

Board Office Use: Legislative File Info.	
File ID Number	18- 1122
Introduction Date	5-23-2018
Enactment Number	18-0887
Enactment Date	5/23/18 os



Memo

To Board of Education

From Kyla Johnson-Trammell, Superintendent and Secretary, Board of Education
Timothy White, Deputy Chief, Facilities Planning and Management

Board Meeting Date May 23, 2018

Subject Adoption of Resolution No. 1718-0045 APPROVAL OF ENERGY CONSERVATION SERVICES AGREEMENT WITH ENGIE SERVICES FOR ENERGY RELATED FACILITIES IMPROVEMENTS

Action Requested Adoption of Resolution No. 1718-0045 APPROVAL OF ENERGY CONSERVATION SERVICES AGREEMENT WITH ENGIE SERVICES FOR ENERGY RELATED FACILITIES IMPROVEMENTS

Background On September 11, 2017, the California Energy Commission (CEC) approved District's Proposition 39 Energy Expenditure Plan (EEP) application for energy efficiency projects at fourteen campuses: Allendale Elementary School, Bella Vista Elementary School, Claremont Middle School, Elmhurst Community Prep, Garfield Elementary School, Global Family School, Kaiser Elementary School, McClymonds High School, Melrose Leadership Academy (formerly Maxwell Park Middle School), Oakland Technical High School, Sequoia Elementary School, Skyline High School, Sankofa Academy (Formerly Washington Elementary), and West Oakland Middle School, collectively "Project Sites"

The District desires to reduce its facilities' energy costs at the Project Sites and improve the Project Sites' facilities' energy quality, reliability, and efficiency by contracting to implement energy efficiency measures identified in the EEP and/or subject to CEC approval, modified energy efficiency measures that enhance the District's energy and cost savings

ENGIE Services, U.S. Inc., a Delaware Corporation registered to do business in California as corporation C3681589, was selected by the District by means of responses to the Request for Qualifications and Proposals ("RFP/Q") for Proposition 39 Energy Expenditure Plan (EEP) Implementation services (RFP/Q #008-17) dated October 4, 2017.

Discussion California Government Code Sections 4217.10 through 4217.18, authorize the Governing Board to enter into an energy service contract for the implementation of energy related improvements if the Board finds that it is in the best interest of the District to enter into such energy service contract and that the anticipated cost to District for thermal energy, electrical energy or conservation services provided by the contractor under the contract will be less than the anticipated marginal cost to the District of the electrical, or

other energy that would have been consumed by the District in the absence of those purchases. Engie has analyzed the energy needs of the Project Sites and has represented that Engie's provision of Energy Conservation Measures to the Project Sites will result in a reduction in energy consumption or demand that will result in net cost savings to the District.

LBP (Local Business Participation Percentage)

51.7%

Recommendation

Adopt Resolution No. 1718-0045 APPROVAL OF ENERGY CONSERVATION SERVICES AGREEMENT WITH ENGIE SERVICES FOR ENERGY RELATED FACILITIES IMPROVEMENTS

Fiscal Impact

Fund 01, Fund 21 - Fee for Design-Build services not to exceed \$7,861,857

Attachments

Resolution No. No. 1718-0045

Exhibit A - Energy Conservation Savings Findings

Exhibit B -- Agreement with related Attachments



CONTRACT JUSTIFICATION FORM
This Form Shall Be Submitted to the Board Office
With Every Consent Agenda Contract.

Legislative File ID No. _____

Department: Facilities Planning and Management

Vendor Name: Engie Services

Project Name: Prop 39 Energy Operations **Project No.:** 16117

Contract Term: Intended Start: 5/10/2018 Intended End: 7/1/2020

Annual (if annual contract) or Total (if multi-year agreement) Cost: \$7,861,875.00

Approved by: Tadashi Nakadegawa

Is Vendor a local Oakland Business or have they meet the requirements of the

Local Business Policy? Yes (No if Unchecked)

How was this Vendor selected?

RFQ/P Selection

Summarize the services this Vendor will be providing.

Design-Builder scope of The Project shall consist of 14 Sites identified in proposal and all Services required to fully implement the District's EEP including Services relating to interior and exterior lighting upgrades/retrofits, lighting control upgrades (collectively, the "Lighting Retrofit Project", and HVAC upgrades at McClymonds High School ("HVAC Project")

Was this contract competitively bid? Yes (No if Unchecked)

If No, please answer the following:

1) How did you determine the price is competitive?

RFP pricing

2) Please check the competitive bid exception relied upon:

- Educational Materials**
- Special Services** contracts for financial, economic, accounting, legal or administrative services
- CUPCCAA Exception** (Uniform Public Construction Cost Accounting Act)
- Professional Service Agreements** of less than \$90,200 (increases a small amount on January 1 of each year)
- Construction related Professional Services** such as Architects, DSA Inspectors, Environmental Consultants and Construction Managers (require a "fair, competitive selection process)
- Energy** conservation and alternative energy supply (e.g., solar, energy conservation, co-generation and alternative energy supply sources)
- Emergency** contracts
- Technology** contracts
 - electronic data-processing systems, supporting software and/or services (including copiers/printers) over the \$86,000 bid limit, must be competitively advertised, but any one of the three lowest responsible bidders may be selected
 - contracts for computers, software, telecommunications equipment, microwave equipment, and other related electronic equipment and apparatus, including E-Rate solicitations, may be procured through an RFP process instead of a competitive, lowest price bid process
 - Western States Contracting Alliance Contracts (WSCA)
 - California Multiple Award Schedule Contracts (CMAS) [contracts are often used for the purchase of information technology and software]
- "Piggyback" Contracts** with other governmental entities
- Perishable Food**
- Sole Source**
- Change Order for Material and Supplies** if the cost agreed upon in writing does not exceed ten percent of the original contract price
- Other, please provide specific exception**

3) **Not Applicable - no exception - Project was competitively bid**

RESOLUTION
OF THE
BOARD OF EDUCATION
OF THE
OAKLAND UNIFIED SCHOOL DISTRICT
NO. 1718-0045

APPROVAL OF ENERGY CONSERVATION SERVICES AGREEMENT WITH ENGIE SERVICES FOR
ENERGY RELATED FACILITIES IMPROVEMENTS

WHEREAS, on September 11, 2017, the California Energy Commission (CEC) approved District's Proposition 39 Energy Expenditure Plan (EEP) application for energy efficiency projects at fourteen campuses: Allendale Elementary School, Bella Vista Elementary School, Claremont Middle School, Elmhurst Community Prep, Garfield Elementary School, Global Family School, Kaiser Elementary School, McClymonds High School, Melrose Leadership Academy (formerly Maxwell Park Middle School), Oakland Technical High School, Sequoia Elementary School, Skyline High School, Sankofa Academy (Formerly Washington Elementary), and West Oakland Middle School, (collectively "Project Sites");

WHEREAS, ENGIE Services U.S. Inc., a Delaware corporation registered to do business in California ("Design-Builder")("Engie") has represented to the Oakland Unified School District ("District") that Engie has the qualifications and expertise for the design and installation of energy conservation measures as defined in Government Code section 4217.11 ("Energy Conservation Measures") through energy related facilities improvements; and

WHEREAS, Engie has analyzed the energy needs of the Project Sites and has represented that Engie's provision of Energy Conservation Measures to the Project Sites will result in a reduction in energy consumption or demand that will result in net cost savings to the District; and

WHEREAS, California Government Code Sections 4217.10 through 4217.18, authorize the Governing Board to enter into an energy service contract for the implementation of energy related improvements if the Board finds that it is in the best interest of the District to enter into such energy service contract and that the anticipated cost to District for thermal energy, electrical energy or conservation services provided by the contractor under the contract will be less than the anticipated marginal cost to the District of the electrical, or other energy that would have been consumed by the District in the absence of those purchases; and

WHEREAS, based upon an energy analysis and presentation by District staff and its consultants, attached as Exhibit "A" and incorporated herein ("Energy Analysis"), the cost to the District for the energy service contract by and between the District and Engie for the implementation of certain energy measures for energy efficient upgrades and conservation services will be less than the anticipated marginal cost to the District of thermal, electrical, or other energy that would have been consumed by the District in the absence of the implementation of the improvements under the energy service contract;

WHEREAS, on this date, pursuant to Government Code section 4217.10 et seq., the Governing Board of the District held a properly noticed public hearing with respect to the District entering into the Agreement with Engie. A copy of the Agreement is attached hereto as Exhibit "B" and incorporated herein; and

WHEREAS, the District desires to retain Engie to provide, install, and maintain the Energy Conservation Measures pursuant to the terms and conditions of the Agreement;

NOW, THEREFORE, it is found, determined and resolved by the Governing Board of the District as follows:

1. That the District held a public hearing at a regularly scheduled meeting of the Governing Board.
2. Based upon reports of staff, reviewed by the Board in connection herewith, and pursuant to Government Code section 4217.12, the Board finds that the anticipated cost to the District for the Energy Conservation Measures provided pursuant to the terms of the Agreement will be less than the anticipated marginal costs to the District of thermal, electrical or other energy that would have been consumed by the District in the absence of such purchases, as described in Exhibits "A" and "B."
3. That the District's payment to Engie under the Agreement is anticipated to be offset by energy savings, grants, rebates and/or alternative funding sources or other benefits provided under the Agreement.
4. It is in the best interests of the District to enter an Agreement on the terms as indicated in Exhibit "B."
5. That the Board of Education hereby approves the Agreement on the terms as indicated in Exhibit "B," and authorizes the Superintendent to take all steps and perform all actions necessary to implement the Agreement and to take any actions deemed necessary to best protect the interests of the District save those actions reserved to the Board of Education by policy, regulation and/or law.

Passed by the following vote:

PREFERENTIAL AYE: None
PREFERENTIAL NOE: None
PREFERENTIAL ABSTENTION: None
PREFERENTIAL RECUSE: None
AYES: Jody London, James Harris, Nina Senn, Shanthi Gonzales, Roseann Torres, Vice President Jumoke
Hinton Hodge, President Aimee Eng
NOES: None
ABSTAINED: None
RECUSE: None
ABSENT: Student Director Gema Quetzal, Student Director Enasia Mc-Elvaine

CERTIFICATION

We hereby certify that the foregoing is a full, true and correct copy of a Resolution passed at a Regular Meeting of the Board of Education of the Oakland Unified School District, held on May 23, 2018.

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OAKLAND UNIFIED SCHOOL DISTRICT



Aimee Eng
President, Board of Education



Kyla Johnson-Trammell
Superintendent and Secretary, Board of Education

LOCAL BUSINESS PARTICIPATION WORKSHEET

PRIME: **Engie Services U.S.**

Project: Prop 39

Project #:

Estimate: 7,861,875

Bid Opening Date:

Time:

Project Mgr:

Architect:

Base Bid Dollar Amount	\$	Note: Please complete dollar amounts for sub/prime work; local business percentages; base bid			
	Total Dollar Amount of Work	LBE %	SLB%	SLBR%	City of Oakland Certification No.
PRIME Company: Engie Services, Inc. Suite 300, 500 12th St, City/State: Oakland, CA Phone: 410-529-7931	\$ 1,965,469	25%			7861
Company: Emperor Electric Supply Inc. Address: 119 10th Street City/State: Oakland, CA Phone:	\$ 1,500,000		19.1%		
Company: Energy Conservation Options Address: City/State: Oakland CA Phone:	\$ 600,000		7.6%		
Company: Address: City/State: Phone:	\$				
Company: Address: City/State: Phone:	\$				
TOTAL PARTICIPATION	\$4,065,468.75	25.0%	26.7%	0.0%	51.7%

APPROVAL- LBU Compliance Officer

Note: Local Business Participation documentation must be submitted within 24 hours of bid opening

Agreement for Proposition 39 Energy Expenditure Plan (EEP) Implementation Services

This AGREEMENT FOR MODIFIED PROPOSITION 39 ENERGY EXPENDITURE PLAN (EEP) & IMPLEMENTATION SERVICES ("Agreement") is made as of May 23, 2018, by and between the OAKLAND UNIFIED SCHOOL DISTRICT, a California public school district ("District"), and ENGIE Services U.S. Inc., a Delaware corporation registered to do business in California ("Design-Builder").

RECITALS

WHEREAS, on September 11, 2017, the California Energy Commission (CEC) approved District's Proposition 39 Energy Expenditure Plan (EEP) application for energy efficiency projects at fourteen campuses: (1) Allendale Elementary School, (2) Bella Vista Elementary School, (3) Claremont Middle School, (4) Elmhurst Community Prep, (5) Garfield Elementary School, (6) Global Family School, (7) Kaiser Elementary School, (8) McClymonds High School, (9) Melrose Leadership Academy (formerly Maxwell Park Middle School), (10) Oakland Technical High School, (11) Sequoia Elementary School, (12) Skyline High School, (13) Sankofa Academy (formerly Washington Elementary), and (14) West Oakland Middle School.

WHEREAS, District desires to reduce its facilities' energy costs at the Project Sites and improve the Project Sites' facilities' energy quality, reliability, and efficiency by contracting to implement energy efficiency measures identified in the EEP and/or, subject to CEC approval, modified energy efficiency measures that enhance the District's energy and cost savings; and

WHEREAS, Design-Builder is a full-service design-build energy services firm with the technical capabilities to provide services to the District, including, but not limited to, EEP and energy efficiency consultation services, energy and energy system engineering, design, procurement, construction management, installation, construction, commissioning, training, monitoring, measurement and verification, and audit compliance services; and

WHEREAS, pursuant to Section 26235, subdivision (c), of the California Public Resources Code, the District shall not use a sole source process to award Proposition 39 funds; and

WHEREAS, Government Code section 4217.12 authorizes a public agency to enter into an energy service contract with respect to an energy conservation facility on terms that the public agency's governing board determines are in the best interests of the public agency and if the governing board finds that the anticipated cost to the public agency for the energy provided by the energy conservation facility will be less than the anticipated marginal cost to the District of thermal, electrical or other energy that would have been consumed by the public agency in the absence of those purchases;

WHEREAS, the District is a public agency under the provision of Government Code section 4217.10 *et seq.* pertaining to energy service contracts; and

WHEREAS, the District has engaged in a process to select a qualified full-service design-build energy services firm based on several criteria, including, without limitation, firm qualifications and financial viability, experience working on energy efficiency projects and with school districts, and proposed scope of work and price; and

WHEREAS, the Parties intend to enter into this agreement as provided under those statutory guidelines; and

WHEREAS, OpTerra Energy Services, Inc. , a Delaware Corporation registered to do business in California as corporation C3681580, was selected by the District by means of responses to the Request for Qualifications and Proposals ("RFQ/P") for Proposition 39 Energy Expenditure Plan (EEP) Implementation Services (RFP/Q #008-17) dated October 4, 2017; and

WHEREAS, OpTerra Energy Services, Inc., corporation C3681580, subsequently changed its corporate name to ENGIE Services U.S. Inc., certified by the California Secretary of State on or about January 23, 2018; and

WHEREAS, the California Secretary of State also certified ENGIE Services U.S. Inc., identified as corporation C3681580, as registered to transact intrastate business in the State of California on or about January 23, 2018.

NOW THEREFORE, in consideration of the mutual covenants set forth herein, Design-Builder and the District each agree to the following:

AGREEMENT

- 1. Services.** Design-Builder shall furnish to the District the labor, equipment, material, and services as described in **Exhibit "A"** ("EEP") and **Exhibit "B"** ("Scope of Work") attached hereto and incorporated herein by this reference (collectively "Services" or "Work" or "Project") located at the Project Sites identifies in Section 9, below ("Site" or "Sites").
- 2. Term.** It is hereby understood and agreed that the work under this contract shall be completed no later than June 30, 2020 ("Contract Time"). Should the Design-Builder fail to complete this Agreement, and the Work provided herein, within the time fixed for Substantial Completion, due allowance being made for the contingencies provided for herein, the Design-Builder shall become liable to the District for liquidated damages as set forth in Section 3.
- 3. Project Schedule / Liquidated Damages.** Time is of the essence for all Work under this Agreement. A Preliminary Project Schedule is attached hereto as Exhibit "I." After receipt of the Notice to Proceed, Design-Builder will develop, with input from District, a master project schedule using Microsoft Project® ("Project Schedule") identifying milestones and the date for Substantial Completion for each of the Lighting Retrofit Project (as defined in Exhibit "B") and the HVAC Project (as defined in Exhibit "B"). The Project Schedule will be agreed to by the Parties within ninety (90) days of issuance of the Notice to Proceed. The Project Schedule will be updated monthly and the date for Substantial Completion for each of the Lighting Retrofit Project and the HVAC Project may be changed by agreement of the Parties or as otherwise permitted by this Agreement.

It is hereby understood and agreed that it is and will be difficult and/or impossible to ascertain and determine the actual damage that the District will sustain in the event of and by reason of Design Builder's delay; therefore, Design-Builder agrees that it shall pay to the District as liquidated damages, the following: (i) the sum of Five Thousand Dollars (\$5000) per day for each and every day's delay beyond April 30, 2020 that substantial completion is not achieved for Project Sites where allocated compensation is greater than \$500,000 per the attached Schedule of Values; and (ii) the sum of One Thousand Five Hundred Dollars (\$1,500) per day for each and every day's delay beyond April 30, 2020 that substantial completion is not achieved for the Project Sites where allocated compensation is less than \$500,000 per the attached Schedule of Values; *provided however*, that the maximum amount of daily liquidated damages shall in no event exceed the sum of Nine Thousand Nine Hundred Ninety Dollars (\$9,990) per day. Such Liquidated Damages shall be the sole measure of damages due to solely to delay.

It is hereby understood and agreed that this amount is not a penalty.

In the event any portion of the liquidated damages is not paid to the District, the District may deduct that amount from any money due or that may become due the Design-Builder under this Agreement, the District may seek recovery of Liquidated Damages from the Design-Builder's Performance Bond Surety and/or the District may seek recovery of Liquidated Damages from the Design-Builder or the Performance Bond Surety without having exhausted remedies against the other.

- 4. Grants/Rebates/Incentives.** Design-Builder shall use commercially reasonable efforts to support the District in obtaining or maintaining grants/rebates/incentives for the Project. Design-Builder shall use commercially reasonable efforts to support the District in obtaining an extension, if allowed and if necessary. Design-Builder makes no guarantee that the District will receive funding from California Proposition 39 or any other energy efficiency rebate, incentive, and/or loan program(s)(collectively, "Incentive Funds"), or any portion thereof; Design-Builder expressly disclaims any liability for the District's failure to receive any portion of the Incentive Funds unless caused by Design-Builder's willful, reckless, or negligent act(s) or omission(s), and the District acknowledges and agrees that Design-Builder will have no liability for any failure to receive all or any portion of the Incentive Funds unless caused by Design-Builder's willful, reckless, or negligent act(s) or omission(s). Design-Builder will use products from PG&E's approved products list for lighting rebates whenever the required application allows for such use. If Design-Builder chooses a product not on the approved list, Design-Builder will notify District of such choice and provide a written explanation for its choice of product. District will approve Design-Builder's product choices within ten (10) days of receipt of the product list.

5. Contract Documents. The following documents comprise the "Contract Documents" for the Work under this Agreement:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Signed Agreement | <input checked="" type="checkbox"/> Insurance Certificates and Endorsements |
| <input checked="" type="checkbox"/> Request for Qualifications/Proposals and all addenda | <input checked="" type="checkbox"/> Performance Bond |
| <input checked="" type="checkbox"/> Design-Builder Proposal in response to RFQ/P | <input checked="" type="checkbox"/> Payment Bond |
| <input checked="" type="checkbox"/> Notices to Proceed | <input type="checkbox"/> Specifications |
| <input checked="" type="checkbox"/> Prevailing Wage Certification | <input type="checkbox"/> Plans |
| <input checked="" type="checkbox"/> Workers' Compensation Certification | <input type="checkbox"/> Project Schedule |
| <input type="checkbox"/> Drug-Free Workplace Certification | <input checked="" type="checkbox"/> Exhibit "A" ("EEP") |
| <input type="checkbox"/> Tobacco-Free Environment Certification | <input checked="" type="checkbox"/> Exhibit "B" ("Scope of Work") |
| <input checked="" type="checkbox"/> Fingerprinting/Criminal Background Investigation Certification | <input checked="" type="checkbox"/> Exhibit "C" ("General Conditions") |
| <input type="checkbox"/> Asbestos & Other Hazardous Materials Certification | <input checked="" type="checkbox"/> Exhibit "D" ("Special Conditions") |
| <input type="checkbox"/> Lead-Product(s) Certification | <input checked="" type="checkbox"/> Exhibit "E" ("Scope of Education Services") |
| <input checked="" type="checkbox"/> Iran Contracting Act Certification | <input checked="" type="checkbox"/> Exhibit "F" (District Standards) |
| | <input checked="" type="checkbox"/> Exhibit "G" ("Project Labor Agreement") |
| | <input checked="" type="checkbox"/> Exhibit "H" (Registered Subcontractor List) |
| | <input type="checkbox"/> Exhibit "I" (Preliminary Project Schedule) |
| | <input checked="" type="checkbox"/> Exhibit "J" (Schedule of Values) |

The complete Agreement consists of all Contract Documents as defined above and incorporated herein by this reference. Any and all obligations of the District and Design-Builder are fully set forth and described in the Contract Documents. All Contract Documents are intended to cooperate so that any Work called for in one and not mentioned in the other or vice versa is to be executed the same as if mentioned in all Contract Documents.

Should any question arise concerning the intent or meaning of Contract Documents, including the Drawings or Specifications, the question shall be submitted to the District for interpretation. If a conflict exists in the Contract Documents, modifications, beginning with the most recent, shall control over this Agreement (if any). In no case shall a document calling for lower quality and/or quantity material or workmanship control. The decision of the District in the matter shall be final.

6. Submittal of Documents. Those documents identified in the Notice of Award shall be presented to the District for approval within ten (10) business days after execution of the Agreement. Design-Builder shall not commence the Work under this Agreement until the Design-Builder has submitted and the District has approved the performance bond, payment (labor and material) bond, the certificate(s) and affidavit(s), and the endorsement(s) of insurance required and the District issues the Notice to Proceed.

- 7. Project Inspector.** The project inspector on the Project is _____ ("Project Inspector"). Design-Builder hereby acknowledges that the Construction Manager, and the Project Inspector have authority to approve and/or stop Work if the Design-Builder's Work does not comply with the requirements of the Contract Documents, Title 24 of the California Code of Regulations, and all applicable laws. No work shall be carried on except with the knowledge and under the inspection of said Project Inspector. Project Inspector shall have free access to any or all parts of work at any time. Design-Builder shall furnish Project Inspector reasonable opportunities for obtaining such information as may be necessary to keep Project Inspector fully informed respecting progress, manner of work, and character of materials. The Design-Builder shall be liable for any delay caused by its non-compliant Work or its failure to provide proper notification for inspection.
- 8.** Inspection and acceptance of the Work shall be performed by _____, upon the recommendation of the Construction Manager and Inspector of Record.
- 9. Compensation.** As compensation for the Work, the District shall pay to the Design-Builder an amount not to exceed **Seven Million, Eight Hundred Sixty-One Thousand Eight Hundred Seventy-Five Dollars (\$7,861,875)** ("Total Contract Price") allocated by Project Site as set forth in Exhibit "J" Schedule of Values.
- 9.1.** The Total Contract Price and Site-Specific Compensation shall not be increased without the express approval of the District's governing board.
- 10. Expenses.** District shall not be liable to Design-Builder for any costs or expenses paid or incurred by Design-Builder in performing Services for District.
- 11. Payment.** A preliminary schedule of values ("Schedule of Values") is attached hereto as Exhibit "J." On a monthly basis, Design-Builder shall submit an application for payment based upon the estimated value for materials delivered or services performed under the Agreement as of the date of submission pursuant to a schedule of values to be agreed upon by the Parties, separated for each Project Site ("Application for Payment"); each Payment Application shall include a schedule of values separated for each Project Site and site-specific backup documentation necessary to substantiate the total amount claimed in the Payment Application. District will have ten (10) days to approve or dispute the Application for Payment. Within thirty (30) days after District's approval of the Application for Payment, Design-Builder shall be paid a sum equal to ninety-five percent (95%) of the value of the Work performed (as verified by the District's designated representative and Inspector and certified by Design-Builder) up to the last day of the previous month, less the aggregate of previous payments and amount to be withheld. The District may deduct from any payment an amount necessary to protect the District from loss because of: (a) any sums expended by the District in performing any of Design-Builder's obligations under the Agreement which Design-Builder has failed to perform or has performed inadequately; (b) defective Work not remedied; (c) stop payment notices as allowed by state law; (d) reasonable doubt that the Work can be completed for the unpaid balance of the Total Contract Price or by the scheduled completion date; (e) unsatisfactory prosecution of the Work by Design-Builder; (f) unauthorized deviations from the Agreement; (g) failure of the Design-Builder to maintain or submit on a timely basis proper and sufficient documentation as required by the Agreement or by the District during the prosecution of the Work; (h) erroneous or false estimates by the Design-Builder of the value of the Work performed; (i) cost of purchasing additional insurance due to Design-Builder's failure to maintain the required insurance coverage set forth herein; (j) any sums representing expenses, losses, or damages, as reasonably determined by the District, incurred by the District for which Design-Builder is liable under the Agreement; and

(k) any other sums which the District is entitled to recover from Design-Builder under the terms of the Agreement or pursuant to state law, including section 1727 of the Labor Code. The failure by the District to deduct any of these sums from a progress payment shall not constitute a waiver of the District's right to such sums. The District shall retain 5% from all amounts owing as retention. Upon Substantial Completion at each Site, the retention for such Site will be reduced to two and one-half percent (2.5%) of the Site-Specific Compensation for such Site set forth in the table above, and Design-Builder may invoice and District will pay this amount. Retention shall be paid pursuant to Public Contract Code sections 7107, 7200 and 7201.

12. Independent Contractor. Design-Builder, in the performance of this Agreement, shall be and act as an independent contractor. Design-Builder understands and agrees that he and all of his employees shall not be considered officers, employees, agents, partner, or joint venture of the District, and are not entitled to benefits of any kind or nature normally provided employees of the District and/or to which District's employees are normally entitled, including, but not limited to, State Unemployment Compensation or Worker's Compensation. Design-Builder shall assume full responsibility for payment of all federal, state and local taxes or contributions, including unemployment insurance, social security and income taxes with respect to Design-Builder's employees. Design-Builder shall be liable for its own actions, including its negligence or gross negligence, and shall be liable for the acts, omissions, or errors of its agents or employees.

13. Licensing. Design-Builder certifies that the design professional is properly certified or licensed under the laws and regulations of the State of California to provide the professional services that it has herein agreed to perform. Design-Builder and all Subcontractors shall be properly licensed and regulated by the Contractors State License Board, 3132 Bradshaw Road, Post Office Box 2600, Sacramento, California 98826, <http://www.cslb.ca.gov> throughout the duration of the Work. Design-Builder hereby acknowledges that it or its subcontractors performing the work hold valid B Classification Contractor's license.

14. Registration as Public Works Contractor: Design-Builder and all Subcontractors currently are registered as public works contractors with the Department of Industrial Relations, State of California, in accordance with Labor Code section 1771.4.

14.1. SUBMISSION OF UPDATED REGISTERED SUBCONTRACTORS LIST. Design-Builder further acknowledges and agrees that it shall timely submit updated Registered Subcontractors List, attached hereto as Exhibit "F," and as detailed further therein.

15. Standard of Care. Design-Builder's Services will be performed, findings obtained, reports and recommendations prepared in accordance with generally and currently accepted principles and practices of the industry and all applicable law, including the applicable provisions of California Code of Regulations, Title 24, Proposition 39, the requirements of the CEC, and any applicable District Design Guides and Technical Specifications. Design-Builder represents and warrants that it is fully experienced in projects of the nature and scope of Work, and that it is properly qualified, licensed and equipped to supply and perform the Work. The Work completed herein must meet the approval of the District and shall be subject to the District's general right of inspection and supervision to secure the satisfactory completion thereof.

16. Originality of Services. Design-Builder agrees that all technologies, formulae, procedures, processes, methods, writings, ideas, dialogue, compositions, recordings, teleplays and video productions prepared for, written for, or submitted to the District

and/or used in connection with this Agreement, shall be wholly original to Design-Builder and shall not be copied in whole or in part from any other source, except that submitted to Design-Builder by District as a basis for such services.

17. Ownership of Data. Pursuant to Education Code section 17316, this Agreement creates a non-exclusive and perpetual license for the District to use, at its discretion, all plans including, but not limited to, record drawings, specifications, estimates and other documents that Design-Builder prepared or cause to be prepared pursuant to this Agreement. Design-Builder retains all rights to all copyrights over designs and other intellectual property embodied in the plans, record drawings, specifications, estimates, and other documents that Design-Builder prepares or cause to be prepared pursuant to this Agreement.

In the event the District changes or uses any fully or partially completed documents without Design-Builder's knowledge or participation or both, the District agrees to release Design-Builder of responsibility for such changes or use, and shall hold Design-Builder harmless from and against any and all claims on account of any damages or losses to property or persons, or economic losses, arising out of that change or use. In the event that the District uses any fully or partially completed documents without the Design-Builder's full involvement, the District shall remove all title blocks and other information that might identify Design-Builder.

18. Notice to Proceed. The District shall provide a Notice to Proceed to Design-Builder following approval of this Agreement by District's Board. Design-Builder shall not proceed with the Work until it receives a Notice to Proceed. If District fails to issue the Notice to Proceed within ten (10) days following approval of this Agreement by District's Board, the dates for Substantial Completion shall be extended accordingly by written Change Order signed by both Parties.

19. Site Examination. Prior to commencing installation of the Work, Design-Builder agrees to walk each and every Project Site with a District representative and will notify District of any issues which can be readily identified by visual inspection, such as non-functioning lights. District acknowledges that all potential issues cannot be identified on a site walk and may not become apparent until fixtures are removed and/or replaced. As the work progresses, Design-Builder will notify District promptly upon discovery of electrical, wiring or other issues that could not be identified by visual inspection prior to implementing the work; however, Design-Builder shall not be responsible to correct or repair such issues without a written Change Order agreed upon by both Parties.

20. Materials. Design-Builder shall furnish, at his own expense, all labor, materials, equipment, supplies and other items necessary to complete the Services to be provided pursuant to this Agreement. Design-Builder shall use all new components (photovoltaic panels and inverters) that have not been previously placed in service in any other location or for any other application. Rebuilt, refurbished, or relocated equipment is not acceptable under this Agreement.

20.1. Anti-Trust Claim. Design-Builder and its subcontractor(s) agree to assign to the District all rights, title, and interest in and to all causes of action they may have under section 4 of 15 U.S.C. Title 15 or under the Cartwright Act (commencing with section 16700 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the Agreement or a subcontract. This assignment shall be made and become effective at the time the District tenders

final payment to the Design-Builder, without further acknowledgment by the parties.

20.2. Substitutions. No substitutions of material from those specified in the Work Specifications shall be made without the prior written approval of the District.

20.3. Codes, Standards, and Methodologies. All products and components outlined in this Agreement must conform to all applicable codes, standards, and rating methodologies, including, without limitation, all applicable building and electrical codes.

21. Equipment and Labor. Design-Builder shall furnish all tools, equipment, apparatus, facilities, transportation, labor, and material necessary to furnish the services herein described, the services to be performed at such times and places as directed by and subject to the approval of the authorized District representative indicated in the Work specifications attached hereto.

22. Warranty/Quality. Unless a longer warranty is called for elsewhere in this Agreement, the Design-Builder, manufacturer, or their assigned agents shall guarantee the workmanship, product or service performed against defective workmanship, defects or failures of materials for a period of one (1) year from Substantial Completion for each Site. . All workmanship and merchandise must be warranted to be in compliance with applicable California energy, conservation, environmental, and educational standards. The warranty provided pursuant to this Agreement expressly excludes any remedy for damage or defect caused by improper or inadequate maintenance of the installed equipment by service providers other than Design-Builder or its subcontractors, corrosion, erosion, deterioration, abuse, modifications or repairs not performed by Design-Builder's authorized subcontractor, improper use or operation, or normal wear and tear under normal usage.

22.1. Design-Builder shall provide a copy of the installation and product warranties prior to installation. Upon completion of the Project, Design-Builder shall transfer and convey to the District, all warranty documentation and shall assist the District in completing any warranty or submittal forms which are required in order to effectuate coverage of the warranties required herein and all my otherwise be available to the District.

23. Correction of Errors / 10-Month Walk. During the 1-year warranty period, Design-Builder shall perform, at its own cost and expense and without reimbursement from the District, any work necessary to correct errors or omissions which are caused by the Design-Builder's failure to comply with the standard of care required herein. Design-Builder shall do a 10-month walk with District Building & Grounds staff to identify any warranty issues prior to the expiration of the 1-year warranty period.

Notwithstanding the expiration of the warranty period, Design-builder may still have liability to District as allowed under California law for breach of the standard of care, or any latent or patent defect pursuant to California Code of Civil Procedure §§337.1 and 337.15.

24. Trench Shoring. If this Agreement is in excess of \$25,000 and is for the excavation of any trench deeper than five (5) feet, Design-Builder must submit and obtain District acceptance, in advance of excavation, of a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If the plan varies from

the shoring system standards, the plan shall be prepared by a registered civil or structural engineer.

25. Excavations Over Four Feet. If this Agreement includes excavations over four (4) feet, Design-Builder shall promptly, and before the following conditions are disturbed, notify the District, in writing, of any: (a) material that the Design-Builder believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law; (b) subsurface or latent physical conditions at the site differing from those indicated; or (c) unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Agreement. The District shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Design-Builder's cost of, or the time required for, performance of any part of the Work shall issue a change order under the procedures described in the Agreement. In the event that a dispute arises between the District and the Design-Builder whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Design-Builder's cost of, or time required for, performance of any part of the work, the Design-Builder shall not be excused from any scheduled completion date provided for by the Agreement, but shall proceed with all Work to be performed under the Agreement. Design-Builder shall retain any and all rights provided either by the Agreement or by law which pertain to the resolution of disputes and protests between the contracting parties.

26. Lead-Based Paint. Pursuant to the Lead-Safe Schools Protection Act (Education Code section 32240 et seq.) and other applicable law, no lead-based paint, lead plumbing and solders, or other potential sources of lead contamination shall be utilized on this Project, and only trained and state-certified contractors, inspectors and workers shall undertake any action to abate existing risk factors for lead. Design-Builder must execute the Lead-Based Paint Certification, if applicable.

27. Change in Scope of Work. Any Change in the scope of the Work, method of performance, nature of materials or price thereof, Excusable Event, or any other matter materially affecting the performance or nature of the Work shall not be paid for or accepted unless such change, addition, or deletion is approved in advance and in writing by a valid Change Order executed by the District and Design-Builder.

Design-Builder specifically understands, acknowledges, and agrees that the District shall have the right to request any Changes to the Project and the cost thereof may be added to or deducted from the amount of the Total Contract Price by fair and reasonable valuations agreed to by both Parties. If the proposed Change is initiated by District, Design-Builder may suspend performance of that portion of the Work affected by any proposed Change until a written Change Order with respect to the Changed or modified Work has been signed by both Parties. Design-Builder will continue other portions of the Work not affected or impacted by such proposed Change until such time as the applicable Change Order is resolved. Design-Builder shall not be required to agree to a Change Order for additional work that is unrelated to the Scope of Work attached hereto. Design-Builder also agrees to provide the District with all information requested to substantiate the cost of the Change Order and to inform the District whether the Work will be done by the Design-Builder or a subcontractor. In addition to any other information requested, Design-Builder shall submit, prior to approval of the Change Order, its request for a time extension (if any), as well as all information necessary to substantiate its belief that such Change will delay the completion of the Work. If Design-Builder fails to submit its request

for a time extension or the necessary supporting information, it shall be deemed to have waived its right to request such extension.

For all approved Changes in the scope of work that result in a net increase in costs to Design-Builder, the following format shall be used, supported by attached documentation. Any additional work agreed to by the Parties not related to the existing Scope of Work shall not be required to follow this format.

	WORK PERFORMED BY OTHER THAN DESIGN-BUILDER:	ADD:
(a)	Material (attach itemized quantity & unit cost plus sales tax)	\$
(b)	Add Labor (attach itemized hours & rates, fully encumbered)	\$
(c)	Add Equipment (attach suppliers' invoice)	\$
(d)	Subtotal	\$
(e)	Add overhead and profit for any and all tiers of subcontractor, the total not to exceed 10% of item (d)	\$
(f)	Subtotal	\$
(g)	Add overhead and profit for Design-Builder, not to exceed 5% of Item (f)	\$
(h)	Subtotal	\$
(i)	Add Bond and Insurance, not to exceed 2% of Item (h)	\$
(j)	<u>TOTAL</u>	\$
(k)	Time	___ Days

	WORK PERFORMED BY DESIGN-BUILDER:	ADD:
(a)	Material (attach itemized quantity & unit cost plus sales tax)	
(b)	Add Labor (attach itemized hours & rates, fully encumbered)	
(c)	Add Equipment (attach suppliers' invoice)	
(d)	Subtotal	
(e)	Add overhead and profit for Design-Builder, not to exceed 15% of item (d).	
(f)	Subtotal	
(g)	Add Bond and Insurance, not to exceed 2% of Item (f)	
(h)	<u>TOTAL</u>	
(i)	Time	___ Days

All deductive Change Order(s) must be prepared pursuant to the provisions herein. Where a portion of the Work is deleted from the scope of Work, the reasonable value of the deducted Work less the value of Work performed shall be considered the appropriate deduction. The amount submitted on the Application for Payment shall be used to calculate the credit amount unless the bid documentation is being held in escrow as part of the Contract Documents. Unit Prices, if any, may be used in District's discretion in calculating reasonable value. If Design-Builder offers a proposed amount for a deductive Change Order(s), Design-Builder shall include a minimum of five percent (5%) total profit and overhead to be deducted with the amount of the Work of the Change Order(s). If subcontractor work is involved, subcontractors shall also include a minimum of five percent (5%) profit and overhead to be deducted with the amount of its deducted work. Any deviation from this provision shall not be allowed.

28. Workers. Design-Builder shall at all times enforce strict discipline and good order among its employees and the employees of its subcontractors and shall not employ or work any

unfit person or anyone not skilled in work assigned to him. The District may evaluate the Design-Builder in any manner which is permissible under the law. Any person in the employ of the Design-Builder or a subcontractor whom the District may deem incompetent or unfit shall be dismissed from the Project and shall not again be employed at Project without written consent from the District.

29.Design-Builder Supervision. Design-Builder shall provide competent supervision of personnel employed on the job Site, use of equipment, and quality of workmanship.

30.Fingerprinting of Employees. Pursuant to Education Code section 45125.2, District has determined on the basis of scope of Work in this Agreement of this Project, that Design-Builder, subcontractors, and their employees will have only limited contact with pupils at most. Design-Builder shall promptly notify District in writing of any facts or circumstances which might reasonably lead District to determine that contact will be more than limited as defined by Education Code section 45125.1(d). If Design-Builder will have contact with any pupils, Design-Builder shall comply with the provisions of Education Code section 45125.1 regarding the submission of employee fingerprints to the California Department of Justice and the completion of criminal background investigations of its employees. Design-Builder shall not permit any employee to have any contact with District pupils until such time as the Design-Builder has verified in writing to the governing board of the District that the employee has not been convicted of a felony, as defined in Education Code section 45122.1. Design-Builder's responsibility shall extend to all employees, subcontractors, agents, and employees or agents of subcontractors regardless of whether those individuals are paid or unpaid, concurrently employed by the District, or acting as independent contractors of the Design-Builder. Verification of compliance with this section and the Criminal Background Investigation Certification that may be required with this Agreement, shall be provided in writing to the District prior to each individual's commencement of employment or performing any portion of the Work and prior to permitting contact with any student.

31.Employee Identification. At all times during the Project, while on District property, Design-Builder, and all of its individual employees, agents, consultants, suppliers and subcontractors shall wear a name badge with their name clearly written as well as the firm with whom they are employed. Design-Builder shall ensure that only those necessary individual employees, agents, consultants, suppliers and subcontractors possess the name badge and shall collect the name badge from its individual employees, agents, consultants, suppliers and subcontractors once their work has been completed.

32.Safety and Security. Design-Builder is responsible for maintaining safety in the performance of this Agreement. Design-Builder shall be responsible to ascertain from the District the rules and regulations pertaining to safety, security, and driving on school grounds, particularly when children are present.

33.Clean Up. Debris shall be removed from the Site(s). The Site(s) shall be in order at all times when work is not actually being performed and shall be maintained in a reasonably clean condition.

34.Access to Work. District representatives shall at all times have access to the Work wherever it is in preparation or in progress. Design-Builder shall provide safe and proper facilities for such access.

35.Protection of Work and Property. Design-Builder shall erect and properly maintain at all times, as required by conditions and progress of the Work, all necessary safeguards, signs, barriers, lights, and security persons for protection of workers and the public, and shall post danger signs warning against hazards created by the Work. In an emergency

affecting life and safety of life or of Work or of adjoining property, Design-Builder, without special instruction or authorization from District, is permitted to act at his discretion to prevent such threatened loss or injury.

36. Occupancy. District reserves the right to occupy the Site at any time before formal completion and such occupancy shall not constitute final acceptance or approval of any part of the Work covered by this Agreement, nor shall such occupancy extend the date specified for completion of the Work.

37. Continuous Electrical Service While School in Session. Design-Builder shall ensure that school facilities are not without power at any time while school or school-related activities are in session. All work must be closely coordinated with operations staff at the District to ensure continuity of service while the school facilities are in use. District acknowledges and agrees that exterior lighting work will take place while school is in session and will require a shutdown of electrical service to the exterior lighting fixtures. Design-Builder will make good faith efforts to provide District with 48-hour advance written notice of any scheduled electrical shutdowns.

38. Force Majeure. Design-Builder shall be excused from performance hereunder during the time and to the extent that it is prevented from obtaining delivery, or performing by act of God, fire, strike, loss, or shortage of transportation facilities, lock-out, commandeering of materials, product, plant, or facilities by the government, when satisfactory evidence thereof is presented to the District, provided that it is satisfactorily established that the non-performance is not due to the fault or neglect of the Design-Builder.

39. Termination.

39.1. For Convenience by District. District may, at any time, with or without reason, terminate this Agreement and compensate Design-Builder only for services satisfactorily rendered to the date of termination. Written notice by District shall be sufficient to stop further performance of services by Design-Builder. Notice shall be deemed given when received by the Design-Builder or no later than three (3) days after the day of mailing, whichever is sooner. In the event that District terminates this Agreement pursuant to this section, District shall compensate Design-Builder for work completed to date as a pro-rata amount of the full fees, costs, and expenses.

39.2. With Cause by District. District may terminate this Agreement upon giving of written notice of intention to terminate for cause. Cause shall include:

39.2.1. material violation of this Agreement by the Design-Builder; or

39.2.2. any act by Design-Builder exposing the District to liability to others for personal injury or property damage; or

39.2.3. Design-Builder is adjudged a bankrupt, Design-Builder makes a general assignment for the benefit of creditors or a receiver is appointed on account of Design-Builder's insolvency.

Written notice by District shall contain the reasons for such intention to terminate and unless within five (5) calendar days after that notice the condition or violation shall cease, or satisfactory arrangements for the correction thereof be made, this Agreement shall upon the expiration of the five (5) calendar days cease and terminate. In the event of this termination, the District may secure the required services from another Design-Builder. If the expense, fees, and costs to the District

exceed the cost of providing the Service pursuant to this Agreement, Design-Builder shall immediately pay the excess expense, fees, and/or costs to the District upon the receipt of the District's notice of these expense, fees, and/or costs. The foregoing provisions are in addition to and not a limitation of any other rights or remedies available to District.

39.3. Upon termination, Design-Builder shall provide the District with all documents produced maintained or collected by Design-Builder pursuant to this Agreement, whether or not such documents are final or draft documents.

40. Indemnification. To the furthest extent permitted by California law, Design-Builder shall indemnify and hold harmless the District, its Governing Board, agents, representatives, officers, consultants, employees, trustees, and volunteers (the "Indemnified Parties") from any and all claims arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of the Design-Builder, excepting liabilities to the extent due to the negligence or willful misconduct of the Indemnified Parties. Design-Builder shall also, to the furthest extent permitted by California law, defend the Indemnified Parties at Design-Builder's own expense, including attorneys' fees and costs, from any and all Claim(s) and allegations relating thereto. The District shall have the right to accept or reject any legal representation that Design-Builder proposes to defend the indemnified parties.

41. Insurance.

41.1. The Design-Builder shall procure and maintain at all times it performs any portion of the Services the following insurance:

41.1.1. General Liability. One Million Dollars (\$1,000,000) per occurrence and Two Million Dollars (\$2,000,000) general aggregate for bodily injury, personal injury and property damage in the form of Comprehensive General Liability and Contractual Liability. If Commercial General Liability or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to each project/location or the general aggregate limit shall be twice the required occurrence limit.

41.1.2. Automobile Liability Insurance. One Hundred Thousand Dollars (\$100,000) per person, Three Hundred Thousand Dollars (\$300,000) per accident, Fifty Thousand Dollars (\$50,000) in property damage, or One Million Dollars (\$1,000,000) combined single limit for any automobile that shall protect the Design-Builder and the District from all claims of bodily injury, property damage, personal injury, death, and medical payments arising performing any portion of the Services by Design-Builder.

41.1.3. Workers' Compensation and Employers' Liability Insurance. For all of the Design-Builder's employees who are subject to this Agreement and to the extent required by the applicable state or federal law, Design-Builder shall keep in full force and effect, a Workers' Compensation policy. That policy shall provide employers' liability coverage with minimum liability coverage of One Million Dollars (\$1,000,000) per accident for bodily injury or disease. Design-Builder shall provide an endorsement that the insurer waives the right of subrogation against the District and its respective elected officials, officers, employees, agents, representatives, consultants, trustees, and volunteers.

- 41.1.4. Professional Liability (Errors and Omissions).** One Million Dollars (\$1,000,000) aggregate for errors and omissions as appropriate to profession of engineer designing energy efficiency measures, coverage to continue through completion of construction plus two (2) years thereafter.
- 41.1.5. Builder's Risk Insurance.** On a replacement cost value basis, Design-Builder shall procure and maintain, during the life of this Agreement, Builder's Risk (Course of Construction), or similar first party property coverage to insure against all risks of accidental physical loss and shall include without limitation the perils of vandalism and/or malicious mischief (both without any limitation regarding vacancy or occupancy), sprinkler leakage, civil authority, theft, sonic disturbance, earthquake, flood, collapse, wind, fire, war, terrorism, lightning, smoke, and rioting. Coverage shall include debris removal, demolition, increased costs due to enforcement of all applicable ordinances and/or laws in the repair and replacement of damaged and undamaged portions of the property, and reasonable costs for engineering services and expenses required as a result of any insured loss upon the Work and Project, including completed Work and Work in progress, to the full insurable value thereof.
- 41.1.6. Umbrella or Excess Liability.** Four Million Dollars (\$4,000,000) per occurrence to meet the policy limit requirements of the required policies if Design Builder's underlying policy limits are less than required. There shall be no gap between the per occurrence amount of any underlying policy and the start of the coverage under the Umbrella Liability Insurance Policy. Any Umbrella Liability Insurance Policy shall protect Design-Builder, District, State, and Project Manager(s) in amounts, and that complies with all requirements for Commercial General Liability and Automobile Liability and Employers' Liability Insurance.
- 41.1.7. Other Insurance Provisions:** The policies are to contain, or be endorsed to contain, the following provisions:
- 41.1.7.1.** For the general liability and automobile liability policies:
- 41.1.7.1.1.** The District, their representatives, consultants, trustees, officers, officials, employees, agents, and volunteers ("Additional Insureds") are to be covered as additional insureds with respect to liability arising out of activities performed by or on behalf of Design-Builder; instruments of Service and completed operations of the Design-Builder; premises owned, occupied or used by Design-Builder; or automobiles owned, leased, hired or borrowed by Design-Builder. The coverage shall contain no special limitations on the scope of protection afforded to the Additional Insureds.
- 41.1.7.1.2.** For any claims related to the projects, Design-Builder's insurance coverage shall be primary insurance with respect to the Additional Insureds. Any insurance or self-insurance maintained by the Additional Insureds shall be in excess of the Design-Builder's insurance and shall not contribute with it.

41.1.7.1.3. Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to the Additional Insureds.

41.1.7.2. Design-Builder's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

41.1.7.3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either Party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the District.

41.1.7.4. Design-Builder shall furnish the District with Certificates of Insurance showing maintenance of the required insurance coverage and original endorsements affecting coverage. The endorsements are to be signed by a person authorized by that insurer to bind coverage on its behalf. All endorsements are to be received and approved by the District before Work commences. Design-Builder must provide updates on the insurance coverage throughout the term of the Agreement to ensure that there is no break in coverage during the performance of the Work. Failure to provide evidence of current coverage shall be grounds for termination for breach of contract.

41.1.8. Acceptability of Insurers. Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the District.

42. Payment Bond and Performance Bond. Design-Builder shall not commence the Work until it has provided to the District, in a form acceptable to the District, a Payment (Labor and Material) Bond and a Performance Bond, each in an amount equivalent to One Hundred Percent (100%) of the Total Contract Price issued by a surety admitted to issue bonds in the State of California and otherwise acceptable to the District.

43. Permits and Licenses. Design-Builder and all Design-Builder's employees or agents shall secure and maintain in force, at Design-Builder's sole cost and expense, such permits, licenses and registrations as are required by law in connection with the furnishing of materials, supplies, or services pursuant to this Agreement. Design-Builder is responsible for obtaining, on behalf of District and at Design-Builder's expense, permits and approvals (including CEC approval) required for the building, installation, and start-up of the Work hereunder which are required to complete the Project, and District shall provide reasonable assistance to Design-Builder regarding the same. District shall hire and pay for all inspectors, including special inspectors, however, if Design-Builder requires overtime inspections, including but not limited to acceleration of the Work, Design-Builder shall reimburse District for overtime and/or additional fees and expenses for inspectors, including special inspectors.

44. Assignment. The rights, burdens, duties, or obligations of Design-Builder pursuant to this Agreement shall not be assigned by the Design-Builder without the prior written consent of the District.

45.Subcontractors. Subcontractors, if any, engaged by the Design-Builder for any Service or Work under this Agreement shall be subject to the approval of the District. Design-Builder agrees to bind every subcontractor by the terms of the Agreement as far as such terms are applicable to subcontractor's work, including, without limitation, all indemnification, insurance, bond, and warranty requirements. If Design-Builder shall subcontract any part of this Agreement, Design-Builder shall be fully responsible to the District for acts and omissions of its subcontractor(s) and of persons either directly or indirectly employed by it. Nothing contained in this Agreement shall create any contractual relations between any subcontractor and the District.

45.1. Prompt Payment of Subcontractors. Design-Builder will promptly pay, when due, all amounts payable for labor and materials furnished in the performance of the Agreement and will endeavor to prevent any lien or other claim under any provision of Applicable Law from arising against any District property, against Design-Builder's rights to payments hereunder, or against District.

46.Compliance with Laws. Design-Builder shall observe and comply with all rules and regulations of the governing board of the District and all federal, state, and local laws, ordinances and regulations. Design-Builder shall give all notices required by any law, ordinance, rule and regulation bearing on conduct of the Work as indicated or specified. If Design-Builder observes that any of the Work required by this Agreement is at variance with any such laws, ordinance, rules or regulations, Design-Builder shall notify the District, in writing, and any necessary changes to the scope of the Work shall be made and this Agreement shall be appropriately amended in writing, or this Agreement shall be terminated effective upon Design-Builder's receipt of a written termination notice from the District. If Design-Builder performs any work that is in violation of any laws, ordinances, rules or regulations, without first notifying the District of the violation, Design-Builder shall bear all costs arising therefrom.

46.1. Design-Builder hereby acknowledges that the Construction Manager(s), and the Project Inspector(s) have authority to approve and/or stop Work if the Design-Builder's Work does not comply with the requirements of the Contract Documents, Title 24 of the California Code of Regulations, and all applicable laws. Design-Builder shall be liable for any delay caused by its non-compliant Work.

46.2. Labor Code Requirements. Design-Builder shall familiarize itself with and comply with all applicable provisions of the Labor Code, sections 1720 through 1861. Design-Builder and its subcontractors shall pay all workers on all work performed not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations ("DIR") for the type of work performed and the locality in which the Work is to be performed within the boundaries of the Oakland Unified School District, pursuant to sections 1770, et seq., of the California Labor Code. In performing the Work, Design-Builder and its subcontractors shall comply with all applicable provisions of Division 2, Part 7, Chapter 1, of the California Labor Code and Title 8 of the California Code of Regulations, including, without limitation, the requirement that the contractor and all of its subcontractors shall maintain timely, complete, and accurate electronic certified payroll records as set forth herein. Design-Builder and its subcontractors shall complete and submit the Prevailing Wage and Related Labor Requirements Certification attached hereto, and Design-Builder shall provide a copy of the Certification(s) to District prior to commencement of the Work. Willful failure to comply may result in penalties, including loss of the right to bid on or receive public works contracts.

46.2.1. Certified Payroll Records. Design-Builder and its subcontractor(s) shall keep accurate certified payroll records ("CPRs") of workers and shall electronically submit certified payroll records directly to the Labor Commissioner using DIR's eCPR System by uploading the CPRs by electronic XML file or entering each record manually using the DIR's iForm (or current form) online on a weekly basis and within ten (10) days of any request by the District or the Labor Commissioner. (See <http://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html>).

46.2.2. Labor Compliance: Design-Builder shall perform the Work of the Project while complying with all the applicable regulations, including section 16000, et seq., of Title 8 of the California Code of Regulations and is subject to labor compliance monitoring and enforcement by the Department of Industrial Relations.

47.Audit. Design-Builder shall establish and maintain books, records, and systems of account, in accordance with generally accepted accounting principles, reflecting all business operations of Design-Builder transacted under this Agreement. Design-Builder shall retain these books, records, and systems of account during the Term of this Agreement and for three (3) years thereafter. Design-Builder shall permit the District, its agent, other representatives, or an independent auditor to audit, examine, and make excerpts, copies, and transcripts from all books and records, and to make audit(s) of all billing statements, invoices, records, and other data related to the Services covered by this Agreement. Audit(s) may be performed at any time, provided that the District shall give reasonable prior notice to Design-Builder and shall conduct audit(s) during Design-Builder's normal business hours, unless Design-Builder otherwise consents.

48.Anti-Discrimination. It is the policy of the District that in connection with all work performed under contracts there be no discrimination against any employee engaged in the work because of race, color, ancestry, national origin, religious creed, physical disability, medical condition, marital status, sexual orientation, gender, or age and therefore the Design-Builder agrees to comply with applicable Federal and California laws including, but not limited to the California Fair Employment and Housing Act (beginning with Government Code section 12900) and Labor Code section 1735. In addition, the Design-Builder agrees to require like compliance by all its subcontractors.

49.Environmental Attributes and Energy Credits. District shall own all right, title, and interest associated with or resulting from the development, construction, installation and ownership of any facilities installed on the Project. This ownership includes without limitation, all rights, credits (including tax credits), rebates, reporting rights, benefits, reductions, offsets and allowances and entitlements of any kind, howsoever entitled or named (including carbon credits and allowances), whether arising under federal, state or local law, international treaty, trade association membership or the like arising from the energy efficiency measures and Project.

50.Limitation of Liability. Other than as provided in this Agreement, District's financial obligations under this Agreement shall be limited to the payment of the compensation provided in this Agreement. The liability of a defaulting Party will be limited to direct, actual damages flowing from contract or tort. Neither Party be liable to the other Party for any indirect or incidental damages, including, but not limited to, lost profits or revenue, or emotional distress of either Party, arising out of or in connection with this Agreement or for the services performed in connection with this Agreement. The limitations contained in this Section 50 shall not apply to any damages to the extent caused by the gross

negligence or willful misconduct of the defaulting Party, or to third party claims subject to the indemnification provisions of this Agreement.

51. Confidentiality. Design-Builder and all Design-Builder's agents, personnel, employee(s), and/or subcontractor(s) shall maintain the confidentiality of all information received in the course of performing the Services to the extent allowed by law. This requirement to maintain confidentiality shall extend beyond the termination of this Agreement.

52. Claims & Disputes. In the event of any demand by Design-Builder for (A) a time extension, including, without limitation, for relief from damages or penalties for delay assessed by the District under the Agreement, (B) payment by the District of money or damages arising from work done by, or on behalf of, the Design-Builder pursuant to the Agreement and payment of which is not otherwise expressly provided for or to which Design-Builder is not otherwise entitled to, or (C) an amount of payment disputed by the District, the parties shall attempt to resolve the dispute by those procedures set forth in Public Contract Code section 9204 and/or Article 1.5 (commencing with section 20104) of Chapter 1, Part, 3, Division 2, of the Public Contract Code, if applicable, the provisions of which are each attached hereto and incorporated herein by this reference. If a claim, or any portion thereof, remains in dispute upon satisfaction of all applicable dispute resolution requirements, the Design-Builder shall comply with all claims presentation requirements as provided in Chapter 1 (commencing with section 900) and Chapter 2 (commencing with section 910) of Part 3 of Division 3.6 of Title 1 of Government Code as a condition precedent to the Design-Builder's right to bring a civil action against the District. For purposes of those provisions, the running of the time within which a claim must be presented to the District shall be tolled from the time the Design-Builder submits its written claim until the time the claim is denied, including any time utilized by any applicable meet and confer process. Pending resolution of the dispute, Design-Builder and its subcontractors shall continue to perform the Work under the Agreement and shall not cause a delay of the Work during any dispute, claim, negotiation, mediation, or arbitration proceeding, except by written agreement of the District.

53. Attorney Fees and Costs. Should litigation be necessary to enforce any terms or provisions of this Agreement, then each Party shall bear its own litigation and collection expenses, witness fees, court costs, and attorney's fees.

54. Notice. Any notice required or permitted to be given under this Agreement shall be deemed to have been given, served, and received if given in writing and either personally delivered or deposited in the United States mail, registered or certified mail, postage prepaid, return receipt required, or sent by overnight delivery service, or email, addressed as follows:

To District:
Oakland Unified School District
995 High Street
Oakland, CA 94601

ATTN: _____
Email: _____

To Design-Builder:
ENGIE Services U.S. Inc.
500 Twelfth St, Suite 300
Oakland, CA 94607
Attention: Patrick Yost

With a copy to:
Legal Department
ENGIE Services U.S. Inc.
150 East Colorado Boulevard, Suite 360
Pasadena, CA 91105-3711
Tel: 626-377-4948
Attention: Contract Administrator

Any notice personally given or sent by email shall be effective upon receipt. Any notice sent by overnight delivery service shall be effective the business day next following delivery thereof to the overnight delivery service. Any notice given by mail shall be effective three (3) days after deposit in the United States mail.

55. Governing Law. This Agreement shall be governed by, and the rights, duties and obligations of the Parties shall be determined and enforced in accordance with, the laws of the State of California. The Parties further agree that any action or proceeding brought to enforce the terms and conditions of this Agreement shall be maintained in the county in which the District's administrative offices are located.

56. Severability. If any term, condition or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions will nevertheless continue in full force and effect, and shall not be affected, impaired or invalidated in any way.

57. Waiver. The waiver by either Party of any breach of any term, covenant, or condition herein contained shall not be deemed to be a waiver of such term, covenant, condition, or any subsequent breach of the same or any other term, covenant, or condition herein contained.

58. Captions and Interpretations. Paragraph headings in this Agreement are used solely for convenience and shall be wholly disregarded in the construction of this Agreement. No provision of this Agreement shall be interpreted for or against a Party because that Party of its legal representative drafted such provision, and this Agreement shall be construed as if jointly prepared by the Parties.

59. Use of Pronouns. All personal pronouns used in this Agreement, whether used in the masculine, feminine, or neuter gender, will include all other genders; the singular will include the plural and the plural will include the singular.

60. Incorporation of Recitals and Exhibits. The Recitals and each exhibit attached hereto are hereby incorporated herein by reference.

61. Cooperation. The Parties hereby agree to execute all such other documents and to take all such other action as may be reasonably necessary to effect the purposes of this Agreement.

62. Binding Contract. This Agreement shall be binding upon the Parties and upon their successors and assigns, and shall inure to the benefit of said Parties and their successors and assigns.

63. Authority to Bind Parties. Neither Party in the performance of any and all duties under this Agreement, except as otherwise provided in this Agreement, has any authority to bind the other to any agreements or undertakings.

64. No Rights in Third Parties. This Agreement does not create any rights in, or inure to the benefit of, any third party except as expressly provided herein.

65. Signature Authority. Each Party has the full power and authority to enter into and perform this Agreement, and the person signing this Agreement on behalf of each Party has been properly authorized and empowered to enter into this Agreement.

66. Counterparts. This Agreement and all amendments to it may be executed in counterparts, each of which shall be deemed an original. A facsimile or electronic signature shall be deemed to be the equivalent of the actual original signature. All counterparts so executed shall constitute one document binding all the Parties.

67. Provisions Required By Law Deemed Inserted. Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein and this Agreement shall be read and enforced as though it were included therein.

68. Entire Contract. This Agreement sets forth the entire contract between the parties hereto and fully supersedes any and all prior agreements, understanding, written or oral, between the parties hereto pertaining to the subject matter thereof. This Agreement may be modified only in writing upon mutual consent.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the dates indicated below.

Oakland Unified School District

ENGIE Services U.S. Inc.

Date: 5/24/18, 20__

Date: May 11, 2018

By: _____

By: John W. Mahoney

Print Name: _____

Print Name: John Mahoney

Print Title: _____

Print Title: Chief Executive Officer

Aimee Eng
Aimee Eng
President, Board of Education

Kyla R. Johnson-Trammell
Kyla R. Johnson-Trammell
Secretary, Board of Education

OAKLAND UNIFIED SCHOOL DISTRICT

Office of the General Counsel
APPROVED FOR FORM & SUBSTANCE

By: Marion McWilliams
Marion McWilliams, General Counsel

Information Regarding Design-Builder:

Proper Name: ENGIE Services U.S. Inc.
License No.: CA 995037
Registration No.: C3681580
Address: 500 Twelfth St, Suite 300
Oakland, CA 94607

Telephone: _____
Facsimile: _____
E-Mail: _____

Type of Business Entity:
 Individual
 Sole Proprietorship
 Partnership
 Limited Partnership
 Corporation, State: Delaware
 Limited Liability Company
 Other: _____

46-5545462
Employer Identification and/or Social
Security Number

NOTE: Section 6041 of the Internal Revenue Code (26 U.S.C. 6041) and Section 1.6041-1 of Title 26 of the Code of Federal Regulations (26 C.F.R. 1.6041-1) requires the recipients of \$600.00 or more to furnish their taxpayer information to the payer. In order to comply with these requirements, the District requires the Design-Builder to furnish the information requested in this section.

Public Contract Code section 9204

(a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

Public Contract Code sections 20104 – 20104.6

§ 20104.

(a) (1) This article applies to all public works claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between a contractor and a local agency.

(2) This article shall not apply to any claims resulting from a contract between a contractor and a public agency when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2.

(b) (1) "Public work" means "public works contract" as defined in Section 1101 but does not include any work or improvement contracted for by the state or the Regents of the University of California.

(2) "Claim" means a separate demand by the contractor for (A) a time extension, (B) payment of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which is disputed by the local agency.

(c) The provisions of this article or a summary thereof shall be set forth in the plans or specifications for any work which may give rise to a claim under this article.

(d) This article applies only to contracts entered into on or after January 1, 1991.

§ 20104.2.

For any claim subject to this article, the following requirements apply:

(a) The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims.

(b) (1) For claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

(c) (1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.

(d) If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(e) Following the meet and confer conference, if the claim or any portion remains in dispute, the claimant may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.

(f) This article does not apply to tort claims and nothing in this article is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.

§ 20104.4.

The following procedures are established for all civil actions filed to resolve claims subject to this article:

(a) Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

(b) (1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act (Title 4 (commencing with Section 2016.010) of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

(2) Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.

(3) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, any party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, pay the attorney's fees of the other party arising out of the trial de novo.

(c) The court may, upon request by any party, order any witnesses to participate in the mediation or arbitration process.

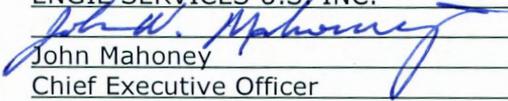
§ 20104.6.

(a) No local agency shall fail to pay money as to any portion of a claim which is undisputed except as otherwise provided in the contract.

(b) In any suit filed under Section 20104.4, the local agency shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.

PREVAILING WAGE CERTIFICATION

I hereby certify that I will conform to the State of California Public Works Contract requirements regarding prevailing wages, benefits, on-site audits with 48-hours' notice, payroll records, and apprentice and trainee employment requirements, for all Work on the Project.

Date: 11 May 2018
Name of Design-Builder: ENGIE SERVICES U.S. INC.
Signature: 
Print Name: John Mahoney
Title: Chief Executive Officer

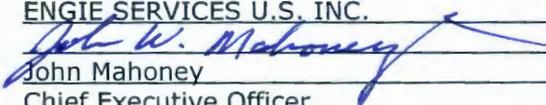
WORKERS' COMPENSATION CERTIFICATION

Labor Code section 3700 in relevant part provides:

Every employer except the State shall secure the payment of compensation in one or more of the following ways:

1. By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this state.
2. By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Agreement.

Date: 11 May 2018
Name of Design-Builder: ENGIE SERVICES U.S. INC.
Signature: 
Print Name: John Mahoney
Title: Chief Executive Officer

(In accordance with Article 5 - commencing at section 1860 of the Labor Code, Division 2, Part 7, Chapter 1, the above certificate must be signed and filed with the District to performing any Work under this Agreement.)

FINGERPRINTING/CRIMINAL BACKGROUND INVESTIGATION CERTIFICATION

One (1) of the three (3) boxes below **must** be checked, with the corresponding certification provided, and this form attached to the Agreement:

- Design-Builder's employees will have only limited contact, if any, with District pupils and the District will take appropriate steps to protect the safety of any pupils that may come in contact with Design-Builder's employees so that the fingerprinting and criminal background investigation requirements of Education Code section 45125.1 shall not apply to Design-Builder for the services under this Agreement. As an authorized District official, I am familiar with the facts herein certified, and am authorized to execute this certificate on behalf of the District. (Education Code section 45125.1(c))

Date: _____

District Representative's Name and Title: _____

Signature: _____

- The fingerprinting and criminal background investigation requirements of Education Code section 45125.1 apply to Design-Builder's services under this Agreement and Design-Builder certifies its compliance with these provisions as follows:

Design-Builder certifies that it has complied with the fingerprinting and criminal background investigation requirements of Education Code section 45125.1 with respect to all Design-Builder's employees, subcontractors, agents, and subcontractors' employees or agents ("Employees") regardless of whether those Employees are paid or unpaid, concurrently employed by the District, or acting as independent contractors of the Design-Builder, who may have contact with District pupils in the course of providing services pursuant to the Agreement, and the California Department of Justice has determined that none of those Employees has been convicted of a felony, as that term is defined in Education Code section 45122.1. A complete and accurate list of all Employees who may come in contact with District pupils during the course and scope of the Agreement is attached hereto.

- Design-Builder's services under this Agreement shall be limited to the construction, reconstruction, rehabilitation, or repair of a school facility and although all Employees will have contact, other than limited contact, with District pupils, pursuant to Education Code section 45125.2, District shall ensure the safety of the pupils by at least one of the following as marked:

_____ Installation of a physical barrier at the worksite to limit contact with pupils.

_____ Continual supervision and monitoring of all Employees by an employee of Design-Builder, _____, whom the Department of Justice has ascertained has not been convicted of a violent or serious felony.

_____ Surveillance of Employees by District personnel.

Date: _____

District Representative's Name and Title: _____

Signature: _____

I am a representative of the Design-Builder entering into this Agreement with the District and I am familiar with the facts herein certified, and am authorized and qualified to execute this certificate on behalf of Design-Builder.

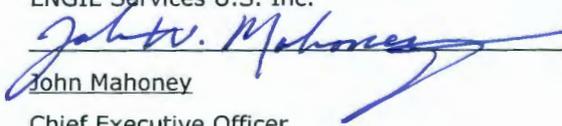
Date: 11 May 2018

Name of Design-Builder: ENGIE Services U.S. Inc.

Signature: _____

Print Representative's Name: John Mahoney

Title: Chief Executive Officer



A handwritten signature in blue ink, appearing to read 'John W. Mahoney', is written over a horizontal line. The signature is fluid and cursive.

PERFORMANCE BOND
(100% of Total Contract Price)

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the governing board ("Board") of **Oakland Unified School District** ("District") and _____ ("Principal") have entered into a contract for the furnishing of all materials and labor, services and transportation, necessary, convenient, and proper to perform the following project:

_____ **Project**

("Project"), which Agreement dated _____, 20__, and all of the Contract Documents attached to or forming a part of the Agreement, are hereby referred to and made a part hereof ("Agreement"), and

WHEREAS, said Principal is required under the terms of the Agreement to furnish a bond for the faithful performance of the Agreement;

NOW, THEREFORE, the Principal and _____ ("Surety") are held and firmly bound unto the Board of the District in the penal sum of _____ **Dollars (\$_____)**, lawful money of the United States, for the payment of which sum well and truly to be made we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents, to:

1. Perform all the work required to complete the Project; and
2. Pay to the District all damages the District incurs as a result of the Principal's failure to perform all the Work required to complete the Project.

Or, at the District's sole discretion and election, the Surety shall obtain a bid or bids for completing the Agreement in accordance with its terms and conditions, and upon determination by the District of the lowest responsible bidder, arrange for a contract between such bidder and the District and make available as Work progresses sufficient funds to pay the cost of completion less the "balance of the Total Contract Price," and to pay and perform all obligations of Principals under the Contract, including, without limitation, all obligations with respect to warranties, guarantees and the payment of liquidated damages. The term "balance of the Total Contract Price," as used in this paragraph, shall mean the total amount payable to Principal by the District under the Agreement and any modifications thereto, less the amount previously paid by the District to the Principal, less any withholdings by the District allowed under the Contract. Surety shall not utilize Principal in completing the Project nor shall Surety accept a Bid from Principal for completion of the Work if the District, when declaring the Principal in default, notifies Surety of the District's objection to Principal's further participation in the completion of the Work. Surety expressly agrees that the District may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Principal.

The condition of the obligation is such that, if the above bounden Principal, his or its heirs, executors, administrators, successors, or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions, and agreements in the Agreement and any alteration thereof made as therein provided, on his or its part to be kept

and performed at the time and in the intent and meaning, including all contractual guarantees and warranties of materials and workmanship, and shall indemnify and save harmless the District, its trustees, officers and agents, as therein stipulated, then this obligation shall become null and void, otherwise it shall be and remain in full force and virtue.

As a condition precedent to the satisfactory completion of the Agreement, the above obligation shall hold good for a period ending one year after the date of Final Completion during which time Surety's obligation shall continue if Principal shall fail to make full, complete, and satisfactory repair and replacements and totally protect the District from loss or damage resulting from or caused by defective materials or faulty workmanship. The above obligation is separate from and does not affect to the obligations under a performance guarantee, a maintenance services agreement, or any warranty obligations that are effective for any period longer than one year following the Final Completion date.

Nothing herein shall limit the District's rights or the Principal's or Surety's obligations under the Agreement, law or equity, including, but not limited to, the District's rights against Principal under California Code of Civil Procedure section 337.15.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Agreement or to the work or to the specifications.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the _____ day of _____, 20____.

Principal

By

Surety

By

Name of California Agent of Surety

Address of California Agent of Surety

Telephone Number of California Agent of Surety

Please attach a Notarial Acknowledgment for all Surety's signatures and a Power of Attorney and Certificate of Authority for Surety. The California Department of Insurance must authorize the Surety to be an admitted surety insurer.

PAYMENT BOND

**Design-Builder's Labor & Material Bond
(100% of Total Contract Price)**

KNOW ALL PERSONS BY THESE PRESENTS:

That WHEREAS, the governing board ("Board") of **Oakland Unified School District** ("District") and _____ ("Principal") have entered into a contract for the furnishing of all materials and labor, services and transportation, necessary, convenient, and proper to perform the following project:

_____ **Project**

("Project") which Agreement dated _____, 20__, and all of the Contract Documents attached to or forming a part of the Agreement, are hereby referred to and made a part hereof ("Agreement"), and

WHEREAS, pursuant to law and the Agreement, the Principal is required, before entering upon the performance of the work, to file a good and sufficient bond with the body by which the Agreement is awarded in an amount equal to one hundred percent (100%) of the Total Contract Price, to secure the claims to which reference is made in sections 9000 through 9510 and 9550 through 9566 of the California Civil Code, and division 2, part 7, of the Labor Code.

NOW, THEREFORE, the Principal and _____, ("Surety") are held and firmly bound unto all laborers, material men, and other persons referred to in said statutes in the sum of _____ **Dollars (\$ _____)**, lawful money of the United States, being a sum not less than the total amount payable by the terms of Agreement, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns, jointly and severally, by these presents.

The condition of this obligation is that if the Principal or any of its subcontractors, or the heirs, executors, administrators, successors, or assigns of any, all, or either of them shall fail to pay for any labor, materials, provisions, provender, or other supplies, used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that the Surety will pay the same in an amount not exceeding the amount herein above set forth, and also in case suit is brought upon this bond, will pay a reasonable attorney's fee to be awarded and fixed by the Court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under section 9100 of the California Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void; otherwise it shall be and remain in full force and affect.

And the Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of Agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the _____ day of _____, 20__.

Principal

By

Surety

By

Name of California Agent of Surety

Address of California Agent of Surety

Telephone Number of California Agent of Surety

Please attach a Notarial Acknowledgment for all Surety's signatures and a Power of Attorney and Certificate of Authority for Surety. The California Department of Insurance must authorize the Surety to be an admitted surety insurer.

Exhibit "A"
EEP

[TO BE ATTACHED]

Submission Tier: 4
 Expenditure Plans this Fiscal Year: 2017-18
 Expenditure Plans this Fiscal Year: 2017-18
2157 Submittal Option: Annual Award Energy Expenditure Plan

Grant Amount Requested: \$5,803,276.00
 Grant Balance Available:

Applicant Information

Local Education Agency Name: Oakland Unified
 LEA CDS Code: 01612590000000
 Mailing Address: 1000 Broadway, Suite 680
 City: Oakland
 Zip Code: 94607

Energy Planning Reservation Information

Did you request Energy Planning Funds? (If no, move on to next section) Yes
 Budget for Screening and Energy Audits: \$295,819.00
 Budget for Proposition 39 Program Assistance: \$59,172.00
 Budget for Energy Manager: \$135,783.00
 Budget for Training Totals: \$39,488.00
 Totals: \$530,262.00

Amount Spent for Screening and Audits:
 Amount Spent for Program Assistance:
 Amount Spent for Energy Manager:
 Amount Spent for Training:
 Totals:

LEA Authorized Representative

Name: Cesar E. Monterrosa
 Title: Director of Facilities Planning and Management
 Phone: 5105357053
 Email: cesar.monterrosa@ousd.org

Energy Manager and Training

Are you hiring an Energy Manager with Funds Requested in this Expenditure Plan? No
 Are you using Proposition 39 funds for energy related training costs? No

Amount Requesting for Energy Manager:
 Amount Requesting for Training:

Summary of Schools/Sites

	Total Project Cost	Proposition 39 Share
Estimated Totals:	\$6,301,300.00	\$5,803,276.00

Summation is for 14 Schools

Job Creation Benefits Estimation

Type of Project	Budget	Estimated Direct Job-Years Created
Energy Efficiency	\$5,803,276.00	32.50
Renewable Generation		
Distributed Energy		
Total:		32.50

Please list any state-certified apprenticeship programs being used:

Will this project be subject to a community benefits agreement, community workforce agreement, or other mechanism that defines project co-

Apprenticeship Information

Other Trainee Position Title	Estimated Other Trainee Jobs Created

Total:

Self-Certifications

- Yes The LEA followed the Proposition 39 Guidelines regarding Eligible Energy Project Prioritization Considerations.
- Yes The LEA followed the guidelines regarding Sequencing of Facility Improvements
- Yes The LEA commits to use the funds for the eligible energy project(s) approved in its energy expenditure plan.
- Yes The LEA commits that the information included in the application is true and correct based to the best of the LEA's knowledge.
- Yes The LEA commits that all California Environmental Quality Act (CEQA) requirements are completed.
- Yes The LEA will obtain DSA project approval as applicable pursuant to California Code Regulations, Title 14.
- Yes The LEA acknowledges that the expenditures are subject to financial audit requirements
- Yes The LEA commits to complying with all reporting requirements.
- Yes The LEA commits to following all contracting requirements in the Proposition 39 Guidelines, including not using a sole source process to award funds and providing a clear and accurate description of the eligible energy project in all contracts.

Authorized Representative: Cesar E. Monterrosa Date: 8/1/2017 Bundled SIR: 1.01 Version 6

Site Information

Project Start Date: 10/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

School or Site Information

School/Site Name: Garfield Elementary
 School/Site CDS Code: 01612596001846
 School/Site Mailing Address: 1640 22nd Ave.
 City: Oakland
 Zip Code: 94606-1710

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$280,408.00

6

Energy Efficiency Measure

Energy Efficiency Measure	Description
Lighting- Interior Fixture Retrofit	Retrofit T8 interior fixtures with new, high efficiency LED fixtures and drivers
Lighting- Exterior Fixture Retrofit	Replace HPS exterior fixtures with new LED fixtures
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors level when pedestrians approach and otherwise stay at low level

Energy Efficiency Narrative Description

Retrofit 968 T8 interior fixtures with new, high efficiency LED fixtures and drivers. . Provide new occupancy sensors to meet T-24 requirements. Replace 31 HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.

Site Project Summary

Total Demand Savings	42	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$280,408.00
Total Annual Electric Savings	81,310	Total Annual Cost Savings	\$15,576.21	Savings-to-investment Ratio (SIR)	1.13
Total Annual Natural Gas Savings		Total Project Cost	\$284,200.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$3,792.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$3,792.00

Benchmarking

Square Footage of School/Site: 61,492
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 309,600
 Total Annual Electric Charges (\$): \$59,308.21
 Total Annual Gas Use (therms): 5,350
 Total Annual Gas Charges (\$): \$4,927.16
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 9972608066

Gas Utility: PG&E

Gas Utility Account #: 9972608066 Demand Annual Annual Annual Annual Annual Other Non- TotalVersion

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
Cost/SF	Cost/SF	Cost/SF
5.03 kWh/SF	.09 Therms/SF	
\$.96 Cost/SF	\$.08 Cost/SF	
Energy Costs/SF/Year:	\$1.04	Energy Use(Kbtu)/SF/Year: 62.65

Site Information

Project Start Date: 10/18/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 0161259000000

School or Site Information

School/Site Name: Allendale Elementary
 School/Site CDS Code: 01612596001630
 School/Site Mailing Address: 3670 Penniman Ave.
 City: Oakland
 Zip Code: 94619-1116

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$154,423.00

6

Energy Efficiency Measure
 Lighting- Exterior Fixture Retrofit
 Lighting- Retrofit Interior Lamps to LED
 Lighting Controls

Description
 Replace HPS exterior fixtures with new LED fixtures
 Retrofit T8 interior fixtures with new, high efficiency LED fixtures and drivers,
 Provide new occupancy sensors for interior lights. Provide dual motion sensors for exterior lights.

Energy Efficiency Narrative Description

Retrofit 357 T8 interior fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 16 HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. Retrofit 16 T8 exterior fixtures and replace with new LED fixtures and driver.

Site Project Summary

Total Demand Savings	19	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$154,423.00
Total Annual Electric Savings	36,860	Total Annual Cost Savings	\$7,616.99	Savings-to-investment Ratio (SIR)	1.03
Total Annual Natural Gas Savings		Total Project Cost	\$156,100.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$1,677.00	Total Other Non-Repayable Funds	

Benchmarking

Square Footage of School/Site: 42,423
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 169,569
 Total Annual Electric Charges (\$): \$35,038.74
 Total Annual Gas Use (therms): 4,506
 Total Annual Gas Charges (\$): \$4,764.56
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 9065765623

Gas Utility: PG&E

Gas Utility Account #: 9771326003 Demand Annual Annual Annual Annual Annual Other Non- TotalVersion

Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
1	6,418				\$1,326.26	\$31,900.00	\$320.00		\$320.00	.97
18	27,143				\$5,609.00	\$115,500.00	\$1,357.00		\$1,357.00	1.07
	3,299				\$681.73	\$8,700.00				.83

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
4.00 kWh/SF	.11 Therms/SF	
\$.83 Cost/SF	\$.11 Cost/SF	
Energy Costs/SF/Year:	\$.94	Energy Use(Kbtu)/SF/Year: 53.45

Site Information

Project Start Date: 10/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

School or Site Information

School/Site Name: Kaiser Elementary
 School/Site CDS Code: 01612596001895
 School/Site Mailing Address: 25 South Hill Ct.
 City: Oakland
 Zip Code: 94618-2306

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$79,134.00

6

Energy Efficiency Measure

Lighting- Interior Fixture Retrofit
 Lighting- Exterior Fixture Retrofit
 Lighting Controls

Description
 Retrofit T8 interior fixtures with new, high efficiency LED fixtures and drivers.
 Replace HPS exterior fixtures with new LED fixtures I. Retrofit T8 exterior fixtures and replace with new LED fixtures
 Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.

Energy Efficiency Narrative Description

Retrofit T8 interior fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. . Replace HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. Retrofit 7 T8 exterior fixtures and replace with new LED fixtures and driver.

Site Project Summary

Total Demand Savings	11	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$79,134.00
Total Annual Electric Savings	20,597	Total Annual Cost Savings	\$4,407.94	Savings-to-investment Ratio (SIR)	1.13
Total Annual Natural Gas Savings		Total Project Cost	\$80,100.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$966.00	Total Other Non-Repayable Funds	

Benchmarking

Square Footage of School/Site: 22,576
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 87,068
 Total Annual Electric Charges (\$): \$18,633.77
 Total Annual Gas Use (therms): 7,986
 Total Annual Gas Charges (\$): \$7,091.36
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 4363194012

Gas Utility: PG&E

Gas Utility Account #: 4363194012

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
3.86 kWh/SF	\$.31 Cost/SF	Cost/SF
\$.83 Cost/SF		
Energy Costs/SF/Year:	\$1.14	Energy Use(Kbtu)/SF/Year: 76.70

Demand	Annual	Annual	Annual	Annual	Annual	Other Non- Total	Version
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Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
11	18,096				\$3,872.82	\$59,200.00	\$904.00	\$904.00	\$904.00	1.31
	1,244				\$266.19	\$16,400.00	\$62.00	\$62.00	\$62.00	.60
		1,257			\$268.93	\$4,500.00				.68

Overall Total Leveraged Funding (\$) \$966.00

Site Information

Project Start Date: 5/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 0161259000000

School or Site Information

School/Site Name: Sequoia Elementary
 School/Site CDS Code: 01612596002174
 School/Site Mailing Address: 3730 Lincoln Ave.
 City: Oakland
 Zip Code: 94602-2468

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$139,260.00

6

Energy Efficiency Measure

Energy Efficiency Measure	Description
Lighting- Interior Fixture Retrofit	Retrofit 489 T8 and T12 interior fixtures with new, high efficiency LED fixtures and driverS
Lighting- Exterior Fixture Retrofit	Replace 28 HPS exterior fixtures with new LED fixtures
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level

Energy Efficiency Narrative Description

Retrofit 489 T8 and T12 interior fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 28 HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.

Site Project Summary

Total Demand Savings	27	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$139,260.00
Total Annual Electric Savings	40,294	Total Annual Cost Savings	\$8,657.18	Savings-to-investment Ratio (SIR)	1.21
Total Annual Natural Gas Savings		Total Project Cost	\$141,100.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$1,840.00	Total Other Non-Repayable Funds	

Benchmarking

Square Footage of School/Site: 39,669
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 142,287
 Total Annual Electric Charges (\$): \$30,570.43
 Total Annual Gas Use (therms): 8,362
 Total Annual Gas Charges (\$): \$8,330.27
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 8456871349

Gas Utility: PG&E

Gas Utility Account #: 8456871349 Demand Annual Annual Annual Annual Annual Other Non- Total/Version

Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
26	32,915				\$7,071.82	\$107,000.00	\$1,646.00		\$1,646.00	1.32
1	3,898				\$837.51	\$26,800.00	\$194.00		\$194.00	.82
	3,481				\$747.85	\$7,300.00				1.01

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
3.59 kWh/SF	.21	
\$0.77 Cost/SF	\$0.21 Cost/SF	
Energy Costs/SF/Year:	\$0.98	Energy Use(Kbtu)/SF/Year: 59.52

Site Information

Project Start Date: 5/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

Benchmarking

Square Footage of School/Site: 44,217
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 82,622
 Total Annual Electric Charges (\$): \$13,035.92
 Total Annual Gas Use (therms): 7,817
 Total Annual Gas Charges (\$): \$8,025.71
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 1154781257

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

School or Site Information

School/Site Name: Sankofa Academy
 School/Site CDS Code: 01612590110254
 School/Site Mailing Address: 581 61st St.
 City: Oakland
 Zip Code: 94609-1248

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$74,954.00

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
1.87 kWh/SF	\$.18 Cost/SF	
\$.29 Cost/SF		
Energy Costs/SF/Year:	\$.48	Energy Use(Kbtu)/SF/Year: 37.70

6

Energy Efficiency Measure	Description	Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
Lighting- Interior Fixture Retrofit	Retrofit 327 T8 and T12 interior fixtures with new, high efficiency LED fixtures and drivers.	13	20,777				\$3,278.12	\$56,300.00	\$1,039.00		\$1,039.00	1.21
Lighting- Exterior Fixture Retrofit	Replace 7 HPS exterior fixtures with new LED fixtures. . Retrofit 2 T8 exterior fixtures and replace with new LED fixtures and driver.	1	4,139				\$653.04	\$15,600.00	\$207.00		\$207.00	.97
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level			1,300			\$205.16	\$4,300.00				.59

Energy Efficiency Narrative Description

Retrofit 327 T8 and T12 interior fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 7 HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. Retrofit 2 T8 exterior fixtures and replace with new LED fixtures and driver.

Site Project Summary

Total Demand Savings	14	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$74,954.00
Total Annual Electric Savings	26,216	Total Annual Cost Savings	\$4,136.32	Savings-to-investment Ratio (SIR)	1.13
Total Annual Natural Gas Savings		Total Project Cost	\$76,200.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$1,246.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$1,246.00

Site Information

Project Start Date: 5/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

School or Site Information

School/Site Name: Skyline High
 School/Site CDS Code: 01612590137943
 School/Site Mailing Address: 12250 Skyline Blvd.
 City: Oakland
 Zip Code: 94619-2425

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$669,750.00

6

Energy Efficiency Measure

Energy Efficiency Measure	Description
Lighting- Interior Fixture Retrofit	Retrofit 2,055 T8 interior fixtures and replace 54 CFL High Bay fixtures at Gym with new, high efficiency LED fixtures and drivers.
Lighting- Exterior Fixture Retrofit	Replace 351 HPS exterior fixtures with new LED fixtures
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level

Energy Efficiency Narrative Description

Retrofit 2,055 T8 interior fixtures and replace 54 CFL High Bay fixtures at Gym with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 351 HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.

Site Project Summary

Total Demand Savings 133
 Total Annual Electric Savings 229,082
 Total Annual Natural Gas Savings
 Total Annual Propane Savings

Total Annual Fuel Oil Savings
 Total Annual Cost Savings \$44,188.03
 Total Project Cost \$680,200.00
 Total Rebates \$10,450.00

Total Prop 39 Share \$669,750.00
 Savings-to-investment Ratio (SIR) 1.26
 Total Cost Paid Under PPA
 Total Other Non-Repayable Funds

Overall Total Leveraged Funding (\$) \$10,450.00

Benchmarking

Square Footage of School/Site: 210,998
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 654,629
 Total Annual Electric Charges (\$): \$126,272.97
 Total Annual Gas Use (therms): 55,651
 Total Annual Gas Charges (\$): \$43,761.31
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 7212157789

Gas Utility: PG&E

Gas Utility Account #: 7212157789

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
Cost/SF	Cost/SF	Cost/SF
3.10 kWh/SF	.26 Therms/SF	
\$.60 Cost/SF	\$.21 Cost/SF	
Energy Costs/SF/Year:	\$.81	Energy Use(Kbtu)/SF/Year: 59.62

Demand Annual Annual Annual Annual Annual Other Non- TotalVersion

Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
116	160,774				\$31,012.03	\$494,000.00	\$8,038.00		\$8,038.00	1.28
17	48,249				\$9,306.77	\$152,700.00	\$2,412.00		\$2,412.00	1.25
	20,059				\$3,869.23	\$33,500.00				1.11

Site Information

Project Start Date: 5/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

School or Site Information

School/Site Name: West Oakland Middle
 School/Site CDS Code: 01612590115626
 School/Site Mailing Address: 991 14th St.
 City: Oakland
 Zip Code: 94607-3230

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$291,831.00

6

Energy Efficiency Measure

Energy Efficiency Measure	Description	Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
Lighting- Interior Fixture Retrofit	Retrofit 723 T8 and 40 T5 interior fixtures, and replace 24 CFL High Bay fixtures with new, high efficiency LED fixtures and drivers	48	83,565				\$18,386.16	\$191,700.00	\$4,178.00		\$4,178.00	1.76
Lighting- Exterior Fixture Retrofit	Replace 41 HPS and 4 Metal Halide exterior fixtures with new LED fixtures. Retrofit 36 T8 exterior fixtures and replace with new LED fixtures and driver	10	43,839				\$9,645.50	\$92,000.00	\$2,191.00		\$2,191.00	1.89
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level		5,096				\$1,121.17	\$14,500.00				.82

Energy Efficiency Narrative Description

Retrofit 723 T8 and 40 T5 interior fixtures, and replace 24 CFL High Bay fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 41 HPS and 4 Metal Halide exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. Retrofit 36 T8 exterior fixtures and replace with new LED fixtures and driver.

Site Project Summary

Total Demand Savings	58	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$291,831.00
Total Annual Electric Savings	132,500	Total Annual Cost Savings	\$29,152.83	Savings-to-investment Ratio (SIR)	1.76
Total Annual Natural Gas Savings		Total Project Cost	\$298,200.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$6,369.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$6,369.00

Benchmarking

Square Footage of School/Site: 101,567
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 57,704
 Total Annual Electric Charges (\$): \$62,096.87
 Total Annual Gas Use (therms): 6,547
 Total Annual Gas Charges (\$): \$6,490.73
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 6849061893

Gas Utility: PG&E

Gas Utility Account #: 6849061893 Demand Annual Annual Annual Annual Annual Other Non- Total Version

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
.57 kWh/SF	.06 Therms/SF	
\$.61 Cost/SF	\$.06 Cost/SF	
Energy Costs/SF/Year:	\$.68	Energy Use(Kbtu)/SF/Year: 12.53

Site Information

Project Start Date: 10/11/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

School or Site Information

School/Site Name: Claremont Middle
 School/Site CDS Code: 01612596057004
 School/Site Mailing Address: 5750 College Ave.
 City: Oakland
 Zip Code: 94618-1629

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$284,097.00

6

Energy Efficiency Measure
 Lighting- Retrofit Interior Lamps to LED
 Lighting- Exterior Fixture Retrofit
 Lighting Controls

Description
 Retrofit T8 interior fixtures with new, high efficiency LED fixtures and drivers.
 Replace HPS exterior fixtures with new LED fixtures
 Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase light when pedestrians approach and otherwise stay at low level

Energy Efficiency Narrative Description

Retrofit 753 T8 interior fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 20 HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.

Site Project Summary

Total Demand Savings	40	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$284,097.00
Total Annual Electric Savings	85,383	Total Annual Cost Savings	\$17,472.55	Savings-to-investment Ratio (SIR)	1.21
Total Annual Natural Gas Savings		Total Project Cost	\$288,100.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$4,003.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$4,003.00

Benchmarking

Square Footage of School/Site: 59,714
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 313,506
 Total Annual Electric Charges (\$): \$64,155.15
 Total Annual Gas Use (therms): 5,432
 Total Annual Gas Charges (\$): \$5,290.85
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 8124468923

Gas Utility: PG&E

Gas Utility Account #: 8124468923 Demand Annual Annual Annual Annual Annual Other Non- TotalVersion

Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
36	64,595				\$13,218.65	\$213,100.00	\$3,229.00		\$3,229.00	1.26
4	15,494				\$3,170.57	\$58,900.00	\$774.00		\$774.00	1.14
		5,294			\$1,083.33	\$16,100.00				.74

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity W/SF	Natural Gas Therms/SF	Other Fuels Gals/SF
5.25 kWh/SF	.09	
\$1.07 Cost/SF	\$0.09 Cost/SF	
Energy Costs/SF/Year:	\$1.16	Energy Use(Kbtu)/SF/Year: 65.36

Site Information

Project Start Date: 10/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

Benchmarking

Square Footage of School/Site: 39,000
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 267,159
 Total Annual Electric Charges (\$): \$54,236.30
 Total Annual Gas Use (therms): 12,792
 Total Annual Gas Charges (\$): \$12,732.34
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 9143215793

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

School or Site Information

School/Site Name: Global Family
 School/Site CDS Code: 01612590115584
 School/Site Mailing Address: 2035 40th Ave.
 City: Oakland
 Zip Code: 94601-4203

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$242,810.00

Energy Use Intensity Calculator

	Electricity		Natural Gas		Other Fuels
	W/SF	.33	Therms/SF		Gals/SF
6.85	kWh/SF	\$1.39	Cost/SF		Cost/SF
	Energy Costs/SF/Year:	\$1.72	Energy Use(Kbtu)/SF/Year:	106.21	

6

Energy Efficiency Measure	Description	Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
Lighting- Interior Fixture Retrofit	Retrofit 755 T8 interior fixtures and replace 12 Metal Halide High Bay fixtures with new, high efficiency LED fixtures and drivers.	25	40,370				\$8,195.57	\$181,300.00	\$2,007.00		\$2,007.00	1.02
Lighting- Exterior Fixture Retrofit	Replace HPS exterior fixtures with new LED fixtures	1	5,460				\$1,108.44	\$50,100.00	\$283.00		\$283.00	.69
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.		4,827				\$980.93	\$13,700.00				.77

Energy Efficiency Narrative Description

Retrofit 755 T8 interior fixtures and replace 12 Metal Halide High Bay fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.

Site Project Summary

Total Demand Savings	26	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$242,810.00
Total Annual Electric Savings	50,657	Total Annual Cost Savings	\$10,284.94	Savings-to-investment Ratio (SIR)	.94
Total Annual Natural Gas Savings		Total Project Cost	\$245,100.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$2,290.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$2.290.00

Site Information

Project Start Date: 10/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 0161259000000

Benchmarking

Square Footage of School/Site: 96,876
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 386,219
 Total Annual Electric Charges (\$): \$71,997.81
 Total Annual Gas Use (therms): 14,647
 Total Annual Gas Charges (\$): \$13,413.54
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 4843924839

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

School or Site Information

School/Site Name: Elmhurst Community Prep
 School/Site CDS Code: 01612590112789
 School/Site Mailing Address: 1800 98th Ave.
 City: Oakland
 Zip Code: 94603-2702

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$348,768.00

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	.15 Therms/SF	Gals/SF
3.99 kWh/SF	\$.14 Cost/SF	Cost/SF
\$.74 Cost/SF		
Energy Costs/SF/Year:	\$.88	Energy Use(Kbtu)/SF/Year: 57.84

6

Energy Efficiency Measure	Description	Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
Lighting- Interior Fixture Retrofit	Retrofit T8 interior fixtures replace T5 High Bay fixtures with new LED fixtures and drivers.	558	92,664				\$17,274.21	\$262,000.00	\$4,633.00	\$4,633.00	1.32
Lighting- Exterior Fixture Retrofit	Replace HPS with new LED fixtures . Retrofit T8 exterior fixtures and replace with new LED fixtures and driver .	4	15,982				\$2,979.32	\$72,400.00	\$799.00	\$799.00	.96
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements.. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. P		8,072				\$1,504.77	\$19,800.00			.81

Energy Efficiency Narrative Description

Retrofit 953 T8 interior fixtures. Replace 30 T5 High Bay fixtures at Gym with new LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 36 HPS with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. Retrofit 10 T8 exterior fixtures and replace with new LED fixtures and driver .

Site Project Summary

Total Demand Savings	562	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$348,768.00
Total Annual Electric Savings	116,718	Total Annual Cost Savings	\$21,758.30	Savings-to-investment Ratio (SIR)	1.22
Total Annual Natural Gas Savings		Total Project Cost	\$354,200.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$5,432.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$5,432.00

Site Information

Project Start Date: 10/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 0161259000000

School or Site Information

School/Site Name: Melrose Leadership Academy
 School/Site CDS Code: 01612596118640
 School/Site Mailing Address: 4730 Fleming Ave.
 City: Oakland
 Zip Code: 94619-2515

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$125,573.00

6

Energy Efficiency Measure

Energy Efficiency Measure	Description	Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
Lighting- Interior Fixture Retrofit	Retrofit 485 T8 interior fixtures and replace 6 CFL High Bay fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements.	19	27,961				\$5,791.38	\$96,600.00	\$1,398.00		\$1,398.00	1.23
Lighting- Exterior Fixture Retrofit	Replace 6 HPS exterior fixtures with new LED fixtures	1	4,581				\$948.88	\$24,000.00	\$229.00		\$229.00	.94
Lighting Controls	Provide new occupancy sensors to meet T-24 requirement. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.		2,979				\$617.06	\$6,600.00				.94

Energy Efficiency Narrative Description

Retrofit 485 T8 interior fixtures and replace 6 CFL High Bay fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 6 HPS exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.

Site Project Summary

Total Demand Savings	20	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$125,573.00	
Total Annual Electric Savings	35,521	Total Annual Cost Savings	\$7,357.32	Savings-to-investment Ratio (SIR)	1.16	
Total Annual Natural Gas Savings		Total Project Cost	\$127,200.00	Total Cost Paid Under PPA		
Total Annual Propane Savings		Total Rebates	\$1,627.00	Total Other Non-Repayable Funds		
					Overall Total Leveraged Funding (\$)	\$1.627.00

Benchmarking

Square Footage of School/Site: 40,937
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 127,146
 Total Annual Electric Charges (\$): \$26,335.02
 Total Annual Gas Use (therms): 21,543
 Total Annual Gas Charges (\$): \$19,192.19
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 866435659

Gas Utility: PG&E

Gas Utility Account #: 866435659 Demand Annual Annual Annual Annual Annual Other Non- TotalVersion

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
Cost/SF	Cost/SF	Cost/SF
3.11 kWh/SF	.53 Therms/SF	
\$.64 Cost/SF	\$.47 Cost/SF	
Energy Costs/SF/Year:	\$1.11	Energy Use(Kbtu)/SF/Year: 85.91

Site Information

Project Start Date: 5/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 0161259000000

School or Site Information

School/Site Name: Oakland Technical High
 School/Site CDS Code: 01612590136051
 School/Site Mailing Address: 4351 Broadway
 City: Oakland
 Zip Code: 94611-4612

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$1,367,560.00

6

Energy Efficiency Measure

Energy Efficiency Measure	Description
Lighting- Interior Fixture Retrofit	Retrofit 2,227 T8 interior fixtures and replace 12 CFL High Bay fixtures with new, high efficiency LED fixtures and drivers.
Lighting- Exterior Fixture Retrofit	Replace HPS and Metal Halide exterior fixtures with new LED fixtures
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level

Energy Efficiency Narrative Description

Retrofit 2,227 T8 interior fixtures and replace 12 CFL High Bay fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 88 HPS and 13 Metal Halide exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. Retrofit 32 T8 exterior fixtures and replace with new LED fixtures and driver.

Site Project Summary

Total Demand Savings 120
 Total Annual Electric Savings 243,099
 Total Annual Natural Gas Savings
 Total Annual Propane Savings

Total Annual Fuel Oil Savings
 Total Annual Cost Savings \$43,867.77
 Total Project Cost \$1,379,200.00
 Total Rebates \$11,640.00

Total Prop 39 Share \$1,367,560.00
 Savings-to-investment Ratio (SIR) .81
 Total Cost Paid Under PPA
 Total Other Non-Repayable Funds

Overall Total Leveraged Funding (\$) \$11,640.00

Benchmarking

Square Footage of School/Site: 280,564
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 1,526,682
 Total Annual Electric Charges (\$): \$275,493.84
 Total Annual Gas Use (therms): 41,630
 Total Annual Gas Charges (\$): \$33,531.87
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 7212157789

Gas Utility: PG&E

Gas Utility Account #: 7212157789 Demand Annual Annual Annual Annual Annual Other Non- Total Version

Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
109	183,299				\$33,076.83	\$1,015,200.0	\$9,164.00		\$9,164.00	.84
11	49,527				\$8,937.21	\$286,000.00	\$2,476.00		\$2,476.00	.82
	10,273				\$1,853.73	\$78,000.00				.40

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity W/SF	Natural Gas Therms/SF	Other Fuels Gals/SF
5.44 kWh/SF	.15	
\$.98 Cost/SF	\$.12 Cost/SF	
Energy Costs/SF/Year: \$1.10	Energy Use(Kbtu)/SF/Year: 73.15	

Site Information

Project Start Date: 10/17/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

School or Site Information

School/Site Name: McClymonds High
 School/Site CDS Code: 01612590110189
 School/Site Mailing Address: 2607 Myrtle St.
 City: Oakland
 Zip Code: 94607-3415

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$1,724,704.00

6

Energy Efficiency Measure	Description	Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
Lighting- Interior Fixture Retrofit	Retrofit 1,516 T8 interior fixtures and replace 24 CFL High Bay fixtures at Gym	78	122,079				\$15,772.95	\$273,800.00	\$6,104.00		\$6,104.00	1.21
Lighting- Exterior Fixture Retrofit	Replace 22 HPS and 59 Metal Halide exterior fixtures with new LED fixtures. Retrofit 16 T8 exterior fixtures and replace with new LED fixtures and driver.	3	7,843				\$1,013.28	\$75,700.00	\$392.00		\$392.00	.56
Lighting Controls	Provide new occupancy sensors to meet T-24 requirements. Provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level.		7,471				\$965.34	\$20,700.00				.58
HVAC- Chiller/Boiler Replacement	Replace three (3) 2500 MBH steam boilers and six (6) 225MBH furnaces with new high efficiency units. Replace steam coils for auditorium			10,195			\$8,360.00	\$1,801,000.0		\$440,000.00	\$440,000.00	.74

Energy Efficiency Narrative Description

Retrofit 1,516 T8 interior fixtures and replace 24 CFL High Bay fixtures at Gym with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements. Replace 22 HPS and 59 Metal Halide exterior fixtures with new LED fixtures and provide dual level motion sensors which increase lighting level when pedestrians approach and otherwise stay at low level. Retrofit 16 T8 exterior fixtures and replace with new LED fixtures and driver. Replace three (3) 2500 MBH steam boilers and six (6) 225MBH furnaces with new high efficiency units. Replace steam coils for auditorium. Change 164 radiator valves and pneumatic thermostats to DDC, use existing gateway. Change pneumatic controls to DDC on auditorium AHU

Site Project Summary

Total Demand Savings	81	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$1,724,704.00
Total Annual Electric Savings	137,393	Total Annual Cost Savings	\$26,111.57	Savings-to-investment Ratio (SIR)	.80
Total Annual Natural Gas Savings	10,195	Total Project Cost	\$2,171,200.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$6,496.00	Total Other Non-Repayable Funds	\$440,000.00
				Overall Total Leveraged Funding (\$)	\$446,496.00

Benchmarking

Square Footage of School/Site: 111,814
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 402,895
 Total Annual Electric Charges (\$): \$52,055.29
 Total Annual Gas Use (therms): 46,797
 Total Annual Gas Charges (\$): \$38,175.75
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 1437937202

Gas Utility: PG&E

Gas Utility Account #: 1437937202

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
3.60 kWh/SF	.42	
\$.47 Cost/SF	\$.34 Cost/SF	Cost/SF
Energy Costs/SF/Year:	\$.81	Energy Use(Kbtu)/SF/Year: 80.47

Demand Annual Annual Annual Annual Annual Other Non- Total Version

Site Information

Project Start Date: 10/10/2017
 Completion Date: 6/30/2018
 Local Education Agency: Oakland Unified
 LEA CDS Code: 01612590000000

School or Site Information

School/Site Name: Bella Vista Elementary
 School/Site CDS Code: 01612596001655
 School/Site Mailing Address: 1025 East 28th St.
 City: Oakland
 Zip Code: 94610-4018

Energy Efficiency Project Summary

Measure Savings Source:
 Measure Savings Source: Energy audit/feasibility study
 Proposition 39 Share to be used for
 Measure Implementation (\$): \$20,004.00

Benchmarking

Square Footage of School/Site: 54,784
 Average Peak Demand (kW):
 Total Annual Electric Use (kWh): 154,255
 Total Annual Electric Charges (\$): \$30,057.49
 Total Annual Gas Use (therms): 12,389
 Total Annual Gas Charges (\$): \$11,532.39
 Total Annual Propane Use (gals):
 Total Annual Propane Charges (\$):
 Total Annual Fuel Oil Use (gals):
 Total Annual Fuel Oil Charges (\$):
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: PG&E
 Electric Utility Account #: 207090425

Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator

Electricity	Natural Gas	Other Fuels
W/SF	Therms/SF	Gals/SF
2.82 kWh/SF	\$.21 Cost/SF	Cost/SF
\$.55 Cost/SF		
Energy Costs/SF/Year:	\$.76	Energy Use(Kbtu)/SF/Year: 52.79

Gas Utility: PG&E

Gas Utility Account #: 207090425 Demand Annual Annual Annual Annual Annual Other Non- TotalVersion

Energy Efficiency Measure	Description	Savings (kW)	Electric Savings	Nat. Gas Savings	Propane Savings	Fuel Oil Savings	Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Repayable Funds (\$)	Leveraged Funding (\$)	EEM SIR
Lighting- Retrofit Interior Lamps to LED	Retrofit 86 lighting fixtures with new high efficiency LED lamps	3	4,158				\$810.00	\$18,700.00	\$196.00		\$196.00	.99
Lighting Controls	Provide new controls to meet T24 requirements		302				\$59.00	\$1,500.00				.52

Energy Efficiency Narrative Description

Retrofit 200 T8 interior fixtures with new, high efficiency LED fixtures and drivers. Provide new occupancy sensors to meet T-24 requirements.

Site Project Summary

Total Demand Savings	3	Total Annual Fuel Oil Savings		Total Prop 39 Share	\$20,004.00
Total Annual Electric Savings	4,460	Total Annual Cost Savings	\$869.00	Savings-to-investment Ratio (SIR)	.96
Total Annual Natural Gas Savings		Total Project Cost	\$20,200.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$196.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$196.00

Exhibit "B"
Scope of Work

Design-Builder shall provide all professional services and work ("Services" or "Work") necessary for completing the following:

A. SCOPE OF PROJECT

The Project shall consist of all Project Sites identifies in Section 9 of the Agreement, and all Services required to fully implement the District's EEP attached to the Agreement as Exhibit "A," including Services relating to interior and exterior lighting upgrades/retrofits, lighting control upgrades (collectively, the "Lighting Retrofit Project", and HVAC upgrades at McClymonds High School ("HVAC Project") as set forth in this Exhibit "B."

B. THE WORK

1. **Lighting Retrofits.** Within ten (10) days of approval of the Agreement by District's Board, District shall issue a Notice to Proceed.
 - (a) Schedule. Design-Builder immediately shall develop, subject to District approval, a master Lighting Retrofit schedule using Microsoft Project®, Design-Builder will establish weekly construction meetings on a day and time mutually agreeable to District, at which time the Work of the previous week will be reviewed and a two-week look ahead will be coordinated with and approved by District. The Lighting Retrofit schedule will be updated monthly.
 - (b) Design-Builder shall then prosecute the Work to complete the Lighting Retrofit at each Project Site as follows:

ECM #1 – Interior & Exterior Lighting Retrofits

The table below lists the locations of the interior and exterior lighting retrofits. For detailed descriptions of each interior and exterior lighting retrofit refer to Attachment 1, Detailed Lighting Scope of Work.

School	Interior	Exterior
Allendale Elementary School	x	X
Bella Vista Elementary School	x	
Claremont Middle School	x	X
Elmhurst Middle School	x	X
Garfield Elementary School	x	X
Global Family School	x	X
Henry J. Kaiser, Jr. Elementary School	x	X
McClymonds High School	x	X
Melrose Leadership Academy (formerly Maxwell Park Middle School)	x	X
Oakland Technical High School	x	X
Sequoia Elementary School	x	X

Skyline High School	x	X
Washington Elementary (Sankofa Academy)	x	X
West Oakland Middle School at Lowell	x	X

Scope of Work:

Provide and install new lighting fixtures or retrofit kits as identified in Attachment 1. The following is a summary of typical retrofits.

- a. Interior Retrofits
 - i. **High Efficiency light emitting diode (LED) Upgrades** – where indicated, replace 32-34 watt T8 and T12 lamps and ballasts with new LED lamps and drivers or new LED fixtures.
 - ii. **Hi-Bay Gym Fixture Upgrades** – where indicated, replace existing hi-bay, HID fixtures with new LED hi-bay fixtures, one for one.
 - iii. **Lighting Controls** – where indicated, provide and install occupancy sensors in locations.
 - iv. **Emergency Ballasts** – where indicated, provide and install new emergency ballasts at existing locations.
 - b. Exterior Retrofit
 - i. **LED Lighting for Exterior Applications** – where indicated, replace high pressure sodium (HPS), low pressure sodium (LPS) and metal halide (MH) fixtures throughout the sites with new LED fixtures as set forth in Attachment 1.
 - ii. **Lighting Controls** – where indicated, provide and install occupancy sensors, photocells and dimming controls in locations per Attachment 1.
2. **HVAC Project Design.** Design-Builder will proceed with design of the HVAC Project following receipt of the Notice to Proceed.
- (a) Schedule. Design-Builder shall immediately develop, subject to District approval, a master schedule for the HVAC Project, including design, construction, and HVAC Project completion. Design-Builder will establish weekly HVAC Project design and construction meetings on a day and time mutually agreeable to District, at which time the Work of the previous week will be reviewed and a two-week look ahead will be coordinated with and approved by District. The HVAC Project schedule will be updated monthly.
 - (b) Design-Builder shall then commence development of the any necessary Construction Documents. Design-Builder shall also verify lead times and availability of all HVAC Project equipment, materials, and supplies and ensure that all of these will be available to Design-Builder and/or its subcontractors so as not to delay the HVAC Project.
 - (c) 50% Drawings. Design-Builder shall prepare and provide to District for District’s review and approval 50% design Drawings and Specifications.
 - (i) Unless waived in writing by District, no sooner than fifteen (15) business days after providing the District with the 50% Drawings, Design-Builder shall meet with District to review and incorporate District’s comments. Design-Builder shall incorporate reasonable District comments into the drawings at no additional expense to the District.

- (d) 100% Drawings. Design-Builder shall prepare and provide to District for District's review and approval 100% Drawings and Specifications.
 - (i) Unless waived in writing by District, no sooner than fifteen (15) business days after providing the District with the 100% Drawings, Design-Builder shall meet with District to review and incorporate District's comments. Design-Builder shall incorporate reasonable District comments into the drawings at no additional expense to the District.
- (e) Construction Documents Final Back-Check Stage. The Construction Documents final back-check stage shall be for the purpose of incorporating all regulatory agencies' comments into the drawings, specifications, and estimate. All changes made during this stage shall be at no additional cost to the District.
- (f) District's Responsibilities During HVAC Project Design.
 - (i) District will designate a representative with whom Design-Builder may consult on a reasonable, regular basis and who is authorized to act on District's behalf with respect to the Project design.
 - (ii) Within ten (10) Business Days after Design-Builder's request, District will:
 - (1) furnish all surveys or other information in District's possession, located after a reasonable search, that describe the physical characteristics, legal limitations, and utility locations in and around the Project Site;
 - (2) disclose any prior environmental review documentation and all information in its possession, located after a reasonable search, concerning subsurface conditions, including without limitation the existence of any known Hazardous Substances, in or around the general area of the Project Site;
 - (3) supply Design-Builder with all relevant information in District's possession, located after a reasonable search, including any as-built drawings and photographs, of prior construction undertaken at the Project Site to the extent such documents are specifically requested by Design-Builder;
 - (4) Design-Builder will be entitled to rely upon the accuracy and completeness of all information provided pursuant to this Section, however, nothing in this Section and no information received by Design-Builder shall excuse Design-Builder from its obligations pursuant to Section 19, inclusive of subsections, of the Agreement.

3. HVAC Project Construction.

- (a) General Provisions. Upon completion of Construction Documents, Design-Builder will then commence the construction of the HVAC Project in accordance with the Construction Documents. The construction will be performed in accordance with all

Applicable Laws and Applicable Permits, by Design-Builder and/or one or more licensed subcontractors qualified to perform the Work.

(b) Design-Builder's Responsibilities during Construction Phase.

- (i) As an independent contractor to District, Design-Builder will provide, or cause to be provided by its subcontractor(s), all labor, materials, equipment, tools, transportation, and other facilities and services necessary for the proper execution, construction, and completion of the Work. Design-Builder will purchase in advance all necessary materials and supplies for the construction of the HVAC Project in order to assure the prompt and timely delivery of the completed Work pursuant to the project schedule. Design-Builder shall be responsible for storing all materials, equipment, and tools used on the HVAC Project and shall be responsible for keeping the same safe. Design-Builder will also be responsible for all means, methods, techniques, sequences, and procedures required by the Construction Documents.
- (ii) Design-Builder will make commercially reasonable efforts to coordinate construction activities and perform the Work and will coordinate the Work to avoid disruption to District's operations at the HVAC Project Site. Power disruptions shall not be permitted while the HVAC Project Site facilities are in use. However, Design-Builder may request the use of a planned power outage for the HVAC Project, provided the planned power outage is scheduled for a time and date when the HVAC Project Site facilities will not be in use. Any such request shall be submitted to District in writing at least fifteen (15) calendar days before the requested date of the planned power outage. Design-Builder will cooperate with District in scheduling such outages, and District agrees to provide reasonable approval of appropriately scheduled outage(s) that do not impact HVAC Project Site facilities usage.
- (iii) Design-Builder will initiate and maintain a safety program in connection with its Construction of the HVAC Project. Design-Builder will take reasonable precautions for the safety of, and will provide reasonable protection to prevent damage, injury, or loss to: (i) employees of Design-Builder and subcontractors performing Work under the Contract; (ii) Design-Builder's property and other materials to be incorporated into the HVAC Project, under the care, custody, and control of Design-Builder or its subcontractors; and (iii) other property at or adjacent to the HVAC Project Site not designated for removal, relocation, or replacement during the course of construction.
- (iv) Design-Builder will coordinate with District to schedule test(s) of installed equipment on mutually agreeable dates and times approved by the District, and District and/or its designees will have the right to be present at any or all such tests conducted by Design-Builder, any subcontractor, and/or manufacturers of the equipment.

(c) District's Responsibilities during Construction Phase.

- (i) District will designate a single-point representative authorized to act on District's behalf with respect to HVAC Project construction and/or equipment installation. District may from time to time change the designated representative and will provide written notice to Design-Builder of such change.

- (ii) District will provide sufficient space at the Project Site(s) for the performance of the Work and the installation and operation of any equipment and materials. District will not unreasonably restrict Design-Builder's access to Project Site(s) to make emergency repairs or corrections as are necessary.
 - (iii) District will maintain the portion of the HVAC Project Site that is not directly affected by Design-Builder's Work. Design-Builder shall maintain the portion of the HVAC Project Site that is directly affect by Design-Builder's Work.
 - (iv) District will coordinate the Work to be performed by Design-Builder with its own operations and with any other construction project that is ongoing at or around the HVAC Project Site.
 - (v) District will, and will cause District Persons to, provide Design-Builder and/or its subcontractors with reasonable access to the HVAC Project Site to perform the Work, including access to perform Work on Saturdays, Sundays, legal holidays, and non-regular working hours. However, Design-Builder shall be responsible for any and all extra fees, costs, and expenses with accessing the HVAC Project on Saturdays, Sundays, legal holidays, and non-regular working hours.
- (d) District will also do the following:
- (i) Attend the regularly scheduled progress meetings. Participate as needed regarding scheduling of the Work.
 - (ii) When requested by Design-Builder and when set on a mutually agreeable time and date, participate in the job inspection walk-through with Design-Builder to determine Substantial Completion or Beneficial Use of major equipment, and will sign the Certificate(s) of Substantial Completion.
 - (iii) Upon the completion of the entire Scope of Work listed in Exhibit B, including training, if any, and submission of close-out documents, sign a Certificate of Final Completion for the entire Project.
- (e) Design-Builder shall prosecute the Work to complete the HVAC Project as follows:

ECM #2 – HVAC Upgrades

The table below lists the locations of the HVAC and Controls retrofits.

School	HVAC + Controls
McClymonds High School	x

Scope of Work:

1. Replace three (3) existing 2,500 MBH Ajax steam boilers with new equivalent boilers
2. Replace steam coils on one (1) Air Handling Unit (AHU) serving auditorium with new equivalent coil and convert existing pneumatic controls on AHU to Direct Digital Control (DDC). The new DDC shall monitor the following for the AHU.

AIR HANDLING UNITS	AI	AO	DI	DO
SA Temperature	x			

RA Temperature	x			
Mixed Air Temperature	x			
Outside Air Temperature	x			
Heating 2 Way Control Valve Position Command				X
Supply Fan Start/ Stop Command		x		X
Supply Fan Status			x	
Supply Fan Trip				X
Return Fan Start/ Stop Command		x		X
Return Fan Status			x	
Return Fan Trip				X
Outside Air Damper Control				X
Return Air Damper Control				X
Supply Fan VFD Speed				X
Supply Fan VFD kW				X
Return Fan VFD Speed				X
Return Fan VFD kW				X

Abbreviations

- AI – Analog Input
- A0 – Analog Output
- DI – Digital Input
- DO – Digital Output

3. Replace six (6) 225 MBH furnaces serving gym with new equivalent furnaces.
4. Replace one hundred sixty-four (164) radiator valves and (61) pneumatic thermostats with new equivalent radiator valve new digital thermostat in classrooms and main building at the following locations:

Bldg	Area/Room	Area Type
Main	Community Room	Office (Open)
Main	Community Room	Office (Open)
Main	Community Room	Office (Open)
Main	122	Classroom (High)
Main	122	Classroom (High)
Main	123	Classroom (High)
Main	123	Classroom (High)
Main	124	Classroom (High)
Main	124	Classroom (High)
Main	121	Classroom (High)
Main	121	Classroom (High)
Main	119	Classroom (High)
Main	119	Classroom (High)
Main	118	Classroom (High)
Main	118	Classroom (High)
Main	118	Classroom (High)
Main	105	Classroom (High)
Main	105	Classroom (High)

Main	105	Classroom (High)
Main	117	Classroom (High)
Main	117	Classroom (High)
Main	116	Classroom (High)
Main	116	Classroom (High)
Main	116	Classroom (High)
Main	107	Classroom (High)
Main	107	Classroom (High)
Main	107	Classroom (High)
Main	115	Classroom (High)
Main	115	Classroom (High)
Main	115	Classroom (High)
Main	108	Office (Open)
Main	108	Office (Open)
Main	108	Office (Open)
Main	114	Classroom (High)
Main	114	Classroom (High)
Main	114	Classroom (High)
Main	110	Classroom (High)
Main	110	Classroom (High)
Main	111	Classroom (High)
Main	111	Classroom (High)
Main	112	Classroom (High)
Main	210	Classroom (High)
Main	211	Classroom (High)
Main	211	Classroom (High)
Main	211	Classroom (High)
Main	212	Classroom (High)
Main	212	Classroom (High)
Main	212	Classroom (High)
Main	208	Classroom (High)
Main	208	Classroom (High)
Main	208	Classroom (High)
Main	214	Classroom (High)
Main	214	Classroom (High)
Main	214	Classroom (High)
Main	215	Classroom (High)
Main	215	Classroom (High)
Main	215	Classroom (High)
Main	207	Classroom (High)
Main	207	Classroom (High)
Main	207	Classroom (High)
Main	206	Classroom (High)
Main	206	Classroom (High)
Main	206	Classroom (High)
Main	216	Classroom (High)
Main	216	Classroom (High)
Main	216	Classroom (High)
Main	204	Classroom (High)
Main	204	Classroom (High)
Main	204	Classroom (High)
Main	217	Classroom (High)
Main	217	Classroom (High)

Main	217	Classroom (High)
Main	218	Classroom (High)
Main	218	Classroom (High)
Main	218	Classroom (High)
Main	203	Classroom (High)
Main	203	Classroom (High)
Main	203	Classroom (High)
Main	219	Classroom (High)
Main	219	Classroom (High)
Main	219	Classroom (High)
Main	202	Classroom (High)
Main	202	Classroom (High)
Main	202	Classroom (High)
Main	201	Break
Main	201	Break
Main	201	Break
Main	220	Classroom (High)
Main	220	Classroom (High)
Main	220	Classroom (High)
Main	221	Classroom (High)
Main	221	Classroom (High)
Main	221	Classroom (High)
Main	200	Classroom (High)
Main	200	Classroom (High)
Main	200	Classroom (High)
Main	225	Classroom (High)
Main	225	Classroom (High)
Main	225	Classroom (High)
Main	226	Classroom (High)
Main	226	Classroom (High)
Main	226	Classroom (High)
Main	312	Classroom (High)
Main	312	Classroom (High)
Main	312	Classroom (High)
Main	311	Classroom (High)
Main	311	Classroom (High)
Main	301	Classroom (High)
Main	301	Classroom (High)
Main	301	Classroom (High)
Main	310	Classroom (High)
Main	310	Classroom (High)
Main	310	Classroom (High)
Main	302	Classroom (High)
Main	302	Classroom (High)
Main	302	Classroom (High)
Main	309	Classroom (High)
Main	309	Classroom (High)
Main	309	Classroom (High)
Main	303	Classroom (High)
Main	303	Classroom (High)
Main	303	Classroom (High)
Main	308	Classroom (High)
Main	308	Classroom (High)

Main	308	Classroom (High)
Main	304	Classroom (High)
Main	304	Classroom (High)
Main	304	Classroom (High)
Main	305	Classroom (High)
Main	305	Classroom (High)
Main	305	Classroom (High)
Main	306	Classroom (High)
Main	306	Classroom (High)
Main	306	Classroom (High)
Main	Conference	Conference
Main	Office	Office (Open)
Main	Lobby	Lobby
Main	222	Classroom (High)
Main	222	Classroom (High)
Main	222	Classroom (High)
Main	223	Library
Main	223	Library
Main	223	Office (Private)
Main	223	Office (Private)
Main	223	Office (Private)
Main	224	Classroom (High)
Main	103A	Office (Private)
Main	103B	Office (Private)
Main	104	Classroom (High)
Main	104	Classroom (High)
Main	118	Classroom (High)
Main	118	Classroom (High)
Main	Hallway	Hallway
Main	Auditorium	Recreation/Fitness
Main	Auditorium	Recreation/Fitness
Main	209	Classroom (High)
Main	Health Center	Office (Open)
Main	Youth Center	Classroom (High)
Gymnasium	Gym	Gym

Standards of Occupancy and Control

The following standards are a guideline used to evaluate the energy conservation measures in this program. It is understood that existing and installed equipment may not allow for exact times and temperatures to be met, but every effort will be made to meet the below standards as closely as the equipment allows.

Facility	Area or HVAC	Occupancy	Existing HVAC	Existing	Proposed HVAC	Proposed
	Equipment	Schedule	Schedule	Heating Occupied/Unoccupied Temperature	Schedule	Heating Occupied/Unoccupied Temperature
McClymonds High School	Buildings A and B	7AM - 5PM	5AM - 6 PM	72/62	5 AM - 6 PM	72/62

Schedule Description	Lighting Annual Hours
Inactive Storage	400
Mechanical	600
Restroom-Single	800
Active Storage	1,100
Office-Enclosed/Conference	1,320
Cafeteria/Multipurpose	1,540
Auditorium	1,540
Kitchen	1,760
Classroom Elementary	1,980
Lounge/Breakroom	2,200
Classroom Middle & HS	2,310
Library	2,310
Work Room	2,875
Office-Open	3,000
Gym Middle & HS	3,500
Restroom-Open	3,640
Hallway/Lobby/Stairs	3,920
Exterior	4,380

4. **Exemptions and Exclusions to Design-Builder's Scope of Work.**

- (a) Design-Builder is not responsible for obtaining any approvals or exemptions which may be applicable pursuant to the California Environmental Quality Act ("CEQA").
- (b) Design-Builder is not responsible for paying for the Project Inspector of Record ("IOR") or for special inspections, except as otherwise provided for in Section 43 of the Agreement.
- (c) Design-Builder is not responsible for obtaining and paying for any required Building, Mechanical, and Electrical Permits.
- (d) Design-Builder has excluded all DSA plan check fees and all ADA, Fire Life Safety, and other work that may be required as a result of DSA submission for any proposed work. If District decides to pursue DSA submittal for any work, District will be responsible for all plan check fees and for hiring and paying DSA inspectors.
- (e) Design-Builder has assumed Construction will be allowed to proceed smoothly and in a continuous flow. No allowance has been made to demobilize and remobilize resources due to schedule interruptions.
- (f) Temporary utilities are to be provided by District at no cost to Design-Builder (including, without limitation, phone lines and construction power).
- (g) Removal and disposal of Hazardous Substances, including asbestos containing materials, is excluded. If Design-Builder encounters material suspected to be hazardous, Design-Builder will notify District and stop further work in the area until the District determines whether and how to proceed.
- (h) No temporary heating or cooling services have been included in the Total Contract Price. Design-Builder will attempt to phase Construction in such a way as to avoid complete interruptions of service.
- (i) Design-Builder standard construction means and methods will be used.
- (j) District will provide access to the Sites, laydown areas at the work sites, and a reasonable number of parking spaces for Design-Builder and Design-Builder's subcontractor vehicles in parking lots at the Project Sites.
- (k) The Scope of Work assumes that, unless specifically identified otherwise, all existing systems are functioning properly and are up to current codes. Design-Builder will not be responsible for repairs or upgrades to existing systems that are not functioning properly or not compliant with current codes. No allowances have been made to bring existing systems up to code.
- (l) No allowance has been made to repair or replace damaged or inoperable existing equipment that is not specifically being replaced under the Scope of Work. When such items are discovered, Design-Builder will immediately notify District.
- (m) No allowance has been made for structural upgrades to existing structures.
- (n) Repair or replacement of existing housekeeping pads, concrete pads, or base repair of existing walkway lighting are excluded.

- (o) Smoke detectors and fire alarm system work is excluded.
- (p) Painting, unless specified, is excluded.
- (q) With respect to lighting equipment maintenance and/or lamp and ballast retrofitting, District will properly ground lighting fixtures in compliance with applicable codes before Design-Builder commences Work.
- (r) This Scope of Work includes, if applicable, properly terminating the lighting fixtures to the existing grounding conductor or to the existing solidly grounded raceway with listed fittings at the lighting fixture junction box.
- (s) District is responsible for providing and maintaining the facility's electrical distribution system that meets the latest NEC and guidelines adopted by the authority having jurisdiction.

Substantial Completion for Lighting Retrofit Project and HVAC Project:

- a. For ECM 1 – Lighting Retrofit Project, Substantial Completion will be deemed to have occurred when:
 - i. 100% of fixtures and controls have been attempted to be replaced and at least 95% of lighting and controls are operational and working within the design criteria.
- b. For ECM 2 – HVAC Project, Substantial Completion will be deemed to have occurred when:
 - i. The boiler, steam coils, and furnaces are installed and have met the standards of operational acceptance as defined as:
 - 1. Continuous normal operation without failure for a period of 72 hours
 - 2. Demonstrated ability to meet the designed criteria
 - ii. The radiator valves, thermostats, and controllers have been installed, electrically connected, programmed and have met the standards of operation acceptance as defined as:
 - 1. Continuous normal operation without failure for a period of 72 hours
 - 2. Demonstrated ability to meet the designed criteria

Substantial & Final Completion Forms per Scope of Work:

The table below provides the number of substantial and final completion forms that will be used to document beneficial use and final completion of each scope of work.

Scope of Work	Location	Total Quantity of Substantial Completions	Total Quantity of Final Completions
ECM 1 – Interior & Exterior Lighting Retrofits	14 Sites	14; for each site	1; for entire ECM
ECM 2 – HVAC Upgrades	1 Site	1; for each site	1; for entire ECM

[END OF EXHIBIT]

Attachment 1 to Exhibit "B"
Detailed Lighting Scope of Work

See attached PDF

Site: OAKLAND USD														14,655	14,655	Existing Fixture Watts					1,876
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity						
1	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	MAIN ENTRY		123	2	75	Retrofit Eight Foot fixture w/ (1) LED lamp and separate driver	Espen: L96T8/840/24G-EB	2	30								
2	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	MAIN ENTRY		123.5	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15								
3	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	SMALL SIDE DOOR		124	1	66	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC-EM	1	30								
4	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	NORTH EAST ENTRY		125	1	20	No Retrofit	0	1	20								
5	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	EAST SIDE		126	2	30	No Retrofit	0	2	30								
6	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	SOUTH SIDE GATED		125	1	20	No Retrofit	0	1	20								
7	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	SOUTH WEST ENTRY		125	1	20	No Retrofit	0	1	20								
8	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	SOUTH CENTER ENTRY		125	1	20	No Retrofit	0	1	20								
9	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	SOUTH CENTER ENTRY		119	1	295	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED78TN/PCT	1	77								
10	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	SOUTH EAST ENTRY		119	2	295	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED78TN/PCT	2	77								
11	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	SOUTH EAST ENTRY		125	1	20	No Retrofit	0	1	20								
12	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	PRESCHOOL PLAYGROUND		125	2	20	No Retrofit	0	2	20								
13	Washington Elementary School (Sankofa Academy)	A	1	EXTERIOR	PRESCHOOL PLAYGROUND		126	1	30	No Retrofit	0	1	30								
14	Washington Elementary School (Sankofa Academy)	A	1	COMMON	MAIN CORRIDOR	44	127	7	31	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30								
15	Washington Elementary School (Sankofa Academy)	A	1	COMMON	MAIN CORRIDOR	44	128	10	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	10	60								
16	Washington Elementary School (Sankofa Academy)	A	1	COMMON	MAIN CORRIDOR	44	129	9	22	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30								
17	Washington Elementary School (Sankofa Academy)	A	1	COMMON	MAIN CORRIDOR	44	130	6	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	6	18								
18	Washington Elementary School (Sankofa Academy)	A	1	COMMON	MAIN CORRIDOR	44	131	2	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	2	22								
19	Washington Elementary School (Sankofa Academy)	A	1	COMMON	MAIN CORRIDOR	44	127	2	31	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30								
20	Washington Elementary School (Sankofa Academy)	A	1	COMMON	CAFETERIA CORRIDOR	44	131	4	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	4	22								
21	Washington Elementary School (Sankofa Academy)	A	1	COMMON	STAIR WELL	24	131	2	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	2	22								
22	Washington Elementary School (Sankofa Academy)	A	1	101	CLASSROOM	1	132	2	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60								
23	Washington Elementary School (Sankofa Academy)	A	1	101	CLASSROOM	1	133	4	132	Three fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90								
24	Washington Elementary School (Sankofa Academy)	A	1	101	CUBBIES	2	131	2	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	2	22								
25	Washington Elementary School (Sankofa Academy)	A	1	101	RESTROOM	3	134	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30								
26	Washington Elementary School (Sankofa Academy)	A	1	101	WORKROOM	43	134	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30								
27	Washington Elementary School (Sankofa Academy)	A	1	101	WORKROOM	43	131	3	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	3	22								
28	Washington Elementary School (Sankofa Academy)	A	1	COMMON	STAIR WELL	42	135	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30								
29	Washington Elementary School (Sankofa Academy)	A	1	COMMON	GIRLS	40	134	3	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30								
30	Washington Elementary School (Sankofa Academy)	A	1	STAFF	RESTROOM	41	136	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1						
31	Washington Elementary School (Sankofa Academy)	A	1	STAFF	RESTROOM	39	136	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1						
32	Washington Elementary School (Sankofa Academy)	A	1	110	OFFICE	38	132	1	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60								
33	Washington Elementary School (Sankofa Academy)	A	1	111	OFFICE	37	132	1	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60								
34	Washington Elementary School (Sankofa Academy)	A	1	102	CLASSROOM	36	133	4	132	Three fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90								
35	Washington Elementary School (Sankofa Academy)	A	1	104	CLASSROOM	35	133	4	132	Three fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90								
36	Washington Elementary School (Sankofa Academy)	A	1	106	CLASSROOM	34	133	4	132	Three fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90								
37	Washington Elementary School (Sankofa Academy)	A	1	COMMON	RAMP	32	127	3	31	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30								
38	Washington Elementary School (Sankofa Academy)	A	1	COMMON	BOYS	33	134	2	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30								
39	Washington Elementary School (Sankofa Academy)	A	1	COMMON	STAIR WELL	30	135	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30								
40	Washington Elementary School (Sankofa Academy)	A	1	COMMON	ELEVATOR HALL	27	137	1	66	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45	WALL SWITCH SENSOR	1						
41	Washington Elementary School (Sankofa Academy)	A	1	FAMILY CENTER	OPEN	29	131	6	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	6	22								
42	Washington Elementary School (Sankofa Academy)	A	1	FAMILY CENTER	KITCHEN	27	135	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1						
43	Washington Elementary School (Sankofa Academy)	A	1	COMMON	TELEPHONE	44	107	1	120	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	WALL SWITCH SENSOR	1						
44	Washington Elementary School (Sankofa Academy)	A	1	COMMON	RESTROOM	17	134	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30								
45	Washington Elementary School (Sankofa Academy)	A	1	OFFICE	RECEPTION	13	132	3	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60								
46	Washington Elementary School (Sankofa Academy)	A	1	OFFICE	CLOSET	15	134	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1						
47	Washington Elementary School (Sankofa Academy)	A	1	OFFICE	PRINCIPAL	14	132	3	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60								
48	Washington Elementary School (Sankofa Academy)	A	1	OFFICE	WORKROOM	10	132	1	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60								
49	Washington Elementary School (Sankofa Academy)	A	1	OFFICE	DATA	10	134	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1						
50	Washington Elementary School (Sankofa Academy)	A	1	OFFICE	WORKROOM	10	132	1	90	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60								
51	Washington Elementary School (Sankofa Academy)	A	1	COMMON	CUSTODIAN	12	136	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1						
52	Washington Elementary School (Sankofa Academy)	A	1	115	OFFICE	11	138	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30								

Site: OAKLAND USD															14,654	1,870
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
106	Washington Elementary School (Sankofa Academy)	P5	1	P5	CLASSROOM	P5	121	10	144	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1	
107	Washington Elementary School (Sankofa Academy)	P5	1	EXTERIOR	DOOR		116	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25			
108	Washington Elementary School (Sankofa Academy)	P5	1	EXTERIOR	PARKING LOT		116	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25			
109	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	CORRIDOR	27	101	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30	CEILING SENSOR	3	
110	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	CORRIDOR	27	145	2	45	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	2	23		*	
111	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	CORRIDOR	9	101	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	2	
112	Henry J. Kaiser, Jr. Elementary School	B	1	OFFICE	RECEPTION	16	102	3	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60	CEILING SENSOR	1	
113	Henry J. Kaiser, Jr. Elementary School	B	1	OFFICE	SUPPLIES	23	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
114	Henry J. Kaiser, Jr. Elementary School	B	1	OFFICE	PRINCIPAL	17	102	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1	
115	Henry J. Kaiser, Jr. Elementary School	B	1	24	CLASSROOM	19	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1	
116	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	STAFF ROOM	22	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
117	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	STAFF ROOM	15	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
118	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	LOUNGE	18	101	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30			
119	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	OFFICE	25	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30			
120	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	LADIES	24	143	1	26	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	CEILING SENSOR	1	
121	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	CUSTODIAN	8	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
122	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	MEN	14	143	1	26	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	WALL SWITCH SENSOR	1	
123	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	COMPUTER LAB	1	101	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	1	
124	Henry J. Kaiser, Jr. Elementary School	B	1	1	CLASSROOM	5	102	9	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
125	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	LIBRARY	5	102	9	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
126	Henry J. Kaiser, Jr. Elementary School	B	1	6	CLASSROOM	7	102	9	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
127	Henry J. Kaiser, Jr. Elementary School	B	1	3	CLASSROOM	4	102	9	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
128	Henry J. Kaiser, Jr. Elementary School	B	1	8	CLASSROOM	6	102	9	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
129	Henry J. Kaiser, Jr. Elementary School	B	1	5	CLASSROOM	3	102	9	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
130	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	BOYS	20	145	4	45	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	4	23	CEILING SENSOR	1	
131	Henry J. Kaiser, Jr. Elementary School	B	1	7	CLASSROOM	2	102	9	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
132	Henry J. Kaiser, Jr. Elementary School	B	1	9	CLASSROOM	12A	102	11	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	11	60	CEILING SENSOR	1	
133	Henry J. Kaiser, Jr. Elementary School	B	1	9	RESTROOM	12C	143	1	26	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	WALL SWITCH SENSOR	1	
134	Henry J. Kaiser, Jr. Elementary School	B	1	9	CLOSET	12B	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
135	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	CUSTODIAN	10	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
136	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	CUSTODIAN	28	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
137	Henry J. Kaiser, Jr. Elementary School	B	1	COMMON	GIRLS	21	145	4	45	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	4	23	CEILING SENSOR	1	
138	Henry J. Kaiser, Jr. Elementary School	B	1	EXTERIOR	SOUTH SIDE		148	2	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12			
139	Henry J. Kaiser, Jr. Elementary School	B	1	EXTERIOR	SOUTH SIDE		149	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
140	Henry J. Kaiser, Jr. Elementary School	B	1	EXTERIOR	EAST SIDE		150	4	20	No Retrofit	0	4	20			
141	Henry J. Kaiser, Jr. Elementary School	B	1	EXTERIOR	WEST SIDE		150	3	20	No Retrofit	0	3	20			
142	Henry J. Kaiser, Jr. Elementary School	B	1	EXTERIOR	MAIN ENTRY		148	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12			
143	Henry J. Kaiser, Jr. Elementary School	B	1	EXTERIOR	NORTH SIDE		150	2	20	No Retrofit	0	2	20			
144	Henry J. Kaiser, Jr. Elementary School	PD	1	PD	CLASSROOM	PD	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
145	Henry J. Kaiser, Jr. Elementary School	PD	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
146	Henry J. Kaiser, Jr. Elementary School	PA	1	PA	CLASSROOM	PA	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
147	Henry J. Kaiser, Jr. Elementary School	PA	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
148	Henry J. Kaiser, Jr. Elementary School	PB	1	PB	CLASSROOM	PB	147	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	1	
149	Henry J. Kaiser, Jr. Elementary School	PB	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
150	Henry J. Kaiser, Jr. Elementary School	PC	1	PC	CLASSROOM	PC	101	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1	
151	Henry J. Kaiser, Jr. Elementary School	PC	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
152	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	ENTRY	9	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
153	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	RESTROOM	16	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1	
154	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	LOUNGE	6	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1	
155	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	CUSTODIAN	15	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
156	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	RESTROOM	17	145	2	45	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	2	23	WALL SWITCH SENSOR	1	
157	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	CLOSET	1	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
158	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	CLOSET	2	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	

Site: OAKLAND USD																1,87
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
159	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	CLOSET	3	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
160	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	CLOSET	4	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
161	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	MULTIPURPOSE	10	151	12	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	12	90	CEILING SENSOR	2	
162	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	STAGE	10	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1	
163	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	STORAGE	14	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
164	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	STORAGE	8	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
165	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	HALL	5	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1	
166	Henry J. Kaiser, Jr. Elementary School	A	1	MPR	MUSIC ROOM	11	102	2	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
167	Henry J. Kaiser, Jr. Elementary School	A	1	EXTERIOR	MECHANICAL	13	102	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1	
168	Henry J. Kaiser, Jr. Elementary School	A	1	EXTERIOR	EAST SIDE		152	2	15	No Retrofit	0	2	15			
169	Henry J. Kaiser, Jr. Elementary School	A	1	EXTERIOR	EAST SIDE		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
170	Henry J. Kaiser, Jr. Elementary School	A	1	EXTERIOR	NORTH SIDE		114	2	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9			
171	Henry J. Kaiser, Jr. Elementary School	A	1	EXTERIOR	WEST SIDE		150	2	20	No Retrofit	0	2	20			
172	Henry J. Kaiser, Jr. Elementary School	A	1	EXTERIOR	SOUTH SIDE CANOPY		153	6	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	15			
173	Bella Vista Elementary School	A	2	COMMON	CORRIDOR	15	155	10	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	10	80	CEILING SENSOR	3	
174	Bella Vista Elementary School	A	2	TEACHERS	KILN	11	156	2	22	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15	WALL SWITCH SENSOR	1	
175	Bella Vista Elementary School	A	2	TEACHERS	RESTROOM	12	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
176	Bella Vista Elementary School	A	2	COMMON	GIRLS	13	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
177	Bella Vista Elementary School	A	2	30	CLASSROOM	14	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
178	Bella Vista Elementary School	A	2	20	CLASSROOM	10	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
179	Bella Vista Elementary School	A	2	COMMON	STAIR WELL	9	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80			
180	Bella Vista Elementary School	A	2	COMMON	ELEVATOR HALL	16	154	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30			
181	Bella Vista Elementary School	A	2	COMMON	WORKROOM	16A	155	4	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	4	80	WALL SWITCH SENSOR	1	
182	Bella Vista Elementary School	A	2	LIBRARY	LIBRARY	17	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
183	Bella Vista Elementary School	A	2	21	CLASSROOM	8	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
184	Bella Vista Elementary School	A	2	22	CLASSROOM	7	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
185	Bella Vista Elementary School	A	2	29	CLASSROOM	18	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
186	Bella Vista Elementary School	A	2	23	CLASSROOM	6	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
187	Bella Vista Elementary School	A	2	28	CLASSROOM	19	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
188	Bella Vista Elementary School	A	2	24	CLASSROOM	5	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
189	Bella Vista Elementary School	A	2	25	CLASSROOM	4	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
190	Bella Vista Elementary School	A	2	COMMON	STAIR WELL	3	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80			
191	Bella Vista Elementary School	A	2	26	WORKROOM	2	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
192	Bella Vista Elementary School	A	2	COMMON	BOYS	20	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
193	Bella Vista Elementary School	A	2	COMMON	CUSTODIAN	21	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
194	Bella Vista Elementary School	A	2	27	CLASSROOM	1	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
195	Bella Vista Elementary School	A	1	COMMON	CORRIDOR	38	155	15	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	15	80	CEILING SENSOR	4	
196	Bella Vista Elementary School	A	1	COMMON	CORRIDOR	37	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	CEILING SENSOR	1	
197	Bella Vista Elementary School	A	1	COMMON	STAIR WELL	11	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80			
198	Bella Vista Elementary School	A	1	COMMON	CUSTODIAN	9	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
199	Bella Vista Elementary School	A	1	COMMON	MEN	10	156	2	22	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15	WALL SWITCH SENSOR	1	
200	Bella Vista Elementary School	A	1	COMMON	SUPPLIES	22	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
201	Bella Vista Elementary School	A	1	12	CLASSROOM	23	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
202	Bella Vista Elementary School	A	1	11	CLASSROOM	21	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
203	Bella Vista Elementary School	A	1	COMMON	STAIR WELL	20	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80			
204	Bella Vista Elementary School	A	1	COMMON	ELEVATOR HALL	24B	154	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30			
205	Bella Vista Elementary School	A	1	COMMON	WORKROOM	24A	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
206	Bella Vista Elementary School	A	1	COMMON	STORAGE	24C	154	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
207	Bella Vista Elementary School	A	1	13	CLASSROOM	19	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
208	Bella Vista Elementary School	A	1	COMMON	NURSE	25	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
209	Bella Vista Elementary School	A	1	COMMON	NURSE	26A	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
210	Bella Vista Elementary School	A	1	COMMON	NURSE	26B	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
211	Bella Vista Elementary School	A	1	17	SPEECH	27	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	CEILING SENSOR	1	

Site: OAKLAND USD														14,655			1,876
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity		
212	Bella Vista Elementary School	A	1	VICE	HALL	29	156	1	22	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15	WALL SWITCH SENSOR	1		
213	Bella Vista Elementary School	A	1	VICE	PRINCIPAL	29	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		
214	Bella Vista Elementary School	A	1	VICE	RESTROOM	28	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		
215	Bella Vista Elementary School	A	1	OFFICE	WORKROOM	30	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	WALL SWITCH SENSOR	1		
216	Bella Vista Elementary School	A	1	OFFICE	RECEPTION	31	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	CEILING SENSOR	1		
217	Bella Vista Elementary School	A	1	OFFICE	CLOSET	32	157	1	56	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	WALL SWITCH SENSOR	1		
218	Bella Vista Elementary School	A	1	OFFICE	PRINCIPAL	34	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
219	Bella Vista Elementary School	A	1	OFFICE	CLOSET	33	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1		
220	Bella Vista Elementary School	A	1	14	CLASSROOM	18	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1		
221	Bella Vista Elementary School	A	1	15	CLASSROOM	17	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1		
222	Bella Vista Elementary School	A	1	COMMON	WOMEN	36	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	CEILING SENSOR	1		
223	Bella Vista Elementary School	A	1	COMMON	WOMEN	36	156	1	22	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		*		
224	Bella Vista Elementary School	A	1	COMMON	COAT CLOSET	35	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1		
225	Bella Vista Elementary School	A	1	16	CLASSROOM	16	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1		
226	Bella Vista Elementary School	A	1	18	CLASSROOM	12	155	4	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	4	80	CEILING SENSOR	1		
227	Bella Vista Elementary School	A	1	18	COAT CLOSET	14	156	1	22	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15	CEILING SENSOR	1		
228	Bella Vista Elementary School	A	1	18	RESTROOM	15	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		
229	Bella Vista Elementary School	A	1	18	KITCHEN	13	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
230	Bella Vista Elementary School	A	1	AUDITORIUM	MULTIPURPOSE	8	160	16	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	16	60	CEILING SENSOR	2		
231	Bella Vista Elementary School	A	1	AUDITORIUM	STAGE	1	161	8	32	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	8	12				
232	Bella Vista Elementary School	A	1	AUDITORIUM	UTILITY	2	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
233	Bella Vista Elementary School	A	1	AUDITORIUM	HALL	6	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		
234	Bella Vista Elementary School	A	1	AUDITORIUM	RESTROOM	4	157	1	56	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	WALL SWITCH SENSOR	1		
235	Bella Vista Elementary School	A	1	AUDITORIUM	CLOSET	3	118	1	200	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	1	17	WALL SWITCH SENSOR	1		
236	Bella Vista Elementary School	A	1	AUDITORIUM	MUSIC ROOM	5	155	6	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80	WALL SWITCH SENSOR	1		
237	Bella Vista Elementary School	A	1	AUDITORIUM	PSYCHOLOGIST	7	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
238	Bella Vista Elementary School	A	G	COMMON	STAIR WELL	28	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80				
239	Bella Vista Elementary School	A	G	COMMON	STAIR WELL	28	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12				
240	Bella Vista Elementary School	A	G	COMMON	STAIR WELL	33	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80				
241	Bella Vista Elementary School	A	G	COMMON	BOYS	33	162	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60	CEILING SENSOR	1		
242	Bella Vista Elementary School	A	G	COMMON	RESTROOM	30	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		
243	Bella Vista Elementary School	A	G	COMMON	STORAGE	31 32	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	WALL SWITCH SENSOR	2		
244	Bella Vista Elementary School	A	G	COMMON	BOILER	35	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80				
245	Bella Vista Elementary School	A	G	COMMON	CRAWL SPACE	36 37 38	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
246	Bella Vista Elementary School	A	G	COMMON	STAFF	27	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	CEILING SENSOR	1		
247	Bella Vista Elementary School	A	G	KITCHEN	HALL	25	157	1	56	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	WALL SWITCH SENSOR	1		
248	Bella Vista Elementary School	A	G	KITCHEN	OFFICE	26	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
249	Bella Vista Elementary School	A	G	KITCHEN	KITCHEN	24	155	7	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	7	80	CEILING SENSOR	1		
250	Bella Vista Elementary School	A	G	CAFETERIA	HALL	39	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	CEILING SENSOR	2		
251	Bella Vista Elementary School	A	G	CAFETERIA	DINING	23	155	12	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	12	80	CEILING SENSOR	2		
252	Bella Vista Elementary School	A	G	COMMON	HALL	21	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	CEILING SENSOR	1		
253	Bella Vista Elementary School	A	G	COMMON	HALL	22	155	5	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80	CEILING SENSOR	2		
254	Bella Vista Elementary School	A	G	2	CLASSROOM	19	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1		
255	Bella Vista Elementary School	A	G	2	CLASSROOM	17	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		
256	Bella Vista Elementary School	A	G	2	RESTROOM	12	157	1	56	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	WALL SWITCH SENSOR	1		
257	Bella Vista Elementary School	A	G	2	CLASSROOM	18	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
258	Bella Vista Elementary School	A	G	2	STORAGE	13	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1		
259	Bella Vista Elementary School	A	G	COMMON	STAIR WELL	6	155	2	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80				
260	Bella Vista Elementary School	A	G	COMMON	STAIR WELL	6	157	1	56	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22				
261	Bella Vista Elementary School	A	G	COMMON	STAIR WELL	10	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80				
262	Bella Vista Elementary School	A	G	COMMON	GIRLS	10	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1		
263	Bella Vista Elementary School	A	G	COMMON	LIFT	7	154	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1		
264	Bella Vista Elementary School	A	G	A	CLASSROOM	5	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		

Site: OAKLAND USD																1,87
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
265	Bella Vista Elementary School	A	G	A	RESTROOM	4	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
266	Bella Vista Elementary School	A	G	A	CLASSROOM	1	155	8	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	8	80	CEILING SENSOR	1	
267	Bella Vista Elementary School	A	G	A	CLASSROOM	2	155	3	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	CEILING SENSOR	1	
268	Bella Vista Elementary School	A	G	A	CLOSET	3	157	1	56	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	WALL SWITCH SENSOR	1	
269	Bella Vista Elementary School	A	G	COMMON	ELEVATOR HALL	22	154	1	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30			
270	Bella Vista Elementary School	A	G	COMMON	ELEVATOR MACHINE	22	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12			
271	Bella Vista Elementary School	A	G	EXTERIOR	STORAGE	9	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
272	Bella Vista Elementary School	A	G	EXTERIOR	STORAGE	11	155	1	44	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1	
273	Bella Vista Elementary School	A	G	EXTERIOR	EAST SIDE		149	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
274	Bella Vista Elementary School	A	G	EXTERIOR	SOUTH SIDE		115	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25			
275	Bella Vista Elementary School	A	G	EXTERIOR	SOUTH SIDE		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23			
276	Bella Vista Elementary School	A	G	EXTERIOR	SOUTH SIDE		148	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12			
277	Bella Vista Elementary School	A	G	EXTERIOR	SOUTH SIDE		149	2	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40			
278	Bella Vista Elementary School	A	G	EXTERIOR	SOUTH SIDE		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30			
279	Bella Vista Elementary School	A	G	EXTERIOR	WEST SIDE		149	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
280	Bella Vista Elementary School	A	G	EXTERIOR	WEST SIDE		164	1	36	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23			
281	Bella Vista Elementary School	A	G	EXTERIOR	NORTH SIDE		149	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
282	Bella Vista Elementary School	A	G	EXTERIOR	NORTH MAIN ENTRY		148	4	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12			
283	Bella Vista Elementary School	O	I	O	CLASSROOM	O	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
284	Bella Vista Elementary School	O	I	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
285	Bella Vista Elementary School	N	I	N	CLASSROOM	N	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
286	Bella Vista Elementary School	N	I	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
287	Bella Vista Elementary School	M	I	M	CLASSROOM	M	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
288	Bella Vista Elementary School	M	I	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
289	Bella Vista Elementary School	L	I	L	CLASSROOM	L	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
290	Bella Vista Elementary School	L	I	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
291	Bella Vista Elementary School	K	I	K	CLASSROOM	K	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
292	Bella Vista Elementary School	K	I	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
293	Sequoia Elementary School	C	I	10	RECEPTION	10	165	3	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	3	60	CEILING SENSOR	1	
294	Sequoia Elementary School	C	I	12	PRINCIPAL	12	162	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
295	Sequoia Elementary School	C	I	11	SUPPLIES	11	162	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
296	Sequoia Elementary School	C	I	9	WORKROOM	9	162	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60	WALL SWITCH SENSOR	1	
297	Sequoia Elementary School	C	I	COMMON	MAIN ENTRY	32	136	2	44	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1	
298	Sequoia Elementary School	C	I	COMMON	CORRIDOR	32	166	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30	CEILING SENSOR	3	
299	Sequoia Elementary School	C	I	COMMON	CORRIDOR	31	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30			
300	Sequoia Elementary School	C	I	COMMON	BOYS	29	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1	
301	Sequoia Elementary School	C	I	30	CUSTODIAN	30	158	2	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1	
302	Sequoia Elementary School	C	I	3	CLASSROOM	3	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45			
303	Sequoia Elementary School	C	I	3	CLOSET	2	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1	
304	Sequoia Elementary School	C	I	4	CLASSROOM	27	167	13	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	45			
305	Sequoia Elementary School	C	I	4	CLOSET	28	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1	
306	Sequoia Elementary School	C	I	2	CLASSROOM	4	167	13	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	45			
307	Sequoia Elementary School	C	I	2	CLOSET	5	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1	
308	Sequoia Elementary School	C	I	26	CUSTODIAN	26	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1	
309	Sequoia Elementary School	C	I	24	STAFF	25	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
310	Sequoia Elementary School	C	I	24	PANTRY	24	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
311	Sequoia Elementary School	C	I	22	SOCIAL WORKER	22	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
312	Sequoia Elementary School	C	I	22	SOCIAL WORKER	21	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
313	Sequoia Elementary School	C	I	23	CUSTODIAN	23	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
314	Sequoia Elementary School	C	I	COMMON	RESTROOM	20	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
315	Sequoia Elementary School	C	I	7	CLASSROOM	7	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45			
316	Sequoia Elementary School	C	I	8	CLASSROOM	7	167	4	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	45			
317	Sequoia Elementary School	C	I	COMMON	CORRIDOR	18	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30			

Site: OAKLAND USD						14,655									1,877
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
318	Sequoia Elementary School	C	1	COMMON	GIRLS	19	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
319	Sequoia Elementary School	C	1	30	CUSTODIAN	17	158	2	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
320	Sequoia Elementary School	C	1	COMMON	RESTROOM	14	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
321	Sequoia Elementary School	C	1	15	MULTIPURPOSE	15	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	2
322	Sequoia Elementary School	C	1	15	MULTIPURPOSE	15	169	6	282	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSR R16AR GDB16	6	148		*
323	Sequoia Elementary School	C	1	15	STAGE	38	170	10	200	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	10	17		
324	Sequoia Elementary School	C	1	15	STAGE	38	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20		
325	Sequoia Elementary School	C	1	15	RESTROOM	34 33	158	2	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
326	Sequoia Elementary School	C	1	15	LIFT	36	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
327	Sequoia Elementary School	C	1	15	RESTROOM	35	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
328	Sequoia Elementary School	C	1	15	CLOSET	37	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
329	Sequoia Elementary School	C	1	15	MUSIC CLOSET	16	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
330	Sequoia Elementary School	C	2	COMMON	CORRIDOR	35	166	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	3
331	Sequoia Elementary School	C	2	COMMON	ELEVATOR HALL	36	166	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
332	Sequoia Elementary School	C	2	COMMON	STAIR WELL	34	166	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
333	Sequoia Elementary School	C	2	11	CLASSROOM	33	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
334	Sequoia Elementary School	C	2	11	CLOSET	31	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
335	Sequoia Elementary School	C	2	18	CLASSROOM	3	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
336	Sequoia Elementary School	C	2	18	CLOSET	2	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
337	Sequoia Elementary School	C	2	223	WORKROOM	23	167	2	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
338	Sequoia Elementary School	C	2	223	HALL	23	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
339	Sequoia Elementary School	C	2	218	CLOSET	18	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
340	Sequoia Elementary School	C	2	223	RESTROOM	17	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
341	Sequoia Elementary School	C	2	223	HALL	23	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
342	Sequoia Elementary School	C	2	223	RESTROOM	16	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
343	Sequoia Elementary School	C	2	14	ENTRY	14	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
344	Sequoia Elementary School	C	2	14	CLASSROOM	15	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
345	Sequoia Elementary School	C	2	14	CLOSET	13	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
346	Sequoia Elementary School	C	2	COMMON	HALL	20	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11		
347	Sequoia Elementary School	C	2	220	CUSTODIAN	20	168	2	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	2	11	WALL SWITCH SENSOR	1
348	Sequoia Elementary School	C	2	219	SPEECH	19	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
349	Sequoia Elementary School	C	2	221	STORAGE	21	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
350	Sequoia Elementary School	C	2	15	CLASSROOM	10	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
351	Sequoia Elementary School	C	2	15	CLOSET	11	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
352	Sequoia Elementary School	C	2	COMMON	STAIR WELL	24	166	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
353	Sequoia Elementary School	C	2	16	CLASSROOM	7	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
354	Sequoia Elementary School	C	2	16	CLOSET	9	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
355	Sequoia Elementary School	C	2	13	CLASSROOM	27	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
356	Sequoia Elementary School	C	2	13	CLOSET	26	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
357	Sequoia Elementary School	C	2	17	CLASSROOM	4	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
358	Sequoia Elementary School	C	2	17	CLOSET	5	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
359	Sequoia Elementary School	C	2	12	CLASSROOM	28	167	14	115	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
360	Sequoia Elementary School	C	2	12	CLOSET	29	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
361	Sequoia Elementary School	C	1	EXTERIOR	COVERED WALKWAY		148	3	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12		
362	Sequoia Elementary School	C	1	EXTERIOR	SOUTH SIDE		116	1	95	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
363	Sequoia Elementary School	C	1	EXTERIOR	NORTH SIDE		116	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
364	Sequoia Elementary School	B	1	CAFETERIA	CAFETERIA	10	147	36	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	36	30	CEILING SENSOR	2
365	Sequoia Elementary School	B	1	15	KITCHEN	3	101	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	CEILING SENSOR	2
366	Sequoia Elementary School	B	1	15	KITCHEN	8	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
367	Sequoia Elementary School	B	1	15	CLOSET	7	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1
368	Sequoia Elementary School	B	1	17	STORAGE	9	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
369	Sequoia Elementary School	B	1	16A	CUSTODIAN	5	161	1	32	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		
370	Sequoia Elementary School	B	1	15	VESTIBULE	4	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1

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Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity				
371	Sequoia Elementary School	B	1	15	WOMEN	6	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1				
372	Sequoia Elementary School	B	1	14	CLASSROOM	2	147	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1				
373	Sequoia Elementary School	B	1	13	PROGRAM OFFICE	2	147	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1				
374	Sequoia Elementary School	B	1	EXTERIOR	COVERED WALKWAY		148	5	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	5	12						
375	Sequoia Elementary School	B	1	EXTERIOR	SOUTH SIDE		171	2	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23						
376	Sequoia Elementary School	B	1	EXTERIOR	KITCHEN ENTRY		172	1	66	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISKXL24N/PCU	1	25						
377	Sequoia Elementary School	A	1	EXTERIOR	NORTH SIDE		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23						
378	Sequoia Elementary School	A	1	EXTERIOR	EAST SIDE		120	2	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	2	30						
379	Sequoia Elementary School	A	1	EXTERIOR	SOUTH SIDE		172	1	66	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISKXL24N/PCU	1	25						
380	Sequoia Elementary School	A	1	EXTERIOR	SOUTH SIDE		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23						
381	Sequoia Elementary School	A	1	EXTERIOR	SOUTH SIDE CORNER		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14						
382	Sequoia Elementary School	A	1	COMMON	CORRIDOR	17	101	7	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30	CEILING SENSOR	2				
383	Sequoia Elementary School	A	1	COMMON	RESTROOM	13	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1				
384	Sequoia Elementary School	A	1	COMMON	RESTROOM	14	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1				
385	Sequoia Elementary School	A	1	COMMON	BOYS	11	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30						
386	Sequoia Elementary School	A	1	COMMON	BOYS	11	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11						
387	Sequoia Elementary School	A	1	12	CUSTODIAN	12	174	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15	WALL SWITCH SENSOR	1				
388	Sequoia Elementary School	A	1	COMMON	GIRLS	10	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30						
389	Sequoia Elementary School	A	1	COMMON	GIRLS	10	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11						
390	Sequoia Elementary School	A	1	7	CLASSROOM	6	175	22	123	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	22	33	CEILING SENSOR	1				
391	Sequoia Elementary School	A	1	7	CLASSROOM	6	176	6	122	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	6	33						
392	Sequoia Elementary School	A	1	7	CLOSET	16	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1				
393	Sequoia Elementary School	A	1	7	STORAGE	15	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1				
394	Sequoia Elementary School	A	1	8	CLASSROOM	3	175	18	123	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	18	33	CEILING SENSOR	1				
395	Sequoia Elementary School	A	1	8	CLASSROOM	3	176	6	122	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	6	33						
396	Sequoia Elementary School	A	1	6	CLASSROOM	5	175	18	123	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	18	33	CEILING SENSOR	1				
397	Sequoia Elementary School	A	1	6	CLASSROOM	5	176	6	122	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	6	33						
398	Sequoia Elementary School	A	1	9	CLASSROOM	2	175	18	123	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	18	33	CEILING SENSOR	1				
399	Sequoia Elementary School	A	1	9	CLASSROOM	2	176	6	122	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	6	33						
400	Sequoia Elementary School	A	1	5	CLASSROOM	4	175	18	123	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	18	33	CEILING SENSOR	1				
401	Sequoia Elementary School	A	1	5	CLASSROOM	4	176	6	122	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	6	33						
402	Sequoia Elementary School	A	1	10	CLASSROOM	1	175	18	123	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	18	33	CEILING SENSOR	1				
403	Sequoia Elementary School	A	1	10	CLASSROOM	1	176	6	122	luminous ceiling Remove eight foot fixtures above ceiling, install 2x2 lay in, tie wires, install new 2x2 ceiling tiles. 10 tiles per fixture	ALEO LTR-22LE-25/840 XE G3	6	33						
404	Sequoia Elementary School	A	1	EXTERIOR	GIRLS	7	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11						
405	Sequoia Elementary School	A	1	EXTERIOR	BOYS	8	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11						
406	Sequoia Elementary School	A	1	EXTERIOR	OFFICE	9	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30						
407	Sequoia Elementary School	P23	1	P23	CLASSROOM	P23	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1				
408	Sequoia Elementary School	P23	1	EXTERIOR	DOOR		116	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25						
409	Sequoia Elementary School	P19	1	P19	CLASSROOM	P19	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1				
410	Sequoia Elementary School	P19	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK3NW	1	9						
411	Sequoia Elementary School	P19	1	EXTERIOR	SOUTH SIDE		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30						
412	Sequoia Elementary School	NO #	1	NO #	QUIET ROOM	NO #	146	6	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45	WALL SWITCH SENSOR	3				
413	Sequoia Elementary School	NO #	1	EXTERIOR	DOOR		116	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25						
414	Allendale Elementary School	A	1	COMMON	CORRIDOR	19	101	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	3				
415	Allendale Elementary School	A	1	COMMON	CORRIDOR	18	101	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1				
416	Allendale Elementary School	A	1	COMMON	CORRIDOR	17	101	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	2				
417	Allendale Elementary School	A	1	COMMON	CORRIDOR	1	101	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	2				
418	Allendale Elementary School	A	1	COMMON	GIRLS	2	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1				
419	Allendale Elementary School	A	1	COMMON	BOYS	2	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1				
420	Allendale Elementary School	A	1	COMMON	CUSTODIAN	56	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1				
421	Allendale Elementary School	A	1	8	CLASSROOM	5	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1				
422	Allendale Elementary School	A	1	9	CLASSROOM	4	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1				
423	Allendale Elementary School	A	1	10	CLASSROOM	7	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1				

Site: OAKLAND USD															14,655	1,877
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
424	Allendale Elementary School	A	1	11	CLASSROOM	6	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
425	Allendale Elementary School	A	1	12	CLASSROOM	9	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
426	Allendale Elementary School	A	1	13	CLASSROOM	8	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
427	Allendale Elementary School	A	1	LIBRARY	LIBRARY	11	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
428	Allendale Elementary School	A	1	15	CLASSROOM	10	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
429	Allendale Elementary School	A	1	TEXT	BOOK ROOM	16	180	6	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	6	22	CEILING SENSOR	1	
430	Allendale Elementary School	A	1	COMMON	COPY	15	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
431	Allendale Elementary School	A	1	STAFF	RESTROOM	13	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
432	Allendale Elementary School	A	1	COMMON	SPEECH	14	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1	
433	Allendale Elementary School	A	1	SPEECH	RESTROOM	12	181	2	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1	
434	Allendale Elementary School	A	1	AUDITORIUM	MULTIPURPOSE	45	162	24	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	24	60	CEILING SENSOR	2	
435	Allendale Elementary School	A	1	AUDITORIUM	STAGE	52	162	6	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	6	60			
436	Allendale Elementary School	A	1	AUDITORIUM	HALL	45	159	2	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1	
437	Allendale Elementary School	A	1	AUDITORIUM	MUSIC ROOM	50	182	4	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	4	80	WALL SWITCH SENSOR	1	
438	Allendale Elementary School	A	1	KITCHEN	KITCHEN	46	101	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	1	
439	Allendale Elementary School	A	1	KITCHEN	KITCHEN	48	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
440	Allendale Elementary School	A	1	KITCHEN	WASH ROOM	49	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
441	Allendale Elementary School	A	1	KITCHEN	SUPPLY	47	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
442	Allendale Elementary School	A	1	KITCHEN	SUPPLY	47	183	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*	
443	Allendale Elementary School	A	1	KITCHEN	WOMEN	53	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
444	Allendale Elementary School	A	1	EXTERIOR	CLOSET	51	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
445	Allendale Elementary School	A	1	STAFF	LOUNGE	38	179	4	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	4	80	WALL SWITCH SENSOR	1	
446	Allendale Elementary School	A	1	COMMON	WOMEN	39	184	2	25	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1	
447	Allendale Elementary School	A	1	COMMON	WOMEN	40	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
448	Allendale Elementary School	A	1	COMMON	MEN	42	184	2	25	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1	
449	Allendale Elementary School	A	1	COMMON	MEN	43	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
450	Allendale Elementary School	A	1	OFFICE	SUPPLIES	35	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1	
451	Allendale Elementary School	A	1	OFFICE	RECEPTION	34	179	3	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	CEILING SENSOR	1	
452	Allendale Elementary School	A	1	OFFICE	PRINCIPAL	31	179	2	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	CEILING SENSOR	1	
453	Allendale Elementary School	A	1	OFFICE	WORKROOM	32	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
454	Allendale Elementary School	A	1	NURSE	COT	37	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
455	Allendale Elementary School	A	1	NURSE	OFFICE	36	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
456	Allendale Elementary School	A	1	7	CLASSROOM	30	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
457	Allendale Elementary School	A	1	5	CLASSROOM	29	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
458	Allendale Elementary School	A	1	6	CLASSROOM	28	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
459	Allendale Elementary School	A	1	4	CLASSROOM	26	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
460	Allendale Elementary School	A	1	3	CLASSROOM	27	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
461	Allendale Elementary School	A	1	2	CLASSROOM	24	179	6	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1	
462	Allendale Elementary School	A	1	COMMON	CUSTODIAN	25	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
463	Allendale Elementary School	A	1	1	CLASSROOM	23	179	8	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	8	80	CEILING SENSOR	1	
464	Allendale Elementary School	A	1	1	RESTROOM	23	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
465	Allendale Elementary School	A	1	1	CLOSET	23	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
466	Allendale Elementary School	A	1	COMMON	BOYS	21	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1	
467	Allendale Elementary School	A	1	COMMON	TRAFFIC	22	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
468	Allendale Elementary School	A	1	COMMON	GIRLS	20	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1	
469	Allendale Elementary School	A	1	EXTERIOR	SOUTHEAST ENTRY		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25			
470	Allendale Elementary School	A	1	EXTERIOR	PLAYGROUND		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25			
471	Allendale Elementary School	A	1	EXTERIOR	PLAYGROUND		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23			
472	Allendale Elementary School	A	1	EXTERIOR	PLAYGROUND		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25			
473	Allendale Elementary School	A	1	EXTERIOR	PLAYGROUND		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23			
474	Allendale Elementary School	A	1	EXTERIOR	DRIVEWAY		159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12			
475	Allendale Elementary School	A	1	EXTERIOR	DRIVEWAY		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23			
476	Allendale Elementary School	A	1	EXTERIOR	DRIVEWAY		115	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25			

Site: OAKLAND USD														1,876	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
477	Allendale Elementary School	A	1	EXTERIOR	DRIVEWAY		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9		
478	Allendale Elementary School	A	1	EXTERIOR	STREET SIDE		108	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
479	Allendale Elementary School	A	1	EXTERIOR	STREET SIDE		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
480	Allendale Elementary School	K	2	21	CLASSROOM	1	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
481	Allendale Elementary School	K	2	22	CLASSROOM	2	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
482	Allendale Elementary School	K	2	23	CLASSROOM	3	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
483	Allendale Elementary School	K	2	24	CLASSROOM	4	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
484	Allendale Elementary School	K	2	25	CLASSROOM	5	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
485	Allendale Elementary School	K	2	EXTERIOR	WALKWAY		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30		
486	Allendale Elementary School	K	2	EXTERIOR	WALKWAY		114	4	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	4	9		
487	Allendale Elementary School	K	2	EXTERIOR	WALKWAY		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
488	Allendale Elementary School	K	1	20	CLASSROOM	10	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
489	Allendale Elementary School	K	1	19	CLASSROOM	9	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
490	Allendale Elementary School	K	1	18	CLASSROOM	8	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
491	Allendale Elementary School	K	1	17	CLASSROOM	7	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
492	Allendale Elementary School	K	1	16	CLASSROOM	6	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60		
493	Allendale Elementary School	K	1	EXTERIOR	GIRLS	5	111	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60		
494	Allendale Elementary School	K	1	EXTERIOR	BOYS	4	111	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60		
495	Allendale Elementary School	K	1	EXTERIOR	OFFICE	3	111	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60		
496	Allendale Elementary School	K	1	OFFICE	RESTROOM	3A	111	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60		
497	Allendale Elementary School	K	1	EXTERIOR	STAFF	2	111	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60		
498	Allendale Elementary School	K	1	EXTERIOR	MACHINE ROOM	2	111	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60		
499	Allendale Elementary School	K	1	EXTERIOR	WALKWAY		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30		
500	Allendale Elementary School	K	1	EXTERIOR	WALKWAY		114	6	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	6	9		
501	Allendale Elementary School	K	1	EXTERIOR	WALKWAY		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
502	Allendale Elementary School	K	1	EXTERIOR	SIDE		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30		
503	Allendale Elementary School	K	1	EXTERIOR	SIDE		114	2	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9		
504	Allendale Elementary School	K	1	EXTERIOR	SIDE		115	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25		
505	Allendale Elementary School	PJ	1	PJ	CLASSROOM	PJ	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
506	Allendale Elementary School	PJ	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9		
507	Garfield Elementary School	A	1	EXTERIOR	MAIN ENTRY		163	5	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	5	23		
508	Garfield Elementary School	A	1	EXTERIOR	MAIN ENTRY SIDE		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
509	Garfield Elementary School	A	1	EXTERIOR	22ND AVE SIDE		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
510	Garfield Elementary School	A	1	EXTERIOR	22ND AND FOOTHILL CORNER		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
511	Garfield Elementary School	A	1	EXTERIOR	FOOTHILL SIDE		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
512	Garfield Elementary School	A	1	EXTERIOR	FOOTHILL SIDE		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
513	Garfield Elementary School	A	1	COMMON	LOBBY	201	101	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
514	Garfield Elementary School	A	1	COMMON	CORRIDOR	243	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
515	Garfield Elementary School	A	1	COMMON	CORRIDOR	232	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
516	Garfield Elementary School	A	1	COMMON	CORRIDOR	228	101	11	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30	CEILING SENSOR	2
517	Garfield Elementary School	A	1	COMMON	CORRIDOR	228	147	32	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	32	30	CEILING SENSOR	2
518	Garfield Elementary School	A	1	COMMON	CORRIDOR	237	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	2
519	Garfield Elementary School	A	1	COMMON	CORRIDOR	227	108	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
520	Garfield Elementary School	A	1	COMMON	ELEVATOR HALL	231	108	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
521	Garfield Elementary School	A	1	221	CLASSROOM	221	147	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1
522	Garfield Elementary School	A	1	222	CLASSROOM	222	147	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1
523	Garfield Elementary School	A	1	220	CLASSROOM	220	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1
524	Garfield Elementary School	A	1	223	CLASSROOM	223	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1
525	Garfield Elementary School	A	1	219	CLASSROOM	219	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1
526	Garfield Elementary School	A	1	224	CLASSROOM	224	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1
527	Garfield Elementary School	A	1	218	CLASSROOM	218	147	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1
528	Garfield Elementary School	A	1	225	CLASSROOM	225	147	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1
529	Garfield Elementary School	A	1	COMMON	BOYS	216	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1

Site: OAKLAND USD														14,655												
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity											
530	Garfield Elementary School	A	1	COMMON	GIRLS	215	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1											
531	Garfield Elementary School	A	1	COMMON	MEN	228	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
532	Garfield Elementary School	A	1	COMMON	WOMEN	229	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
533	Garfield Elementary School	A	1	COMMON	STORAGE	230	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1											
534	Garfield Elementary School	A	1	COMMON	SPEECH	232	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1											
535	Garfield Elementary School	A	1	COMMON	STAIR WELL	256	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30													
536	Garfield Elementary School	A	1	233	CLASSROOM	233	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
537	Garfield Elementary School	A	1	234	CLASSROOM	234	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
538	Garfield Elementary School	A	1	214	STAFF	214	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
539	Garfield Elementary School	A	1	235	CLASSROOM	235	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
540	Garfield Elementary School	A	1	213	CLASSROOM	213	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
541	Garfield Elementary School	A	1	236	CLASSROOM	236	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
542	Garfield Elementary School	A	1	212	CLASSROOM	212	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
543	Garfield Elementary School	A	1	COMMON	GIRLS	238	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1											
544	Garfield Elementary School	A	1	239	CUSTODIAN	239	118	1	200	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	1	17	WALL SWITCH SENSOR	1											
545	Garfield Elementary School	A	1	211	CLASSROOM	211	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
546	Garfield Elementary School	A	1	240	CUSTODIAN	240	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1											
547	Garfield Elementary School	A	1	241	COPY	241	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
548	Garfield Elementary School	A	1	241	MEN	242	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
549	Garfield Elementary School	A	1	210	CLASSROOM	210	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1											
550	Garfield Elementary School	A	1	204 205	SUPPLY	204 205	186	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	2											
551	Garfield Elementary School	A	1	OFFICE	RECEPTION	203 206	186	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1											
552	Garfield Elementary School	A	1	OFFICE	WORKROOM	207	186	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
553	Garfield Elementary School	A	1	OFFICE	CLOSET	207	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1											
554	Garfield Elementary School	A	1	202	PRINCIPAL	202	186	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1											
555	Garfield Elementary School	A	1	208	ASSISTANT	208	186	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1											
556	Garfield Elementary School	A	1	209	CLOSET	209	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1											
557	Garfield Elementary School	A	1	COMMON	TRAFFIC	247	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1											
558	Garfield Elementary School	A	1	247	SERVER	247	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
559	Garfield Elementary School	A	1	244	WOMEN	244	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
560	Garfield Elementary School	A	1	245	MECHANICAL	245	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1											
561	Garfield Elementary School	A	1	246	JANITOR	246	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											
562	Garfield Elementary School	A	1	248	COT	248	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1											
563	Garfield Elementary School	A	1	249	NURSE	249	186	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1											
564	Garfield Elementary School	A	1	250	AUDIO VISUAL	250	187	6	59	Two fixtures tandem Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1											
565	Garfield Elementary School	A	1	251	BOYS	251	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1											
566	Garfield Elementary School	A	GROU	117	CORRIDOR	117	147	30	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	30	30	CEILING SENSOR	2											
567	Garfield Elementary School	A	GROU	117	CORRIDOR	117	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1											
568	Garfield Elementary School	A	GROU	127	CORRIDOR	127	101	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	2											
569	Garfield Elementary School	A	GROU	126	CORRIDOR	126	101	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	2											
570	Garfield Elementary School	A	GROU	138	CORRIDOR	138	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	2											
571	Garfield Elementary School	A	GROU	131	ELEVATOR HALL	131	108	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1											
572	Garfield Elementary School	A	GROU	121	CLASSROOM	121	147	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1											
573	Garfield Elementary School	A	GROU	122	CLASSROOM	122	147	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1											
574	Garfield Elementary School	A	GROU	120	CLASSROOM	120	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1											
575	Garfield Elementary School	A	GROU	123	CLASSROOM	123	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1											
576	Garfield Elementary School	A	GROU	119	CLASSROOM	119	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1											
577	Garfield Elementary School	A	GROU	124	CLASSROOM	124	147	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1											
578	Garfield Elementary School	A	GROU	118	CLASSROOM	118	147	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30	CEILING SENSOR	1											
579	Garfield Elementary School	A	GROU	125B	OFFICE	125B	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1											
580	Garfield Elementary School	A	GROU	125A	OFFICE	125A	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1											
581	Garfield Elementary School	A	GROU	125	CLASSROOM	125	147	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	1											
582	Garfield Elementary School	A	GROU	116	ELECTRICAL	116	188	1	59	Two fixtures tandem Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1											

Site: OAKLAND USD															1,876
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
583	Garfield Elementary School	A	GROUND	128	GIRLS	128	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
584	Garfield Elementary School	A	GROUND	129	BOYS	129	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
585	Garfield Elementary School	A	GROUND	132	EQUIPMENT	132	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
586	Garfield Elementary School	A	GROUND	130	MECHANICAL	130	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
587	Garfield Elementary School	A	GROUND	115	RESTROOM	115	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
588	Garfield Elementary School	A	GROUND	133	CLASSROOM	133	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	2
589	Garfield Elementary School	A	GROUND	133	CLASSROOM	133	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		*
590	Garfield Elementary School	A	GROUND	133A	RESTROOM	133A	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1
591	Garfield Elementary School	A	GROUND	133B	STORAGE	133B	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1
592	Garfield Elementary School	A	GROUND	114	RESOURCE	114	185	5	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	5	80	WALL SWITCH SENSOR	1
593	Garfield Elementary School	A	GROUND	134	MEN	134	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
594	Garfield Elementary School	A	GROUND	135	JANITOR	135	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
595	Garfield Elementary School	A	GROUND	136	WOMEN	136	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
596	Garfield Elementary School	A	GROUND	113	CLASSROOM	113	185	12	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80	CEILING SENSOR	2
597	Garfield Elementary School	A	GROUND	113	CLASSROOM	113	189	2	72	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80		*
598	Garfield Elementary School	A	GROUND	113A	RESTROOM	113A	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1
599	Garfield Elementary School	A	GROUND	113B	STORAGE	113B	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1
600	Garfield Elementary School	A	GROUND	137	CLASSROOM	137	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	2
601	Garfield Elementary School	A	GROUND	137	CLASSROOM	137	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		*
602	Garfield Elementary School	A	GROUND	137A	RESTROOM	137A	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1
603	Garfield Elementary School	A	GROUND	137B	STORAGE	137B	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1
604	Garfield Elementary School	A	GROUND	141	COPY	141	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
605	Garfield Elementary School	A	GROUND	142	FILES	142	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
606	Garfield Elementary School	A	GROUND	140	STORAGE	140	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
607	Garfield Elementary School	A	GROUND	139	MECHANICAL	139	183	4	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	WALL SWITCH SENSOR	1
608	Garfield Elementary School	A	GROUND	EXTERIOR	EAST WALL		163	4	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	4	23		
609	Garfield Elementary School	A	GROUND	EXTERIOR	EAST WALL		115	5	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	5	25		
610	Garfield Elementary School	A	GROUND	EXTERIOR	NORTH EAST CORNER		191	2	465	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED150TN	2	154		
611	Garfield Elementary School	A	GROUND	EXTERIOR	NORTH WALL		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
612	Garfield Elementary School	A	GROUND	EXTERIOR	NORTH WALL		145	1	45	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23		
613	Garfield Elementary School	A	GROUND	EXTERIOR	WEST WALL		141	4	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	4	14		
614	Garfield Elementary School	A	GROUND	EXTERIOR	WEST WALL		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
615	Garfield Elementary School	B	1	265	CORRIDOR	265	101	17	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	17	30	CEILING SENSOR	4
616	Garfield Elementary School	B	1	258	CORRIDOR	258	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
617	Garfield Elementary School	B	1	254	CLASSROOM	254	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
618	Garfield Elementary School	B	1	271	LIBRARY	271	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
619	Garfield Elementary School	B	1	255	CLASSROOM	255	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
620	Garfield Elementary School	B	1	270	CLASSROOM	270	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
621	Garfield Elementary School	B	1	256	CLASSROOM	256	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
622	Garfield Elementary School	B	1	269	CLASSROOM	269	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
623	Garfield Elementary School	B	1	257	CLASSROOM	257	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
624	Garfield Elementary School	B	1	268	CLASSROOM	268	185	9	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
625	Garfield Elementary School	B	1	267	CLASSROOM	267	185	8	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	8	80	CEILING SENSOR	1
626	Garfield Elementary School	B	1	266	CLASSROOM	266	185	8	109	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	8	80	CEILING SENSOR	1
627	Garfield Elementary School	B	1	264	MEN	264	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
628	Garfield Elementary School	B	1	262	HALL	262	101	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1
629	Garfield Elementary School	B	1	263	WOMEN	263	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
630	Garfield Elementary School	B	1	260	STORAGE	260	157	2	56	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	2	22	WALL SWITCH SENSOR	1
631	Garfield Elementary School	B	1	259	MULTIPURPOSE	259	101	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	3
632	Garfield Elementary School	B	1	259	MULTIPURPOSE	259	190	54	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	54	30	CEILING SENSOR	3
633	Garfield Elementary School	B	1	282	STAGE	282	190	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
634	Garfield Elementary School	B	1	282	RAMP	282	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
635	Garfield Elementary School	B	1	281	RESOURCE	281	190	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	WALL SWITCH SENSOR	1

Site: OAKLAND USD															14,655		1,877
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity		
636	Garfield Elementary School	B	1	280	MUSIC ROOM	280	190	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1		
637	Garfield Elementary School	B	1	276	LOBBY	276	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	2		
638	Garfield Elementary School	B	1	279	WOMEN	279	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
639	Garfield Elementary School	B	1	278	MEN	278	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
640	Garfield Elementary School	B	1	277	STORAGE	277	118	1	200	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	1	17	WALL SWITCH SENSOR	1		
641	Garfield Elementary School	B	1	276	KITCHEN	276	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
642	Garfield Elementary School	B	1	274	RESTROOM	274	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
643	Garfield Elementary School	B	1	273	KITCHEN	273	101	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	CEILING SENSOR	3		
644	Garfield Elementary School	B	1	272	STORAGE	272	101	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1		
645	Garfield Elementary School	B	1	261	OFFICE	261	147	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
646	Garfield Elementary School	B	1	UM2	STORAGE	UM2	108	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1		
647	Garfield Elementary School	B	ND	143	STORAGE	143	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
648	Garfield Elementary School	B	ND	144	BOYS	144	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
649	Garfield Elementary School	B	ND	145	EQUIPMENT	145	101	15	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	WALL SWITCH SENSOR	1		
650	Garfield Elementary School	B	ND	146	STORAGE	146	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
651	Garfield Elementary School	B	ND	147	STORAGE	147	144	4	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	WALL SWITCH SENSOR	2		
652	Garfield Elementary School	B	ND	EXTERIOR	NORTH WALL		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23				
653	Garfield Elementary School	B	ND	EXTERIOR	NORTH WALL		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14				
654	Garfield Elementary School	B	1	EXTERIOR	WEST WALL		114	4	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	4	9				
655	Garfield Elementary School	B	1	EXTERIOR	WEST WALL		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23				
656	Garfield Elementary School	PE	1	32	CLASSROOM	32	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1		
657	Garfield Elementary School	PE	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
658	Garfield Elementary School	PF	1	31	CLASSROOM	31	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1		
659	Garfield Elementary School	PF	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14				
660	Maxwell Park Middle School (Melrose)	PD	1	19	CLASSROOM	PD	146	16	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45	CEILING SENSOR	1		
661	Maxwell Park Middle School (Melrose)	PD	1	19	RESTROOM	PD	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
662	Maxwell Park Middle School (Melrose)	PD	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
663	Maxwell Park Middle School (Melrose)	PC	1	20	CLASSROOM	PC	146	16	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45	CEILING SENSOR	1		
664	Maxwell Park Middle School (Melrose)	PC	1	20	RESTROOM	PC	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
665	Maxwell Park Middle School (Melrose)	PC	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
666	Maxwell Park Middle School (Melrose)	PB	1	21	CLASSROOM	PB	146	16	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45	CEILING SENSOR	1		
667	Maxwell Park Middle School (Melrose)	PB	1	21	RESTROOM	PB	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
668	Maxwell Park Middle School (Melrose)	PB	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
669	Maxwell Park Middle School (Melrose)	PH	1	22	CLASSROOM	PH	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1		
670	Maxwell Park Middle School (Melrose)	PH	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
671	Maxwell Park Middle School (Melrose)	PH	1	EXTERIOR	PARKING		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25				
672	Maxwell Park Middle School (Melrose)	PG	1	23	CLASSROOM	PG	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1		
673	Maxwell Park Middle School (Melrose)	PG	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
674	Maxwell Park Middle School (Melrose)	PF	1	22	CLASSROOM	PF	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1		
675	Maxwell Park Middle School (Melrose)	PF	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
676	Maxwell Park Middle School (Melrose)	PE	1	25	CLASSROOM	PE	146	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	2		
677	Maxwell Park Middle School (Melrose)	PE	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
678	Maxwell Park Middle School (Melrose)	PE	1	EXTERIOR	SIDE		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25				
679	Maxwell Park Middle School (Melrose)	A	2	COMMON	STAIR WELL	37	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
680	Maxwell Park Middle School (Melrose)	A	2	COMMON	CORRIDOR	37	101	20	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	20	30	CEILING SENSOR	4		
681	Maxwell Park Middle School (Melrose)	A	2	COMMON	MAIN STAIR WELL	5	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
682	Maxwell Park Middle School (Melrose)	A	2	COMMON	STAIR WELL	38	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
683	Maxwell Park Middle School (Melrose)	A	2	COMMON	CENTER STAIR WELL	16	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
684	Maxwell Park Middle School (Melrose)	A	2	17	CLASSROOM	24	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1		
685	Maxwell Park Middle School (Melrose)	A	2	18	CLASSROOM	29	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1		
686	Maxwell Park Middle School (Melrose)	A	2	16	CLASSROOM	21	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1		
687	Maxwell Park Middle School (Melrose)	A	2	STAFF	DINING	32	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
688	Maxwell Park Middle School (Melrose)	A	2	STAFF	KITCHEN	31	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		

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Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
689	Maxwell Park Middle School (Melrose)	A	2	STAFF	RESTROOM	30	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
690	Maxwell Park Middle School (Melrose)	A	2	SPEECH	OFFICE	33	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
691	Maxwell Park Middle School (Melrose)	A	2	SPEECH	OFFICE	36	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
692	Maxwell Park Middle School (Melrose)	A	2	AUDIO	VISUAL	35	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
693	Maxwell Park Middle School (Melrose)	A	2	15	CLASSROOM	20	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
694	Maxwell Park Middle School (Melrose)	A	2	COMMON	ELEVATOR MACHINE	34	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
695	Maxwell Park Middle School (Melrose)	A	2	COMMON	CUSTODIAN	17	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
696	Maxwell Park Middle School (Melrose)	A	2	COMMON	BOOK ROOM	18	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
697	Maxwell Park Middle School (Melrose)	A	2	14	CLASSROOM	1	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
698	Maxwell Park Middle School (Melrose)	A	2	13	CLASSROOM	3	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
699	Maxwell Park Middle School (Melrose)	A	2	12	CLASSROOM	6	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
700	Maxwell Park Middle School (Melrose)	A	2	STAFF	RESTROOM	39	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1	
701	Maxwell Park Middle School (Melrose)	A	2	11	LIBRARY	9	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
702	Maxwell Park Middle School (Melrose)	A	2	10	CLASSROOM	10	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
703	Maxwell Park Middle School (Melrose)	A	2	9	CLASSROOM	13	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
704	Maxwell Park Middle School (Melrose)	A	1	COMMON	CORRIDOR	49	101	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	4	
705	Maxwell Park Middle School (Melrose)	A	1	8	CLASSROOM	41	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
706	Maxwell Park Middle School (Melrose)	A	1	7	CLASSROOM	36	101	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30	CEILING SENSOR	1	
707	Maxwell Park Middle School (Melrose)	A	1	7	RESTROOM	36A 36B	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
708	Maxwell Park Middle School (Melrose)	A	1	COMMON	SUPPLY	43	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
709	Maxwell Park Middle School (Melrose)	A	1	COMMON	GIRLS	44	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1	
710	Maxwell Park Middle School (Melrose)	A	1	6	CLASSROOM	35	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
711	Maxwell Park Middle School (Melrose)	A	1	PTA	ENTRY	47	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
712	Maxwell Park Middle School (Melrose)	A	1	PTA	KITCHEN	46	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
713	Maxwell Park Middle School (Melrose)	A	1	PTA	RESTROOM	48	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
714	Maxwell Park Middle School (Melrose)	A	1	COMMON	STORAGE	33	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
715	Maxwell Park Middle School (Melrose)	A	1	5	CLASSROOM	32	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
716	Maxwell Park Middle School (Melrose)	A	1	COMMON	CUSTODIAN	30	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
717	Maxwell Park Middle School (Melrose)	A	1	4	CLASSROOM	1	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
718	Maxwell Park Middle School (Melrose)	A	1	3	CLASSROOM	3	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
719	Maxwell Park Middle School (Melrose)	A	1	COMMON	MAIN ENTRY	6	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1	
720	Maxwell Park Middle School (Melrose)	A	1	OFFICE	RECEPTION	13	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1	
721	Maxwell Park Middle School (Melrose)	A	1	OFFICE	RECEPTION	12	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
722	Maxwell Park Middle School (Melrose)	A	1	OFFICE	SUPPLY	11	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
723	Maxwell Park Middle School (Melrose)	A	1	OFFICE	PRINCIPAL	10	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1	
724	Maxwell Park Middle School (Melrose)	A	1	OFFICE	RESTROOM	9	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
725	Maxwell Park Middle School (Melrose)	A	1	OFFICE	NURSE	14	162	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
726	Maxwell Park Middle School (Melrose)	A	1	2	CLASSROOM	15	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
727	Maxwell Park Middle School (Melrose)	A	1	COMMON	BOYS	20	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1	
728	Maxwell Park Middle School (Melrose)	A	1	1	CLASSROOM	22	101	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1	
729	Maxwell Park Middle School (Melrose)	A	1	COMMON	CORRIDOR	27	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1	
730	Maxwell Park Middle School (Melrose)	A	1	AUDITORIUM	MULTIPURPOSE	28	169	6	282	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSR R16AR GDB16	6	148	CEILING SENSOR	2	
731	Maxwell Park Middle School (Melrose)	A	1	AUDITORIUM	STAGE	25	101	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30			
732	Maxwell Park Middle School (Melrose)	A	1	EXTERIOR	PLAYGROUND		191	1	465	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED150TN	1	154			
733	Maxwell Park Middle School (Melrose)	A	1	EXTERIOR	PLAYGROUND		193	1	295	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED78SFN/PCT	1	77			
734	Maxwell Park Middle School (Melrose)	A	1	EXTERIOR	PLAYGROUND		149	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
735	Maxwell Park Middle School (Melrose)	A	1	EXTERIOR	EAST DOOR		192	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23			
736	Maxwell Park Middle School (Melrose)	A	1	EXTERIOR	DRIVE WAY		193	1	295	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED78SFN/PCT	1	77			
737	Maxwell Park Middle School (Melrose)	A	1	EXTERIOR	WEST DOOR		192	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23			
738	Maxwell Park Middle School (Melrose)	A	1	EXTERIOR	MAIN STREET ENTRY		141	2	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	2	14			
739	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	MECHANICAL	35	110	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30			
740	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	STAGE	34	218	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45			
741	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	GIRLS DRESSING STAGE	34	219	6	20	Retrofit Two Foot Fixture w/ (1) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	6	11			

Site: OAKLAND USD														1,870	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
742	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	GIRLS DRESSING STAGE	34	220	1	37	LED Can Kit	GE: LRXR610840MD	1	8.5		
743	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	GIRLS DRESSING STAGE	34	221	1	37	LED Can Kit with Battery	GE: LRXR610840MDEL	1	8.5		
744	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	MECHANICAL	34	110	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
745	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	BOYS DRESSING STAGE	34	219	6	20	Retrofit Two Foot Fixture w/ (1) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	6	11		
746	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	BOYS DRESSING STAGE	34	220	1	37	LED Can Kit	GE: LRXR610840MD	1	8.5		
747	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	BOYS DRESSING STAGE	34	221	1	37	LED Can Kit with Battery	GE: LRXR610840MDEL	1	8.5		
748	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	LIFT MACHINE	34	110	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
749	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	AUDITORIUM	33	222	6	47	Retrofit CFL Plug in fixture with (1) new LED PL lamps and replace ballast	Green Creative: 9.5PLV/840/DIR	6	11		
750	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	AUDITORIUM	33	223	6	90	Retrofit Incandescent fixture with (8) LED A Lamp	Green Creative: 17A21G4DIM/830/R	6	136		
751	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	AUDITORIUM	33	224	4	88	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 17PLL/840/DIR	4	34		
752	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	VESTIBULE	33	225	5	50	Retrofit Incandescent fixture with (1) LED MR16 Lamp	Green Creative: 8.5MR16DIM/927FL35	5	8.5		
753	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	CONTROL BOOTH	30	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
754	Elmhurst Middle School (Alliance and Elmhurst)	A	1	AUDITORIUM	DATA	31	110	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
755	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	MAIN CORRIDOR	6	162	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	5
756	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	MAIN CORRIDOR	6	227	9	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	15		
757	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	PRINCIPAL	27	101	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	CEILING SENSOR	1
758	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	CLOSET	27	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1
759	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	RECEPTION	26	206	3	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	CEILING SENSOR	2
760	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	RECEPTION	25	206	4	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	4	80		*
761	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	CLOSET	25	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1
762	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	WORKROOM	25A	206	1	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
763	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	WORKROOM	25A	228	1	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80		*
764	Elmhurst Middle School (Alliance and Elmhurst)	A	1	14	CLASSROOM	16 16A	229	12	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80	CEILING SENSOR	2
765	Elmhurst Middle School (Alliance and Elmhurst)	A	1	14	ELEVATOR MACHINE	28A	110	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
766	Elmhurst Middle School (Alliance and Elmhurst)	A	1	13	CLASSROOM	15	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
767	Elmhurst Middle School (Alliance and Elmhurst)	A	1	13	STORAGE	28B	110	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
768	Elmhurst Middle School (Alliance and Elmhurst)	A	1	12	CLASSROOM	14	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
769	Elmhurst Middle School (Alliance and Elmhurst)	A	1	11	CLASSROOM	13	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
770	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	HALL	5	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11		
771	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	HALL	5	230	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 8.5PLH/840/DIR	1	17		
772	Elmhurst Middle School (Alliance and Elmhurst)	A	1	10	CLASSROOM	12	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
773	Elmhurst Middle School (Alliance and Elmhurst)	A	1	9	CLASSROOM	11	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
774	Elmhurst Middle School (Alliance and Elmhurst)	A	1	8	CLASSROOM	10	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
775	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	MECHANICAL	29	183	5	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	5	12		
776	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	HALL	4	168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11		
777	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	HALL	4	230	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 8.5PLH/840/DIR	1	17		
778	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	MAIN CORRIDOR	1	162	7	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	7	60	CEILING SENSOR	4
779	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	MAIN CORRIDOR	1	227	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15		
780	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	ALLIANCE OFFICE	24	206	3	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	CEILING SENSOR	1
781	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	ALLIANCE OFFICE	22	206	2	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	CEILING SENSOR	1
782	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	OFFICE	23	206	1	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
783	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	OFFICE	23	228	1	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80		*
784	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	OFFICE	21	206	1	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
785	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	OFFICE	21	228	1	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80		*
786	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	OFFICE	20	206	1	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
787	Elmhurst Middle School (Alliance and Elmhurst)	A	1	OFFICE	OFFICE	19	206	1	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
788	Elmhurst Middle School (Alliance and Elmhurst)	A	1	1	CLASSROOM	18	162	18	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	18	60	CEILING SENSOR	1
789	Elmhurst Middle School (Alliance and Elmhurst)	A	1	2	CLASSROOM	17	201	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90	CEILING SENSOR	1
790	Elmhurst Middle School (Alliance and Elmhurst)	A	1	2	CLASSROOM	17	202	6	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		*
791	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	CUSTODIAN	2	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
792	Elmhurst Middle School (Alliance and Elmhurst)	A	1	COMMON	BOYS	36	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
793	Elmhurst Middle School (Alliance and Elmhurst)	A	1	5	CLASSROOM	7	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
794	Elmhurst Middle School (Alliance and Elmhurst)	A	1	6	CLASSROOM	8	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1

Site: OAKLAND USD															14,655	Existing			Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity							
795	Elmhurst Middle School (Alliance and Elmhurst)	A	1	7	CLASSROOM	9	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
796	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	MAIN CORRIDOR	1	162	7	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	7	60	CEILING SENSOR	4							
797	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	MAIN CORRIDOR	1	227	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15									
798	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	COUNSELOR	19	206	1	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	CEILING SENSOR	1							
799	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	COUNSELOR	19	228	1	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80		*							
800	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	COUNSELOR	19	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		*							
801	Elmhurst Middle School (Alliance and Elmhurst)	A	2	STAFF	RESTROOM	19	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1							
802	Elmhurst Middle School (Alliance and Elmhurst)	A	2	15	CLASSROOM	18	187	7	59	Two fixtures tandem Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30	CEILING SENSOR	1							
803	Elmhurst Middle School (Alliance and Elmhurst)	A	2	15	CLASSROOM	18	231	6	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	15		*							
804	Elmhurst Middle School (Alliance and Elmhurst)	A	2	15	CLASSROOM	18	232	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80		*							
805	Elmhurst Middle School (Alliance and Elmhurst)	A	2	16	CLASSROOM	17	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
806	Elmhurst Middle School (Alliance and Elmhurst)	A	2	17	CLASSROOM	17	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
807	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	STAIR WELL	2	202	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60									
808	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	GIRLS	27	208	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1							
809	Elmhurst Middle School (Alliance and Elmhurst)	A	2	18	CLASSROOM	7	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
810	Elmhurst Middle School (Alliance and Elmhurst)	A	2	19	CLASSROOM	8	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
811	Elmhurst Middle School (Alliance and Elmhurst)	A	2	20	CLASSROOM	9	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
812	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	STAIR WELL	3	202	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60									
813	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	MAIN CORRIDOR	1	162	11	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	11	60	CEILING SENSOR	5							
814	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	MAIN CORRIDOR	1	227	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15									
815	Elmhurst Middle School (Alliance and Elmhurst)	A	2	27	CLASSROOM	16	229	12	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80	CEILING SENSOR	2							
816	Elmhurst Middle School (Alliance and Elmhurst)	A	2	27	CLASSROOM	16	233	3	59	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80		*							
817	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	GIRLS	6	208	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30									
818	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	CUSTODIAN	6	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1							
819	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	WOMEN	23	234	1	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22									
820	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	WOMEN	23	197	1	26	LED Can Kit	GE: LRXR610840MD	1	8.5									
821	Elmhurst Middle School (Alliance and Elmhurst)	A	2	AUDITORIUM	BALCONY	22	235	2	47	Retrofit CFL Plug in fixture with (1) new LED PL lamps and replace ballast	Green Creative: 9.5PLV/840/DIR	2	11									
822	Elmhurst Middle School (Alliance and Elmhurst)	A	2	AUDITORIUM	BALCONY	22	236	2	90	Retrofit Incandescent fixture with (6) LED A Lamp	Green Creative: 17A21G4DIM/830/R	2	102									
823	Elmhurst Middle School (Alliance and Elmhurst)	A	2	AUDITORIUM	BALCONY	22	225	4	50	Retrofit Incandescent fixture with (1) LED MR16 Lamp	Green Creative: 8.5MR16DIM/927FL35	4	8.5									
824	Elmhurst Middle School (Alliance and Elmhurst)	A	2	AUDITORIUM	BALCONY	22	225	4	50	Retrofit Incandescent fixture with (1) LED MR16 Lamp	Green Creative: 8.5MR16DIM/927FL35	4	8.5									
825	Elmhurst Middle School (Alliance and Elmhurst)	A	2	AUDITORIUM	PROJECTOR	24	208	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30									
826	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	STORAGE	25	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1							
827	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	STAIR WELL	4	202	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60									
828	Elmhurst Middle School (Alliance and Elmhurst)	A	2	21	CLASSROOM	9	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
829	Elmhurst Middle School (Alliance and Elmhurst)	A	2	22	CLASSROOM	11	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
830	Elmhurst Middle School (Alliance and Elmhurst)	A	2	23	CLASSROOM	12	229	9	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1							
831	Elmhurst Middle School (Alliance and Elmhurst)	A	2	COMMON	STAIR WELL	5	202	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60									
832	Elmhurst Middle School (Alliance and Elmhurst)	A	2	24	CLASSROOM	13	229	12	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80	CEILING SENSOR	1							
833	Elmhurst Middle School (Alliance and Elmhurst)	A	2	24	STORAGE	13A	229	2	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	CEILING SENSOR	1							
834	Elmhurst Middle School (Alliance and Elmhurst)	A	2	24	STORAGE	13A	233	2	59	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80		*							
835	Elmhurst Middle School (Alliance and Elmhurst)	A	2	24	STORAGE	13B	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1							
836	Elmhurst Middle School (Alliance and Elmhurst)	A	2	25	CLASSROOM	14	101	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1							
837	Elmhurst Middle School (Alliance and Elmhurst)	A	2	25	STORAGE	13C	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1							
838	Elmhurst Middle School (Alliance and Elmhurst)	A	2	26	CLASSROOM	15	101	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1							
839	Elmhurst Middle School (Alliance and Elmhurst)	A	2	ASSISTANT	PRINCIPAL	16	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1							
840	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	MAIN ENTRY		149	2	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40									
841	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	MAIN ENTRY		168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11									
842	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	NORTH ENTRY		115	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25									
843	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	EAST WALL		237	2	295	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED80-40-UNV-T4-BZ-MS-FSP-L3	2	80									
844	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	EAST WALL		115	3	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	3	25									
845	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	EAST WALL		168	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11									
846	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	NORTH AUDITORIUM WALL		238	1	47	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED20-40-UNV-T3-BZ-PC	1	20									
847	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	EAST AUDITORIUM WALL		238	1	47	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED20-40-UNV-T3-BZ-PC	1	20									

Site: OAKLAND USD														14,655		1,877
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
848	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	WEST AUDITORIUM WALL		238	1	47	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED20-40-UNV-T3-BZ-PC	1	20			
849	Elmhurst Middle School (Alliance and Elmhurst)	A	1	EXTERIOR	A B CANOPY CONNECTOR		159	3	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12			
850	Elmhurst Middle School (Alliance and Elmhurst)	B	1	COMMON	CORRIDOR	1	108	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	2	
851	Elmhurst Middle School (Alliance and Elmhurst)	B	1	COMMON	CORRIDOR	2	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1	
852	Elmhurst Middle School (Alliance and Elmhurst)	B	1	226	CLASSROOM	3	160	14	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	14	60	CEILING SENSOR	1	
853	Elmhurst Middle School (Alliance and Elmhurst)	B	1	226	STORAGE	3A	239	1	54	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1	
854	Elmhurst Middle School (Alliance and Elmhurst)	B	1	226	WORKROOM	3D	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
855	Elmhurst Middle School (Alliance and Elmhurst)	B	1	227	CLASSROOM	6B	160	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
856	Elmhurst Middle School (Alliance and Elmhurst)	B	1	224	CLASSROOM	3B	160	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
857	Elmhurst Middle School (Alliance and Elmhurst)	B	1	224	STORAGE	3C	239	1	54	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1	
858	Elmhurst Middle School (Alliance and Elmhurst)	B	1	225	CLASSROOM	6	160	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
859	Elmhurst Middle School (Alliance and Elmhurst)	B	1	225	CLASSROOM	6	160	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60		*	
860	Elmhurst Middle School (Alliance and Elmhurst)	B	1	223	CLASSROOM	10	160	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
861	Elmhurst Middle School (Alliance and Elmhurst)	B	1	223	STORAGE	9	190	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
862	Elmhurst Middle School (Alliance and Elmhurst)	B	1	223	STORAGE	8	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1	
863	Elmhurst Middle School (Alliance and Elmhurst)	B	1	221	CLASSROOM	11	160	13	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	13	60	CEILING SENSOR	2	
864	Elmhurst Middle School (Alliance and Elmhurst)	B	1	221	CLASSROOM	11	159	2	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12		*	
865	Elmhurst Middle School (Alliance and Elmhurst)	B	1	221	OFFICE	12	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
866	Elmhurst Middle School (Alliance and Elmhurst)	B	1	221	STORAGE	13	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1	
867	Elmhurst Middle School (Alliance and Elmhurst)	B	1	221	STORAGE	14 15	110	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1	
868	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	TEXTBOOKS	5	110	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30	CEILING SENSOR	2	
869	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	TEXTBOOKS	5	190	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		*	
870	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	OFFICE	5C	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
871	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	LIBRARY	4	160	24	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	24	60	CEILING SENSOR	2	
872	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	LIBRARY	4	190	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30		*	
873	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	OFFICE	5D	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
874	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	DESK	5A	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1	
875	Elmhurst Middle School (Alliance and Elmhurst)	B	1	LIBRARY	STORAGE	5B	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
876	Elmhurst Middle School (Alliance and Elmhurst)	B	1	COMMON	BOYS	16	104	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1	
877	Elmhurst Middle School (Alliance and Elmhurst)	B	1	COMMON	GIRLS	17	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1	
878	Elmhurst Middle School (Alliance and Elmhurst)	B	1	COMMON	CUSTODIAN	18	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
879	Elmhurst Middle School (Alliance and Elmhurst)	B	1	CAFETERIA	FOOD LINE	19	104	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	1	
880	Elmhurst Middle School (Alliance and Elmhurst)	B	1	KITCHEN	KITCHEN	21	108	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30	CEILING SENSOR	2	
881	Elmhurst Middle School (Alliance and Elmhurst)	B	1	KITCHEN	SNACK BAR	21B	108	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
882	Elmhurst Middle School (Alliance and Elmhurst)	B	1	KITCHEN	STAFF LOCKER	21C	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1	
883	Elmhurst Middle School (Alliance and Elmhurst)	B	1	KITCHEN	RESTROOM	21C	240	1	52	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	WALL SWITCH SENSOR	1	
884	Elmhurst Middle School (Alliance and Elmhurst)	B	1	KITCHEN	MANAGER	21D	108	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1	
885	Elmhurst Middle School (Alliance and Elmhurst)	B	1	KITCHEN	POTS PANS	21	190	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
886	Elmhurst Middle School (Alliance and Elmhurst)	B	1	KITCHEN	KITCHEN	25	108	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
887	Elmhurst Middle School (Alliance and Elmhurst)	B	1	STAFF	LOUNGE	22	190	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	1	
888	Elmhurst Middle School (Alliance and Elmhurst)	B	1	204	CONFERENCE	26	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
889	Elmhurst Middle School (Alliance and Elmhurst)	B	1	204	CONFERENCE	26	190	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
890	Elmhurst Middle School (Alliance and Elmhurst)	B	1	206	WOMEN	27	240	1	52	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	WALL SWITCH SENSOR	1	
891	Elmhurst Middle School (Alliance and Elmhurst)	B	1	205	MEN	28	240	1	52	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	WALL SWITCH SENSOR	1	
892	Elmhurst Middle School (Alliance and Elmhurst)	B	1	207	WATER HEATER	23	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1	
893	Elmhurst Middle School (Alliance and Elmhurst)	B	1	CAFETERIA	HALL	24	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
894	Elmhurst Middle School (Alliance and Elmhurst)	B	1	214	STORAGE	20	108	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1	
895	Elmhurst Middle School (Alliance and Elmhurst)	B	1	CAFETERIA	CAFETERIA	29	160	28	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	28	60	CEILING SENSOR	2	
896	Elmhurst Middle School (Alliance and Elmhurst)	B	1	CAFETERIA	CAFETERIA	29	190	28	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	28	30		*	
897	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	NORTH CANOPY		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23			
898	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	WEST CANOPY		163	4	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	4	23			
899	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	SOUTH WALL		116	2	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25			
900	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	SOUTH CANOPY		163	4	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	4	23			

Site: OAKLAND USD						14,655		Existing		Proposed Retrofit		Proposed Materials		Proposed Qty		Proposed Fixture Watts		Proposed Sensor Type		Proposed Sensor Quantity	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity						
901	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	PARKING		247	2	70	No Retrofit	0	2	70								
902	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	EAST WALL		116	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25								
903	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	EAST WALL		159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12								
904	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	EAST WALL		241	1	26	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14								
905	Elmhurst Middle School (Alliance and Elmhurst)	B	1	EXTERIOR	NORTH WALL		116	2	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25								
906	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	HALL	20 21	243	3	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	3	30								
907	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	OFFICE	28	186	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1						
908	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	COACH	26	186	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30								
909	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	COACH	25	242	1	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	1	30								
910	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	EQUIPMENT	27	242	1	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	1	30								
911	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	CUSTODIAN	29	242	1	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	1	30	WALL SWITCH SENSOR	1						
912	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	LOCKER ROOM	23	242	9	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	9	30								
913	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	LOCKER ROOM	23	243	2	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	2	30								
914	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	SHOWER	24	110	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30								
915	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	EQUIPMENT	24B	242	2	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	2	30	WALL SWITCH SENSOR	1						
916	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	RESTROOM	22	243	2	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	2	30								
917	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GIRLS LOCKER ROOM	HALL	18 19	243	3	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	3	30								
918	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GYM	WEIGHT ROOM	17	242	6	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	6	30								
919	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GYM	GYMNASIUM	1	244	30	234	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSRI16AR GDB16	30	148	CEILING SENSOR	6						
920	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GYM	FITNESS GYM	2	242	6	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	6	30								
921	Elmhurst Middle School (Alliance and Elmhurst)	C	1	GYM	STORAGE	16	242	2	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	2	30								
922	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	HALL	3 4	243	3	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	3	30								
923	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	RESTROOM	7	243	2	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	2	30								
924	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	LOCKER ROOM	8	242	9	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	9	30								
925	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	LOCKER ROOM	8	243	3	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	3	30								
926	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	SHOWER	9	110	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30								
927	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	STORAGE	9	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1						
928	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	HALL	5 6	243	3	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	3	30								
929	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	OFFICE	13	186	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30								
930	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	COACH	11	186	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30								
931	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	COACH	10	242	1	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	1	30								
932	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	EQUIPMENT	12	242	1	66	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-W	1	30								
933	Elmhurst Middle School (Alliance and Elmhurst)	C	1	BOYS LOCKER ROOM	BOILER ROOM	14	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1						
934	Elmhurst Middle School (Alliance and Elmhurst)	C	1	EXTERIOR	WEST WALL		245	2	33	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	2	30								
935	Elmhurst Middle School (Alliance and Elmhurst)	C	1	EXTERIOR	WEST WALL		191	3	465	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED150TN	3	154								
936	Elmhurst Middle School (Alliance and Elmhurst)	C	1	EXTERIOR	EAST WALL		245	2	33	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	SLG: CR-34-G1-4K-ELUNV1 (120-277V EBB)	2	30								
937	Elmhurst Middle School (Alliance and Elmhurst)	PL	1	117	CLASSROOM	PL	111	10	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1						
938	Elmhurst Middle School (Alliance and Elmhurst)	PL	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14								
939	Elmhurst Middle School (Alliance and Elmhurst)	PL	1	EXTERIOR	REAR		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30								
940	Elmhurst Middle School (Alliance and Elmhurst)	PF	1	116	CLASSROOM	PF	104	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1						
941	Elmhurst Middle School (Alliance and Elmhurst)	PF	1	116	OFFICE	PF	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1						
942	Elmhurst Middle School (Alliance and Elmhurst)	PF	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14								
943	Elmhurst Middle School (Alliance and Elmhurst)	PE	1	112	CLASSROOM	PE	104	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1						
944	Elmhurst Middle School (Alliance and Elmhurst)	PE	1	112	OFFICE	PE	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1						
945	Elmhurst Middle School (Alliance and Elmhurst)	PE	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14								
946	Elmhurst Middle School (Alliance and Elmhurst)	PM	1	110	CLASSROOM	PM	111	10	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1						
947	Elmhurst Middle School (Alliance and Elmhurst)	PM	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14								
948	Elmhurst Middle School (Alliance and Elmhurst)	PT	1	EXTERIOR	GIRLS		147	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1						
949	Elmhurst Middle School (Alliance and Elmhurst)	PT	1	EXTERIOR	BOYS		147	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1						
950	Elmhurst Middle School (Alliance and Elmhurst)	PT	1	EXTERIOR	STAFF		147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1						
951	Elmhurst Middle School (Alliance and Elmhurst)	PT	1	EXTERIOR	DOOR		116	2	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25								
952	Elmhurst Middle School (Alliance and Elmhurst)	PG	1	101	CLASSROOM	PG	111	10	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1						
953	Elmhurst Middle School (Alliance and Elmhurst)	PG	1	EXTERIOR	DOOR		116	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25								

Site: OAKLAND USD										14,655	Existing	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts									
954	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	RECEPTION	PN	147	4	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30				
955	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	10 EXAM	PN	147	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
956	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	9 EXAM	PN	147	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
957	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	8 CHART	PN	147	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
958	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	RESTROOM	PN	197	1	26		LED Can Kit	GE: LRXR610840MD	1	8.5				
959	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	RESTROOM	PN	246	1	46		Retrofit Three Foot Fixture w/ (1) LED lamp and separate driver	Espen: L36T8/840/11G-XT N	1	14				
960	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	6 LABORATORY	PN	147	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
961	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	5 CONSULTING	PN	147	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
962	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	4 CONSULTING	PN	147	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
963	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	3 CONSULTING	PN	147	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
964	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	103	2 CONSULTING	PN	147	1	59		Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25				
965	Elmhurst Middle School (Alliance and Elmhurst)	PN	1	EXTERIOR	DOOR		116	1	95		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	2		
966	Elmhurst Middle School (Alliance and Elmhurst)	PH	1	104	CLASSROOM	PH	101	12	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	14				
967	Elmhurst Middle School (Alliance and Elmhurst)	PH	1	EXTERIOR	DOOR		173	1	31		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	10	60	CEILING SENSOR	1		
968	Elmhurst Middle School (Alliance and Elmhurst)	PK	1	118	CLASSROOM	PK	111	10	112		Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	14				
969	Elmhurst Middle School (Alliance and Elmhurst)	PK	1	EXTERIOR	DOOR		141	1	37		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	4	23				
970	Elmhurst Middle School (Alliance and Elmhurst)	D	1	EXTERIOR	SOUTH WALKWAY		163	4	66		Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	15	30	CEILING SENSOR	1		
971	Elmhurst Middle School (Alliance and Elmhurst)	D	1	3500	CLASSROOM	1	147	15	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1		
972	Elmhurst Middle School (Alliance and Elmhurst)	D	1	3000	CLASSROOM	2	147	15	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
973	Elmhurst Middle School (Alliance and Elmhurst)	D	1	3000	HALL	3	147	2	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	20	WALL SWITCH SENSOR	1		
974	Elmhurst Middle School (Alliance and Elmhurst)	D	1	3000	RESTROOM	5	105	2	48		Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	20	30	CEILING SENSOR	2		
975	Elmhurst Middle School (Alliance and Elmhurst)	D	1	2000	CLASSROOM	2B	147	20	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	80	CEILING SENSOR	2		
976	Elmhurst Middle School (Alliance and Elmhurst)	D	1	1000	CLASSROOM	7	232	24	59		Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	1	80	WALL SWITCH SENSOR	1		
977	Elmhurst Middle School (Alliance and Elmhurst)	D	1	1000	CLASSROOM	4	232	1	59		Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1		
978	Elmhurst Middle School (Alliance and Elmhurst)	D	1	1000	STORAGE	4	232	2	59		Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	15	30	CEILING SENSOR	1		
979	Elmhurst Middle School (Alliance and Elmhurst)	D	1	1500	CLASSROOM	8	147	15	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	80	WALL SWITCH SENSOR	1		
980	Elmhurst Middle School (Alliance and Elmhurst)	D	1	1500	STORAGE	8	232	2	59		Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	15	30	CEILING SENSOR	1		
981	Elmhurst Middle School (Alliance and Elmhurst)	D	1	2500	CLASSROOM	1B	147	15	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
982	Skyline High School	P10	1	133	CLASSROOM	P10	146	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	9				
983	Skyline High School	P10	1	133	DOOR		114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	12	45				
984	Skyline High School	P11	1	132	CLASSROOM	P11	146	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	9				
985	Skyline High School	P11	1	132	DOOR		114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	12	45				
986	Skyline High School	P12	1	131	CLASSROOM	P12	146	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	9				
987	Skyline High School	P12	1	131	DOOR		114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	12	45				
988	Skyline High School	P13	1	130	CLASSROOM	P13	146	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	9				
989	Skyline High School	P13	1	130	DOOR		114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
990	Skyline High School	ELECTRICAL	1	EXTERIOR	SHACK	NO MAP	105	1	48		Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1		
991	Skyline High School	P16	1	111	CLASSROOM	P16	104	6	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30				
992	Skyline High School	P16	1	111	SIDE		248	2	188		Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40				
993	Skyline High School	P15	1	112	CLASSROOM	P15	146	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
994	Skyline High School	P15	1	112	DOOR		114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
995	Skyline High School	P17	1	110	CLASSROOM	P17	101	12	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30				
996	Skyline High School	P17	1	110	DOOR		248	1	188		Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40				
997	Skyline High School	P14	1	113	CLASSROOM	P14	146	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
998	Skyline High School	P14	1	113	DOOR		114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
999	Skyline High School	P18	1	104	CLASSROOM	P18	177	16	112		Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	16	60	CEILING SENSOR	1		
1000	Skyline High School	P18	1	104	CLOSET	P18	173	1	31		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14	WALL SWITCH SENSOR	1		
1001	Skyline High School	P18	1	104	CLOSET	P18	114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1		
1002	Skyline High School	P18	1	104	CLOSET	P18	195	1	31		Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1		
1003	Skyline High School	P18	1	104	CLOSET	P18	114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1		
1004	Skyline High School	P18	1	104	CLOSET	P18	114	1	14		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14				
1005	Skyline High School	P19	1	103	CLASSROOM	P19	104	5	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1		
1006	Skyline High School	P19	1	103	OFFICE	P19	207	1	112		Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1		

Site: OAKLAND USD															14,655	1,874
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
1007	Skyline High School	P19	1	103	DOOR											
1008	Skyline High School	P20	1	102	CLASSROOM	P20	104	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1009	Skyline High School	P21	1	101	CLASSROOM	P21	104	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1010	Skyline High School	P21	1	101	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1011	Skyline High School	P22	1	100	CLASSROOM	P22	104	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1012	Skyline High School	P22	1	100	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1013	Skyline High School	P28	1	90	CLASSROOM	P28	104	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1014	Skyline High School	P28	1	90	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1015	Skyline High School	P28	1	90	REAR					Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1016	Skyline High School	P27	1	91	CLASSROOM	P27	104	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
1017	Skyline High School	P27	1	91	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1018	Skyline High School	P26	1	92	CLASSROOM	P26	104	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1019	Skyline High School	P26	1	92	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1020	Skyline High School	P26	1	92	SIDE					Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
1021	Skyline High School	P25	1	93	CLASSROOM	P25	104	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
1022	Skyline High School	P25	1	93	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1023	Skyline High School	P24	1	94	CLASSROOM	P24	147	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
1024	Skyline High School	P24	1	94	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1025	Skyline High School	P23	1	95	CLASSROOM	P23	146	12	89	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1026	Skyline High School	P23	1	95	DOOR					Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45			
1027	Skyline High School	P29	1	85	CLASSROOM	P29	114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
1028	Skyline High School	P29	1	85	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30			
1029	Skyline High School	P30	1	84	CLASSROOM	P30	147	6	59	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1030	Skyline High School	P30	1	84	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30			
1031	Skyline High School	P30	1	84	SIDE					Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1032	Skyline High School	P31	1	83	CLASSROOM	P31	177	14	112	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
1033	Skyline High School	P31	1	83	CLOSET					Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	14	60	CEILING SENSOR	1	
1034	Skyline High School	P31	1	83	RESTROOM	P31	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1	
1035	Skyline High School	P31	1	83	OFFICE	P31	147	1	59	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1	
1036	Skyline High School	P31	1	83	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
1037	Skyline High School	P32	1	82	CLASSROOM	P32	147	15	59	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1038	Skyline High School	P32	1	82	DOOR					Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1	
1039	Skyline High School	P32	1	82	SIDE					Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1040	Skyline High School	P33	1	81	CLASSROOM	P33	177	16	112	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
1041	Skyline High School	P33	1	81	CLOSET					Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	16	60	CEILING SENSOR	1	
1042	Skyline High School	P33	1	81	CLOSET	P33	173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14	WALL SWITCH SENSOR	1	
1043	Skyline High School	P33	1	81	CLOSET	P33	114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1	
1044	Skyline High School	P33	1	81	CLOSET	P33	195	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1	
1045	Skyline High School	P33	1	81	CLOSET	P33	114	1	14	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1	
1046	Skyline High School	P33	1	81	DOOR					Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1	
1047	Skyline High School	P34	1	80	CLASSROOM	P34	177	16	112	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1048	Skyline High School	P34	1	81	CLOSET	P34	173	1	31	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	16	60	CEILING SENSOR	1	
1049	Skyline High School	P34	1	81	CLOSET	P34	114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14	WALL SWITCH SENSOR	1	
1050	Skyline High School	P34	1	81	CLOSET	P34	195	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1	
1051	Skyline High School	P34	1	81	CLOSET	P34	114	1	14	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1	
1052	Skyline High School	P34	1	80	DOOR					Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1	
1053	Skyline High School	P34	1	81	DOOR					Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1054	Skyline High School	F	1	COMMON	CORRIDOR	19	250	16	112	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40			
1055	Skyline High School	F	1	COMMON	CORRIDOR	19	251	6	112	existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 Luv in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	16	40	CEILING SENSOR	5	
1056	Skyline High School	F	1	76	CLASSROOM	1	207	6	112	existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 Luv in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	6	40		*	
1057	Skyline High School	F	1	76	PREP	2	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80			
1058	Skyline High School	F	1	74	CLASSROOM	3	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80			
1059	Skyline High School	F	1	72	CLASSROOM	4	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80			
1059	Skyline High School	F	1	72	PREP	5	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80			

Site: OAKLAND USD														1,874	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1060	Skyline High School	F	1	70	CLASSROOM	6	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80		
1061	Skyline High School	F	1	71	CLASSROOM	18	207	18	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	18	80		
1062	Skyline High School	F	1	71	PREP	17	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80		
1063	Skyline High School	F	1	73	CLASSROOM	16	207	18	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	18	80		
1064	Skyline High School	F	1	COMMON	CUSTODIAN	12	183	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1065	Skyline High School	F	1	COMMON	CUSTODIAN	13	183	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1066	Skyline High School	F	1	COMMON	WOMEN	10	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1067	Skyline High School	F	1	COMMON	WOMEN	10	114	2	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9		*
1068	Skyline High School	F	1	COMMON	MEN	9	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1069	Skyline High School	F	1	COMMON	DATA	11	186	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1070	Skyline High School	F	1	77	CLASSROOM	8	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1071	Skyline High School	F	1	79	CLASSROOM	7	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1072	Skyline High School	F	1	EXTERIOR	EAST ENTRY		159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		
1073	Skyline High School	F	1	EXTERIOR	NORTH SIDE		163	6	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	6	23		
1074	Skyline High School	F	1	EXTERIOR	NORTH SIDE		252	1	138	Remove Existing Floodlight and install (1) New Floodlight	RAB: FFLED26N	1	29		
1075	Skyline High School	F	1	EXTERIOR	CANOPY		153	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
1076	Skyline High School	E	1	COMMON	CORRIDOR	19	250	18	112	existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 L av in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	18	40	CEILING SENSOR	5
1077	Skyline High School	E	1	COMMON	CORRIDOR	19	251	6	112	existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 L av in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	6	40		*
1078	Skyline High School	E	1	60	CLASSROOM	7	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1079	Skyline High School	E	1	62	CLASSROOM	6	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1080	Skyline High School	E	1	64	CLASSROOM	5	207	12	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80		
1081	Skyline High School	E	1	64	PREP	4	182	3	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80		
1082	Skyline High School	E	1	66	CLASSROOM	3	207	12	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80		
1083	Skyline High School	E	1	68	PREP	4	182	3	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80		
1084	Skyline High School	E	1	68	CLASSROOM	1	207	12	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80		
1085	Skyline High School	E	1	60	CLASSROOM	8	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1086	Skyline High School	E	1	67	CLASSROOM	9	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1087	Skyline High School	E	1	COMMON	GIRLS	10	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	CEILING SENSOR	1
1088	Skyline High School	E	1	COMMON	CUSTODIAN	14 13	144	2	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	2
1089	Skyline High School	E	1	COMMON	BOYS	15	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	CEILING SENSOR	1
1090	Skyline High School	E	1	65	CLASSROOM	16	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1091	Skyline High School	E	1	65	DATA	17	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	
1092	Skyline High School	E	1	63	CLASSROOM	16	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1093	Skyline High School	E	1	63	STORAGE	18	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	
1094	Skyline High School	E	1	61	CLASSROOM	20	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1095	Skyline High School	E	1	EXTERIOR	EAST SIDE		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
1096	Skyline High School	E	1	EXTERIOR	EAST SIDE		252	1	138	Remove Existing Floodlight and install (1) New Floodlight	RAB: FFLED26N	1	29		
1097	Skyline High School	E	1	EXTERIOR	SOUTH ENTRY		266	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
1098	Skyline High School	E	1	EXTERIOR	WEST SIDE		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
1099	Skyline High School	E	1	EXTERIOR	CANOPY		153	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
1100	Skyline High School	E	1	EXTERIOR	WEST		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
1101	Skyline High School	E	1	EXTERIOR	WEST		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
1102	Skyline High School	E	1	EXTERIOR	EAST		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
1103	Skyline High School	E	1	EXTERIOR	EAST		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
1104	Skyline High School	M	1	COMMON	LOBBY	28	253	4	69	Retrofit Incandescent fixture with (3) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	36	CEILING SENSOR	1
1105	Skyline High School	M	1	COMMON	LOBBY	28	254	14	23	Retrofit Incandescent fixture with (1) LED PAR 30 Lamp	Green Creative: 13PAR30DIM/927FL40	14	13		*
1106	Skyline High School	M	1	COMMON	LOBBY	28	255	8	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	8	12		*
1107	Skyline High School	M	1	COMMON	WOMEN	33	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	CEILING SENSOR	1
1108	Skyline High School	M	1	COMMON	WOMEN	33	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*
1109	Skyline High School	M	1	COMMON	MEN	30 32	105	4	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	4	20	CEILING SENSOR	1
1110	Skyline High School	M	1	COMMON	MEN	30 32	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*
1111	Skyline High School	M	1	COMMON	CUSTODIAN	31	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1112	Skyline High School	M	1	COMMON	STORAGE	20	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1

Site: OAKLAND USD						14,655				1,870					
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1113	Skyline High School	M	1	COMMON	TICKETS	19	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1114	Skyline High School	M	1	COMMON	TICKETS	19	255	2	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
1115	Skyline High School	M	1	COMMON	CLASSROOM	27	166	22	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	22	30	CEILING SENSOR	1
1116	Skyline High School	M	1	COMMON	KITCHEN	25	105	3	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	3	20	WALL SWITCH SENSOR	1
1117	Skyline High School	M	1	COMMON	OFFICE	24	105	3	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	3	20	WALL SWITCH SENSOR	1
1118	Skyline High School	M	1	AUDITORIUM	SEATING	17	256	2	100	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	2	17		
1119	Skyline High School	M	1	AUDITORIUM	SEATING	17	257	80	200	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	80	17		
1120	Skyline High School	M	1	AUDITORIUM	SEATING	17	258	50	300	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	50	17		
1121	Skyline High School	M	1	AUDITORIUM	STAGE	16	183	6	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	6	12		
1122	Skyline High School	M	1	AUDITORIUM	STAGE	16	159	4	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12		
1123	Skyline High School	M	1	AUDITORIUM	STAIR WELL	12	105	5	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	5	20		
1124	Skyline High School	M	1	AUDITORIUM	BOYS	8	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1125	Skyline High School	M	1	AUDITORIUM	BOYS	8	144	3	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12	WALL SWITCH SENSOR	1
1126	Skyline High School	M	1	AUDITORIUM	BOYS	8	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1127	Skyline High School	M	1	AUDITORIUM	GIRLS	11	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1128	Skyline High School	M	1	AUDITORIUM	GIRLS	11	144	3	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12	WALL SWITCH SENSOR	1
1129	Skyline High School	M	1	AUDITORIUM	GIRLS	11	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1130	Skyline High School	M	1	AUDITORIUM	PROPS	13	104	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	2
1131	Skyline High School	M	1	AUDITORIUM	PRIVATE	2	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1132	Skyline High School	M	1	AUDITORIUM	CUSTODIAN	15	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1133	Skyline High School	M	1	AUDITORIUM	STORAGE	4	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1134	Skyline High School	M	1	EXTERIOR	CUSTODIAN	1	144	4	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	WALL SWITCH SENSOR	1
1135	Skyline High School	M	1	EXTERIOR	BOILER ROOM	3	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1136	Skyline High School	M	1	EXTERIOR	SUPPLIES	5	183	2	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
1137	Skyline High School	M	1	EXTERIOR	REAR STAGE ENTRY		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14		
1138	Skyline High School	M	1	EXTERIOR	NORTH WALL		173	3	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	3	14		
1139	Skyline High School	M	1	EXTERIOR	NORTH WALL		248	2	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40		
1140	Skyline High School	M	1	EXTERIOR	WEST WALL		259	1	100	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	1	17		
1141	Skyline High School	M	1	EXTERIOR	LOBBY ENTRY	29	255	5	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	5	12		
1142	Skyline High School	M	1	EXTERIOR	LOBBY ENTRY	29	254	4	23	Retrofit Incandescent fixture with (1) LED PAR 30 Lamp	Green Creative: 13PAR30DIM/927FL40	4	13		
1143	Skyline High School	M	1	EXTERIOR	SOUTH WALL		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14		
1144	Skyline High School	P8	1	16A	CLASSROOM	P8	207	6	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1
1145	Skyline High School	P8	1	16A	SUPPLIES	P8	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
1146	Skyline High School	P8	1	16B	NURSE	P8	207	5	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	5	80	CEILING SENSOR	1
1147	Skyline High School	P8	1	16B	NURSE	P8	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		*
1148	Skyline High School	P8	1	EXTERIOR	DOOR		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14		
1149	Skyline High School	P8	1	EXTERIOR	DOOR		144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		
1150	Skyline High School	P6	1	17	CLASSROOM	P6	177	16	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	16	60	CEILING SENSOR	1
1151	Skyline High School	P6	1	17	CLOSET	P6	173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14	WALL SWITCH SENSOR	1
1152	Skyline High School	P6	1	17	CLOSET	P6	114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1
1153	Skyline High School	P6	1	17	CLOSET	P6	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1
1154	Skyline High School	P6	1	17	CLOSET	P6	114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	WALL SWITCH SENSOR	1
1155	Skyline High School	P6	1	EXTERIOR	DOOR		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14		
1156	Skyline High School	P7	1	14	CLASSROOM	P7	177	19	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	19	60	CEILING SENSOR	1
1157	Skyline High School	P7	1	EXTERIOR	DOOR		248	1	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40		
1158	Skyline High School	P9	1	15	CLASSROOM	P9	177	16	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	16	60	CEILING SENSOR	2
1159	Skyline High School	P9	1	EXTERIOR	DOOR		173	2	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	2	14		
1160	Skyline High School	L	1	10A	CLASSROOM	34	228	10	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	10	80	CEILING SENSOR	1
1161	Skyline High School	L	1	10B	CLASSROOM	35	147	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
1162	Skyline High School	L	1	10	BIKE SHOP	32	226	12	50	Retrofit Incandescent fixture with (1) LED MR16 Lamp	Green Creative: 8.5MR16DIM/927FL35	12	8.5	WALL SWITCH SENSOR	2
1163	Skyline High School	L	1	10C	HALL	29	147	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	2
1164	Skyline High School	L	1	10C	CLASSROOM	35A	147	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
1165	Skyline High School	L	1	10C	STORAGE	31	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1

Site: OAKLAND USD															14,655		1,877
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity		
1166	Skyline High School	L	1	10C	STORAGE	30	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1167	Skyline High School	L	1	11A	CLASSROOM	27	228	10	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	10	80	CEILING SENSOR	1		
1168	Skyline High School	L	1	11B	CLASSROOM	28	162	25	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	25	60	CEILING SENSOR	2		
1169	Skyline High School	L	1	11B	OFFICE	26	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
1170	Skyline High School	L	1	11C	HALL	24	183	2	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1		
1171	Skyline High School	L	1	11C	CLASSROOM	28A	162	24	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	24	60	CEILING SENSOR	2		
1172	Skyline High School	L	1	11C	STORAGE	25	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1173	Skyline High School	L	1	11C	STORAGE	18	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
1174	Skyline High School	L	1	11C	STORAGE	19	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1		
1175	Skyline High School	L	1	11C	STORAGE	20	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1176	Skyline High School	L	1	EXTERIOR	RESTROOM	23	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1177	Skyline High School	L	1	EXTERIOR	CUSTODIAN	22	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1178	Skyline High School	L	1	12A	LOUNGE	11	183	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	2		
1179	Skyline High School	L	1	12A	LOUNGE	11	147	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		*		
1180	Skyline High School	L	1	12A	ELECTRICAL	13	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
1181	Skyline High School	L	1	12A	ELECTRICAL	14	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
1182	Skyline High School	L	1	12A	CLASSROOM	10	228	12	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	12	80	CEILING SENSOR	1		
1183	Skyline High School	L	1	12A	CLASSROOM	16A	147	19	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	19	30	CEILING SENSOR	1		
1184	Skyline High School	L	1	12A	STORAGE	16A	147	19	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	19	30	CEILING SENSOR	1		
1185	Skyline High School	L	1	12B	DATA	12	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1		
1186	Skyline High School	L	1	12B	STORAGE	15	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1		
1187	Skyline High School	L	1	12B	CLASSROOM	16	147	20	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	20	30				
1188	Skyline High School	L	1	13	CLASSROOM	7	228	12	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	12	80	CEILING SENSOR	1		
1189	Skyline High School	L	1	13	OFFICE	8	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1190	Skyline High School	L	1	13	OFFICE	9	260	2	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1		
1191	Skyline High School	L	1	13D	CLASSROOM	6	147	19	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	19	30				
1192	Skyline High School	L	1	13D	STORAGE	6	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1		
1193	Skyline High School	L	1	13	HALL	6A	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1194	Skyline High School	L	1	13B	CLASSROOM	6A	147	15	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30				
1195	Skyline High School	L	1	13B	STORAGE	3	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1		
1196	Skyline High School	L	1	13B	STORAGE	2	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1		
1197	Skyline High School	L	1	13B	STORAGE	1	195	1	31	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	1	17	WALL SWITCH SENSOR	1		
1198	Skyline High School	L	1	EXTERIOR	EAST WALL		173	2	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	2	14				
1199	Skyline High School	L	1	EXTERIOR	NORTH WALL		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30				
1200	Skyline High School	L	1	EXTERIOR	NORTH WALL		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14				
1201	Skyline High School	L	1	EXTERIOR	NORTH WALL		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14				
1202	Skyline High School	P35	1	HEALTH	RECEPTION	P35	147	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
1203	Skyline High School	P35	1	HEALTH	HALL	P35	147	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
1204	Skyline High School	P35	1	HEALTH	9 OFFICE	P35	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1205	Skyline High School	P35	1	HEALTH	8 OFFICE	P35	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1206	Skyline High School	P35	1	HEALTH	RESTROOM	P35	246	1	46	Retrofit Three Foot Fixture w/ (1) LED lamp and separate driver	Espen: L36T8/840/11G-XT N	1	14				
1207	Skyline High School	P35	1	HEALTH	RESTROOM	P35	197	1	26	LED Can Kit	GE: LRXR610840MD	1	8.5				
1208	Skyline High School	P35	1	HEALTH	6 LABORATORY	P35	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1209	Skyline High School	P35	1	HEALTH	5 ASSISTANT	P35	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1210	Skyline High School	P35	1	HEALTH	4 EXAM	P35	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1211	Skyline High School	P35	1	HEALTH	3 EXAM	P35	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1212	Skyline High School	P35	1	HEALTH	2 OFFICE	P35	147	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1213	Skyline High School	P35	1	EXTERIOR	DOOR		124	1	66	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC-EM	1	30				
1214	Skyline High School	P5	1	P5	CLASSROOM	P5	111	13	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	13	60				
1215	Skyline High School	P5	1	P5	STORAGE	P5	177	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1		
1216	Skyline High School	P5	1	P5	RESTROOM	P5	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1		
1217	Skyline High School	P5	1	P5	OFFICE	P5	177	1	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1		
1218	Skyline High School	P5	1	P5	OFFICE	P5	177	1	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1		

Site: OAKLAND USD										14,654	Existing				1,874
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1219	Skyline High School	P5	1	P5	LOUNGE	P5	177	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60		
1220	Skyline High School	P5	1	P5	FILES	P5	177	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	
1221	Skyline High School	P5	1	P5	OFFICE	P5	177	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	
1222	Skyline High School	P5	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9		
1223	Skyline High School	P5	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14		
1224	Skyline High School	A	1	COMMON	CORRIDOR	38	250	9	112	existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 Lav in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	9	40	CEILING SENSOR	2
1225	Skyline High School	A	1	OFFICE	CORRIDOR	21	104	7	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30	CEILING SENSOR	2
1226	Skyline High School	A	1	OFFICE	OFFICE	1	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1227	Skyline High School	A	1	OFFICE	COUNSELOR	2	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1228	Skyline High School	A	1	OFFICE	THERAPIST	3	182	1	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1229	Skyline High School	A	1	OFFICE	PSYCHOLOGIST	8	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1230	Skyline High School	A	1	OFFICE	COUNSELOR	4	182	1	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1231	Skyline High School	A	1	OFFICE	WORK ROOM	9	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
1232	Skyline High School	A	1	OFFICE	COUNSELOR	5	182	1	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1233	Skyline High School	A	1	OFFICE	CAREER OFFICE	6	182	1	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1234	Skyline High School	A	1	OFFICE	COUNSELOR	7	182	1	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1235	Skyline High School	A	1	OFFICE	OPEN	13 17	207	10	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	10	80	CEILING SENSOR	2
1236	Skyline High School	A	1	OFFICE	OPEN	12	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80		*
1237	Skyline High School	A	1	OFFICE	DEAN	18	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1238	Skyline High School	A	1	OFFICE	HALL	21	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
1239	Skyline High School	A	1	OFFICE	10	15	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1240	Skyline High School	A	1	OFFICE	SUPPLIES	19B	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1241	Skyline High School	A	1	OFFICE	VAULT	16	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	TOUCH TIMER	1
1242	Skyline High School	A	1	OFFICE	VAULT	16	239	1	54	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20		*
1243	Skyline High School	A	1	OFFICE	ADMINISTRATOR	19C	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1244	Skyline High School	A	1	OFFICE	12	19D	207	1	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1245	Skyline High School	A	1	OFFICE	RECEPTION	19A	182	6	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	2
1246	Skyline High School	A	1	OFFICE	RECEPTION	19A	250	3	112	existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 Lav in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	3	40		*
1247	Skyline High School	A	1	OFFICE	PRINCIPAL	27	207	1	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1248	Skyline High School	A	1	OFFICE	PRINCIPAL	28	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1249	Skyline High School	A	1	OFFICE	RESTROOM	26	234	1	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	WALL SWITCH SENSOR	1
1250	Skyline High School	A	1	OFFICE	RESTROOM	26	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		*
1251	Skyline High School	A	1	OFFICE	PRINCIPAL	25	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1252	Skyline High School	A	1	OFFICE	POLICE	22	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1253	Skyline High School	A	1	COMMON	WOMEN	30	239	2	54	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1
1254	Skyline High School	A	1	COMMON	MEN	31	239	2	54	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1
1255	Skyline High School	A	1	COMMON	CUSTODIAN	29	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
1256	Skyline High School	A	1	COMMON	OFFICE	32	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1257	Skyline High School	A	1	COMMON	OFFICE	32A	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1258	Skyline High School	A	1	COMMON	CONFERENCE	33	207	4	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	4	80	WALL SWITCH SENSOR	1
1259	Skyline High School	A	1	COMMON	ASB	33	207	4	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	4	80	WALL SWITCH SENSOR	1
1260	Skyline High School	A	1	COMMON	FACP	35	182	6	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	WALL SWITCH SENSOR	2
1261	Skyline High School	A	1	COMMON	FACP	36	207	2	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1262	Skyline High School	A	1	COMMON	DATA	37	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1
1263	Skyline High School	A	1	EXTERIOR	NORTH		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
1264	Skyline High School	A	1	EXTERIOR	NORTH		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
1265	Skyline High School	A	1	EXTERIOR	NORTH		266	6	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	6	25		
1266	Skyline High School	A	1	EXTERIOR	EAST		266	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
1267	Skyline High School	A	1	EXTERIOR	EAST		266	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
1268	Skyline High School	A	1	EXTERIOR	WEST		266	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25		
1269	Skyline High School	A	1	EXTERIOR	SOUTH		266	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
1270	Skyline High School	K	1	COMMON	HALL	24	104	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30		
1271	Skyline High School	K	1	M3	MUSIC	20	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80	CEILING SENSOR	2

Site: OAKLAND USD															14,655	Existing				1,87
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity					
1272	Skyline High School	K	1	M3	STORAGE	23	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1					
1273	Skyline High School	K	1	M3	OFFICE	22	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1					
1274	Skyline High School	K	1	M3	PRACTICE	16	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	CEILING SENSOR	1					
1275	Skyline High School	K	1	M3	PRACTICE	19	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		*					
1276	Skyline High School	K	1	M3	PRACTICE	15	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1277	Skyline High School	K	1	M3	STORAGE	14	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1					
1278	Skyline High School	K	1	M3	FILES	11	194	2	88	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	2	17	WALL SWITCH SENSOR	1					
1279	Skyline High School	K	1	M3	SINK	12	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1					
1280	Skyline High School	K	1	M3	WARDROBE	13	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1					
1281	Skyline High School	K	1	M3	PRACTICE	18	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1282	Skyline High School	K	1	M3	PRACTICE	17	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1283	Skyline High School	K	1	COMMON	HALL	21	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	2					
1284	Skyline High School	K	1	COMMON	CUSTODIAN	9	144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1					
1285	Skyline High School	K	1	M1	MUSIC	6	182	9	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1					
1286	Skyline High School	K	1	M1	BREAK	8	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1287	Skyline High School	K	1	COMMON	OFFICE	7	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1288	Skyline High School	K	1	M2	MUSIC	1	166	28	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	28	30	CEILING SENSOR	1					
1289	Skyline High School	K	1	M2	MUSIC	1	159	4	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12		*					
1290	Skyline High School	K	1	M2	STAGE	2	105	3	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	3	20							
1291	Skyline High School	K	1	M2	STAGE	2	261	8	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	8	12							
1292	Skyline High School	K	1	M2	STORAGE	3	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1					
1293	Skyline High School	K	1	M2	STORAGE	4	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1					
1294	Skyline High School	K	1	M4	MUSIC	5	207	12	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80	CEILING SENSOR	1					
1295	Skyline High School	K	1	EXTERIOR	SOUTH		266	11	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	11	25							
1296	Skyline High School	K	1	EXTERIOR	EAST		266	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25							
1297	Skyline High School	K	1	EXTERIOR	WEST		266	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25							
1298	Skyline High School	H	1	COMMON	CORRIDOR	22	147	36	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	36	30							
1299	Skyline High School	H	1	26	CLASSROOM	8	104	30	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	30	30	CEILING SENSOR	2					
1300	Skyline High School	H	1	26	SUPPLIES	9	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1301	Skyline High School	H	1	25	CLASSROOM	6	104	27	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	27	30	CEILING SENSOR	2					
1302	Skyline High School	H	1	25	STORAGE	7	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1					
1303	Skyline High School	H	1	25	SUPPLIES	5	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1304	Skyline High School	H	1	GRAPHIC DESIGN	CLASSROOM	3	101	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	2					
1305	Skyline High School	H	1	GRAPHIC DESIGN	STORAGE	2	183	2	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1					
1306	Skyline High School	H	1	24	CLASSROOM	1	207	20	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	20	80	CEILING SENSOR	2					
1307	Skyline High School	H	1	20	CLASSROOM	21	207	16	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	16	80	CEILING SENSOR	2					
1308	Skyline High School	H	1	20	STORAGE	23	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1309	Skyline High School	H	1	20B	OFFICE	20	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1					
1310	Skyline High School	H	1	COMMON	GIRLS	19	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	CEILING SENSOR	1					
1311	Skyline High School	H	1	COMMON	ELECTRICAL	14 15	183	4	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	WALL SWITCH SENSOR	2					
1312	Skyline High School	H	1	COMMON	BOYS	13	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1					
1313	Skyline High School	H	1	24	CLASSROOM	11	207	18	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	18	80	CEILING SENSOR	2					
1314	Skyline High School	H	1	26	CLASSROOM	10	207	18	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	18	80	CEILING SENSOR	2					
1315	Skyline High School	H	1	EXTERIOR	NORTH		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23							
1316	Skyline High School	H	1	EXTERIOR	NORTH		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23							
1317	Skyline High School	H	1	EXTERIOR	NORTH		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23							
1318	Skyline High School	H	1	EXTERIOR	NORTH		266	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25							
1319	Skyline High School	H	1	EXTERIOR	SOUTH		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23							
1320	Skyline High School	I	1	STAFF	DINING	25	186	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	CEILING SENSOR	1					
1321	Skyline High School	I	1	STAFF	ENTRY	24	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1					
1322	Skyline High School	I	1	STAFF	FOOD LINE	23	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1					
1323	Skyline High School	I	1	KITCHEN	KITCHEN	22	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1					
1324	Skyline High School	I	1	KITCHEN	KITCHEN	21	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1					

Site: OAKLAND USD										14,655		1,874			
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1325	Skyline High School	I	1	KITCHEN	KITCHEN	27	104	19	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	19	30	CEILING SENSOR	2
1326	Skyline High School	I	1	KITCHEN	STORAGE	12	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
1327	Skyline High School	I	1	KITCHEN	STORAGE	9	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
1328	Skyline High School	I	1	KITCHEN	OFFICE	10	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1329	Skyline High School	I	1	KITCHEN	CUSTODIAN	11	183	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1330	Skyline High School	I	1	KITCHEN	BOILER ROOM	8	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1331	Skyline High School	I	1	KITCHEN	FOOD LINE	26	104	20	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	20	30	CEILING SENSOR	1
1332	Skyline High School	I	1	KITCHEN	FOOD LINE	4	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
1333	Skyline High School	I	1	KITCHEN	ENTRY	5 6	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
1334	Skyline High School	I	1	KITCHEN	ENTRY	5 6	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*
1335	Skyline High School	I	1	KITCHEN	STORAGE	14	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1336	Skyline High School	I	1	KITCHEN	ENTRY	2	159	2	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	CEILING SENSOR	1
1337	Skyline High School	I	1	KITCHEN	CUSTODIAN	3	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1338	Skyline High School	I	1	KITCHEN	STORAGE	7	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
1339	Skyline High School	I	1	KITCHEN	LOCKER ROOM	15	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1
1340	Skyline High School	I	1	KITCHEN	RESTROOM	16	173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14	WALL SWITCH SENSOR	1
1341	Skyline High School	I	1	CAFETERIA	STUDENT DINING	1	262	15	376	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSR R16AR GDB16	15	148	CEILING SENSOR	3
1342	Skyline High School	I	1	EXTERIOR	MEN	18 19	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1343	Skyline High School	I	1	EXTERIOR	WOMEN	17	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
1344	Skyline High School	I	1	EXTERIOR	REAR		173	3	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	3	14		
1345	Skyline High School	I	1	EXTERIOR	REAR		173	5	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	5	14		
1346	Skyline High School	I	1	EXTERIOR	SOUTH		266	5	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	5	25		
1347	Skyline High School	I	1	EXTERIOR	EAST		266	1	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
1348	Skyline High School	I	1	EXTERIOR	WEST		266	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25		
1349	Skyline High School	J	1	LIBRARY	BOOK ROOM	6	228	42	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	42	80	CEILING SENSOR	2
1350	Skyline High School	J	1	LIBRARY	LOBBY	7	104	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	WALL SWITCH SENSOR	1
1351	Skyline High School	J	1	LIBRARY	HALL	11	104	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
1352	Skyline High School	J	1	LIBRARY	HALL	8	104	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
1353	Skyline High School	J	1	LIBRARY	RESTROOM	10	173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14	WALL SWITCH SENSOR	1
1354	Skyline High School	J	1	LIBRARY	CUSTODIAN	9	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1355	Skyline High School	J	1	LIBRARY	WORK ROOM	3	104	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
1356	Skyline High School	J	1	LIBRARY	WORK ROOM	4	104	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
1357	Skyline High School	J	1	LIBRARY	OFFICE	5	104	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
1358	Skyline High School	J	1	LIBRARY	LIBRARY	1	177	18	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	18	60	CEILING SENSOR	4
1359	Skyline High School	J	1	LIBRARY	LIBRARY	1	186	33	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	33	30		*
1360	Skyline High School	J	1	LIBRARY	VESTIBULE	22	186	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
1361	Skyline High School	J	1	EXTERIOR	EAST		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
1362	Skyline High School	J	1	EXTERIOR	CANOPY		266	4	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	4	25		
1363	Skyline High School	J	1	EXTERIOR	CANOPY		266	4	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	4	25		
1364	Skyline High School	C	1	COMMON	CORRIDOR	32	250	22	112	existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 L av in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	22	40	CEILING SENSOR	3
1365	Skyline High School	C	1	COMMON	MEN	17	234	1	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	CEILING SENSOR	1
1366	Skyline High School	C	1	COMMON	MEN	17	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20		*
1367	Skyline High School	C	1	COMMON	MEN	16	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
1368	Skyline High School	C	1	COMMON	MEN	16	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20		*
1369	Skyline High School	C	1	STAFF	LOUNGE	15	207	6	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	6	80	CEILING SENSOR	1
1370	Skyline High School	C	1	COMMON	WOMEN	14	234	1	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	CEILING SENSOR	1
1371	Skyline High School	C	1	COMMON	WOMEN	14	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		*
1372	Skyline High School	C	1	COMMON	WOMEN	14	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20		*
1373	Skyline High School	C	1	COMMON	WOMEN	12	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	CEILING SENSOR	1
1374	Skyline High School	C	1	COMMON	WOMEN	12	234	1	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22		*
1375	Skyline High School	C	1	COMMON	OFFICE	11	207	1	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
1376	Skyline High School	C	1	COMMON	STORAGE	13	118	1	200	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 17A21G4DIM/830/R	1	17	WALL SWITCH SENSOR	1
1377	Skyline High School	C	1	COMMON	CUSTODIAN	8 10	183	4	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	WALL SWITCH SENSOR	2

Site: OAKLAND USD						Map ID	Fixture Identification Number	14,655 Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
Line	Site	Bldg	Floor	Suite	Detailed Area Description										
1378	Skyline High School	C	1	3W	CLASSROOM	6	207	12	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80		
1379	Skyline High School	C	1	32	WORK ROOM	5	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	CEILING SENSOR	1
1380	Skyline High School	C	1	34	WORK ROOM	5A	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	CEILING SENSOR	1
1381	Skyline High School	C	1	36	CLASSROOM	4	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1382	Skyline High School	C	1	36	WORK ROOM	3	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1383	Skyline High School	C	1	38	CLASSROOM	1	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1384	Skyline High School	C	1	38	WORK ROOM	2	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1385	Skyline High School	C	1	30	CLASSROOM	31	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80		
1386	Skyline High School	C	1	30	CLASSROOM	31	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	CEILING SENSOR	1
1387	Skyline High School	C	1	30	BOYS	29	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1388	Skyline High School	C	1	30	GIRLS	30	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1389	Skyline High School	C	1	31	WORK ROOM	28	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	CEILING SENSOR	1
1390	Skyline High School	C	1	COPY	WORK ROOM	27	207	4	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	4	80	WALL SWITCH SENSOR	2
1391	Skyline High School	C	1	33	CLASSROOM	25	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1392	Skyline High School	C	1	33	OFFICE	23	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	30	WALL SWITCH SENSOR	1
1393	Skyline High School	C	1	35	CLASSROOM	22	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1394	Skyline High School	C	1	35	OFFICE	24	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1395	Skyline High School	C	1	37	CLASSROOM	21	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1396	Skyline High School	C	1	37	OFFICE	20	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	30	WALL SWITCH SENSOR	1
1397	Skyline High School	C	1	39	CLASSROOM	18	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1398	Skyline High School	C	1	39	OFFICE	19	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1399	Skyline High School	C	1	EXTERIOR	NORTH		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
1400	Skyline High School	C	1	EXTERIOR	SOUTH		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
1401	Skyline High School	C	1	EXTERIOR	SOUTH		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
1402	Skyline High School	B	1	COMMON	CORRIDOR	22	250	22	112	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 Lav in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	22	40	CEILING SENSOR	3
1403	Skyline High School	B	1	2	CLASSROOM	11	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1404	Skyline High School	B	1	1	CLASSROOM	1	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	WALL SWITCH SENSOR	1
1405	Skyline High School	B	1	1	OFFICE	2	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1406	Skyline High School	B	1	COMMON	STORAGE	4	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1407	Skyline High School	B	1	COMMON	STORAGE	5	104	2	59	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1408	Skyline High School	B	1	3	CLASSROOM	6	207	9	112	Retrofit w/ (2) LED lamp and separate driver	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1409	Skyline High School	B	1	3	OFFICE	3	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1410	Skyline High School	B	1	4	CLASSROOM	12	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1411	Skyline High School	B	1	44	WORK ROOM	7	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80		
1412	Skyline High School	B	1	44	CLASSROOM	8	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80		
1413	Skyline High School	B	1	COMMON	GIRLS	13	105	2	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	CEILING SENSOR	1
1414	Skyline High School	B	1	COMMON	CUSTODIAN	15	183	2	18	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	2
1415	Skyline High School	B	1	COMMON	BOYS	18	104	2	59	Retrofit Incandescent fixture with (1) LED A Lamp	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
1416	Skyline High School	B	1	43	CLASSROOM	19	207	15	112	Retrofit w/ (2) LED lamp and separate driver	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80		
1417	Skyline High School	B	1	42	CLASSROOM	9	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80		
1418	Skyline High School	B	1	41	CLASSROOM	21	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80	CEILING SENSOR	1
1419	Skyline High School	B	1	41	WORK ROOM	20	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	CEILING SENSOR	1
1420	Skyline High School	B	1	41	WORK ROOM	20	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80		
1421	Skyline High School	B	1	40	CLASSROOM	21	207	15	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80		
1422	Skyline High School	B	1	EXTERIOR	WEST		163	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
1423	Skyline High School	B	1	EXTERIOR	EAST		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
1424	Skyline High School	B	1	EXTERIOR	EAST		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
1425	Skyline High School	B	1	EXTERIOR	SOUTH ENTRY		266	1	138	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	Green Creative: HID LED 25W 277V E26	1	25		
1426	Skyline High School	D	1	COMMON	CORRIDOR	11	250	6	112	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast existing 4x4 t bar with strips above. Install new 2x4 fixture, tie wires, 4 ft t bar, new 2x4 tile. 1 tile per fixture New LED 2x4 Lav in with ceiling tiles	ALEO LTR-24LE-36/840 XE G3	6	40	CEILING SENSOR	1
1427	Skyline High School	D	1	51	CLASSROOM	1	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1428	Skyline High School	D	1	51	WORK ROOM	2	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1
1429	Skyline High School	D	1	52	CLASSROOM	6	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80		
1430	Skyline High School	D	1	52	WORK ROOM	7	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1

Site: OAKLAND USD															14,655	1,87
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
1431	Skyline High School	D	1	55	CLASSROOM	5	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80			
1432	Skyline High School	D	1	55	WORK ROOM	3	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1	
1433	Skyline High School	D	1	56	CLASSROOM	5	207	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80			
1434	Skyline High School	D	1	56	WORK ROOM	3	182	2	87	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1	
1435	Skyline High School	D	1	53	WORK ROOM	9	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	WALL SWITCH SENSOR	1	
1436	Skyline High School	D	1	54	CUSTODIAN	9	207	3	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	WALL SWITCH SENSOR	1	
1437	Skyline High School	G	1	BOYS LOCKER ROOM	HALL	42	104	11	59	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	3	80	WALL SWITCH SENSOR	1	
1438	Skyline High School	G	1	BOYS LOCKER ROOM	BOYS	32	108	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30	CEILING SENSOR	2	
1439	Skyline High School	G	1	BOYS LOCKER ROOM	OFFICE	40	206	4	112	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	2	
1440	Skyline High School	G	1	BOYS LOCKER ROOM	OFFICE	41	228	2	59	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	4	80	CEILING SENSOR	1	
1441	Skyline High School	G	1	BOYS LOCKER ROOM	RESTROOM	38	195	2	31	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
1442	Skyline High School	G	1	BOYS LOCKER ROOM	RESTROOM	37	105	1	48	Remove Existing Drum Fixture and install (1) New LED Deco Drum Fixture	Enertron: 11LED6X6W17	2	17	WALL SWITCH SENSOR	1	
1443	Skyline High School	G	1	BOYS LOCKER ROOM	STORAGE	39	228	3	59	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1	
1444	Skyline High School	G	1	BOYS LOCKER ROOM	FIRST AID	33	162	2	112	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	3	80	WALL SWITCH SENSOR	1	
1445	Skyline High School	G	1	BOYS LOCKER ROOM	EQUIPMENT	31	104	1	59	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
1446	Skyline High School	G	1	BOYS LOCKER ROOM	CUSTODIAN	30	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
1447	Skyline High School	G	1	BOYS LOCKER ROOM	LOCKER ROOM	35	228	18	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
1448	Skyline High School	G	1	BOYS LOCKER ROOM	SHOWER	28	228	12	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	18	80	CEILING SENSOR	2	
1449	Skyline High School	G	1	BOYS LOCKER ROOM	EQUIPMENT	27	228	4	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	12	80	CEILING SENSOR	1	
1450	Skyline High School	G	1	BOYS LOCKER ROOM	STORAGE	26	228	4	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	4	80	CEILING SENSOR	1	
1451	Skyline High School	G	1	BOYS LOCKER ROOM	HALL	36	159	2	13	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	4	80	WALL SWITCH SENSOR	1	
1452	Skyline High School	G	1	BOYS LOCKER ROOM	HALL	34	159	4	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	CEILING SENSOR	1	
1453	Skyline High School	G	1	BOYS LOCKER ROOM	STORAGE	24	228	4	59	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	CEILING SENSOR	1	
1454	Skyline High School	G	1	BOYS LOCKER ROOM	STORAGE	25	228	2	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	4	80	WALL SWITCH SENSOR	1	
1455	Skyline High School	G	1	BOYS LOCKER ROOM	STORAGE	29	228	4	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
1456	Skyline High School	G	1	GYM	GYMNASIUM	23	263	26	100	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	4	80	WALL SWITCH SENSOR	1	
1457	Skyline High School	G	1	GYM	HALL	20	108	2	59	No Retrofit	0	26	100	CEILING SENSOR	1	
1458	Skyline High School	G	1	GYM	WEIGHTS	21	262	6	376	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1	
1459	Skyline High School	G	1	GYM	WEIGHTS	19	262	2	376	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSR R16AR GDB16	6	148	CEILING SENSOR	2	
1460	Skyline High School	G	1	GYM	DANCE	18	228	27	59	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSR R16AR GDB16	2	148	CEILING SENSOR	1	
1461	Skyline High School	G	1	GIRLS LOCKER ROOM	HALL	22	159	4	13	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	27	80	CEILING SENSOR	2	
1462	Skyline High School	G	1	GIRLS LOCKER ROOM	EQUIPMENT	2	228	2	59	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	CEILING SENSOR	1	
1463	Skyline High School	G	1	GIRLS LOCKER ROOM	EQUIPMENT	4	228	2	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
1464	Skyline High School	G	1	GIRLS LOCKER ROOM	EQUIPMENT	6	228	2	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
1465	Skyline High School	G	1	GIRLS LOCKER ROOM	HALL	3	159	1	13	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80	WALL SWITCH SENSOR	1	
1466	Skyline High School	G	1	GIRLS LOCKER ROOM	LOCKER ROOM	8	228	48	59	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	CEILING SENSOR	1	
1467	Skyline High School	G	1	GIRLS LOCKER ROOM	LOCKER ROOM	1	228	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	48	80			
1468	Skyline High School	G	1	GIRLS LOCKER ROOM	LOCKER ROOM	5	228	2	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80			
1469	Skyline High School	G	1	GIRLS LOCKER ROOM	RESTROOM	7	108	4	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	2	80			
1470	Skyline High School	G	1	GIRLS LOCKER ROOM	FIRST AID	10	228	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30			
1471	Skyline High School	G	1	GIRLS LOCKER ROOM	HALL	17	104	12	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80	CEILING SENSOR	1	
1472	Skyline High School	G	1	GIRLS LOCKER ROOM	CUSTODIAN	11	105	1	48	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	2	
1473	Skyline High School	G	1	GIRLS LOCKER ROOM	EQUIPMENT	12	104	1	59	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1	
1474	Skyline High School	G	1	GIRLS LOCKER ROOM	EQUIPMENT	9	183	1	18	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
1475	Skyline High School	G	1	GIRLS LOCKER ROOM	OFFICE	16	228	9	59	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
1476	Skyline High School	G	1	GIRLS LOCKER ROOM	RESTROOM	14	105	2	48	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	9	80	CEILING SENSOR	1	
1477	Skyline High School	G	1	GIRLS LOCKER ROOM	RESTROOM	13	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	2	20	WALL SWITCH SENSOR	1	
1478	Skyline High School	G	1	GIRLS LOCKER ROOM	RESTROOM	13	114	1	14	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1	
1479	Skyline High School	G	1	GIRLS LOCKER ROOM	EQUIPMENT	15	108	4	59	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9		*	
1480	Skyline High School	G	1	EXTERIOR	SOUTH	173	1	31		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1	
1481	Skyline High School	G	1	EXTERIOR	EAST	173	2	31		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
1482	Skyline High School	G	1	EXTERIOR	EAST	248	2	188		Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	2	14			
1483	Skyline High School	G	1	EXTERIOR	WEST	173	4	31		Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40			
										Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	4	14			

Site: OAKLAND USD						1,877													
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity				
1484	Skyline High School	G	1	EXTERIOR	WEST		159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12						
1485	Skyline High School	G	1	EXTERIOR	SOUTH ENTRY		266	8	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	8	25						
1486	Skyline High School	G	1	EXTERIOR	NORTH ENTRY		266	8	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	8	25						
1487	Skyline High School	G	1	EXTERIOR	WEST WALL		266	2	138	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25						
1488	Skyline High School	P4	1	N	CLASSROOM	P4	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60						
1489	Skyline High School	P4	1	EXTERIOR	DOOR		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9						
1490	Skyline High School	P3	1	M	CLASSROOM	P3	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60						
1491	Skyline High School	P3	1	EXTERIOR	DOOR		141	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14						
1492	Skyline High School	P2	1	T	CLASSROOM	P2	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60						
1493	Skyline High School	P2	1	EXTERIOR	DOOR		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14						
1494	Skyline High School	P1	1	S	CLASSROOM	P1	111	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60						
1495	Skyline High School	P1	1	EXTERIOR	DOOR		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14						
1496	Skyline High School	N	1	EXTERIOR	MEN		144	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	CEILING SENSOR	1				
1497	Skyline High School	N	1	EXTERIOR	WOMEN		144	2	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	CEILING SENSOR	1				
1498	Skyline High School	N	1	EXTERIOR	EQUIPMENT		144	4	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12	CEILING SENSOR	1				
1499	Skyline High School	P	1	EXTERIOR	NO ACCESS		228	12	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	12	80	CEILING SENSOR	1				
1500	Skyline High School	P	1	EXTERIOR	NO ACCESS		228	12	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	12	80	CEILING SENSOR	1				
1501	Skyline High School	QUAD	1	EXTERIOR	COVERED WALKWAYS		153	85	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	85	15						
1502	Skyline High School	QUAD	1	EXTERIOR	OPEN WALKWAYS		264	9	95	Remove Existing pole top Fixture and install (1) New LED Pole top Fixture	AEL: Contempo 245L 20LED70-MVOLT1-4K-R5-RNA-NR-SD	9	44						
1503	Skyline High School	QUAD	1	EXTERIOR	OPEN WALKWAYS		265	3	295	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED78TN/PCT	3	77						
1504	Skyline High School	QUAD	1	EXTERIOR	PARKING LOT		267	2	295	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED125SFN/PCT	2	133						
1505	Skyline High School	QUAD	1	EXTERIOR	PARKING LOT		267	2	295	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED125SFN/PCT	2	133						
1506	Skyline High School	QUAD	1	EXTERIOR	PARKING LOT		267	2	295	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED125SFN/PCT	2	133						
1507	Skyline High School	QUAD	1	EXTERIOR	DRIVEWAY		267	2	295	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED125SFN/PCT	2	133						
1508	Skyline High School	QUAD	1	EXTERIOR	DRIVEWAY		267	2	295	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED125SFN/PCT	2	133						
1509	Skyline High School	QUAD	1	EXTERIOR	ATHLETIC FIELD		268	12	1080	No Retrofit	0	12	1080						
1510	Skyline High School	QUAD	1	EXTERIOR	ATHLETIC FIELD		268	12	1080	No Retrofit	0	12	1080						
1511	Skyline High School	QUAD	1	EXTERIOR	ATHLETIC FIELD		268	12	1080	No Retrofit	0	12	1080						
1512	Skyline High School	QUAD	1	EXTERIOR	ATHLETIC FIELD		268	12	1080	No Retrofit	0	12	1080						
1513	Skyline High School	QUAD	1	EXTERIOR	ATHLETIC FIELD		248	1	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40						
1514	Skyline High School	QUAD	1	EXTERIOR	ATHLETIC FIELD		116	6	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	6	25						
1515	Jefferson Elementary School (Global Family School)	A	1	OFFICE	RECEPTION	23	201	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90	CEILING SENSOR	1				
1516	Jefferson Elementary School (Global Family School)	A	1	OFFICE	OFFICE	21	201	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90	CEILING SENSOR	1				
1517	Jefferson Elementary School (Global Family School)	A	1	OFFICE	PRINCIPAL	22	201	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90	CEILING SENSOR	1				
1518	Jefferson Elementary School (Global Family School)	A	1	OFFICE	SUPPLIES	26	202	3	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60	CEILING SENSOR	1				
1519	Jefferson Elementary School (Global Family School)	A	1	OFFICE	DATA	25	203	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1				
1520	Jefferson Elementary School (Global Family School)	A	1	COMMON	CORRIDOR	20	101	7	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30	CEILING SENSOR	1				
1521	Jefferson Elementary School (Global Family School)	A	1	STAFF	LUNCH ROOM	18	201	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90	CEILING SENSOR	1				
1522	Jefferson Elementary School (Global Family School)	A	1	KITCHEN	KITCHEN	17	101	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	2				
1523	Jefferson Elementary School (Global Family School)	A	1	KITCHEN	HALL	16	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1				
1524	Jefferson Elementary School (Global Family School)	A	1	KITCHEN	EXTERIOR DOOR	16	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1				
1525	Jefferson Elementary School (Global Family School)	A	1	KITCHEN	RESTROOM	15	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1				
1526	Jefferson Elementary School (Global Family School)	A	1	KITCHEN	OFFICE	10	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1				
1527	Jefferson Elementary School (Global Family School)	A	1	KITCHEN	CUSTODIAN	10B	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1				
1528	Jefferson Elementary School (Global Family School)	A	1	AUDITORIUM	AUDITORIUM	9	280	12	458	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOS R16AR GDBI6	12	148	CEILING SENSOR	2				
1529	Jefferson Elementary School (Global Family School)	A	1	AUDITORIUM	AUDITORIUM	9	153	6	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	15		*				
1530	Jefferson Elementary School (Global Family School)	A	1	AUDITORIUM	STAGE	9	162	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60						
1531	Jefferson Elementary School (Global Family School)	A	1	AUDITORIUM	STORAGE	11	162	1	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1				
1532	Jefferson Elementary School (Global Family School)	A	1	AUDITORIUM	HALL	14	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1				
1533	Jefferson Elementary School (Global Family School)	A	1	AUDITORIUM	OFFICE	13	201	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90	CEILING SENSOR	1				
1534	Jefferson Elementary School (Global Family School)	A	1	OFFICE	PROJECT COORDINATOR	27	202	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1				
1535	Jefferson Elementary School (Global Family School)	A	1	OFFICE	PROJECT COORDINATOR	28	202	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1				
1536	Jefferson Elementary School (Global Family School)	A	1	COMMON	WOMEN	29	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1				

Site: OAKLAND USD						14,658				1,877					
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1537	Jefferson Elementary School (Global Family School)	A	1	COMMON	WOMEN	31	108	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1538	Jefferson Elementary School (Global Family School)	A	1	COMMON	MEN	30	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1539	Jefferson Elementary School (Global Family School)	A	1	COMMON	CUSTODIAN	19	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1540	Jefferson Elementary School (Global Family School)	A	1	COMMON	MEN	55B	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1541	Jefferson Elementary School (Global Family School)	A	1	COMMON	WOMEN	55A	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1542	Jefferson Elementary School (Global Family School)	A	1	COMMON	STORAGE	33B	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1543	Jefferson Elementary School (Global Family School)	A	1	COMMON	SPEECH	33A	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1544	Jefferson Elementary School (Global Family School)	A	1	COMMON	STORAGE	34B	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1545	Jefferson Elementary School (Global Family School)	A	1	COMMON	STORAGE	34	183	1	18	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1546	Jefferson Elementary School (Global Family School)	A	1	2	CLASSROOM	35	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1547	Jefferson Elementary School (Global Family School)	A	1	2	CLASSROOM	35	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1548	Jefferson Elementary School (Global Family School)	A	1	3	CLASSROOM	36	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1549	Jefferson Elementary School (Global Family School)	A	1	3	CLASSROOM	36	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1550	Jefferson Elementary School (Global Family School)	A	1	4	CLASSROOM	37	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1551	Jefferson Elementary School (Global Family School)	A	1	4	CLASSROOM	37	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1552	Jefferson Elementary School (Global Family School)	A	1	5	CLASSROOM	39	215	7	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	7	135	CEILING SENSOR	1
1553	Jefferson Elementary School (Global Family School)	A	1	5	RESTROOM	41	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1554	Jefferson Elementary School (Global Family School)	A	1	6	CLASSROOM	43	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1555	Jefferson Elementary School (Global Family School)	A	1	6	CLASSROOM	43	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1556	Jefferson Elementary School (Global Family School)	A	1	8	CLASSROOM	46	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1557	Jefferson Elementary School (Global Family School)	A	1	8	CLASSROOM	46	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1558	Jefferson Elementary School (Global Family School)	A	1	10	CLASSROOM	48	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1559	Jefferson Elementary School (Global Family School)	A	1	10	CLASSROOM	48	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1560	Jefferson Elementary School (Global Family School)	A	1	12	CLASSROOM	50	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1561	Jefferson Elementary School (Global Family School)	A	1	12	CLASSROOM	50	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1562	Jefferson Elementary School (Global Family School)	A	1	COMMON	BOYS	54	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
1563	Jefferson Elementary School (Global Family School)	A	1	COMMON	DATA	53	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1564	Jefferson Elementary School (Global Family School)	A	1	COMMON	GIRLS	51	101	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
1565	Jefferson Elementary School (Global Family School)	A	1	COMMON	CORRIDOR	52	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	2
1566	Jefferson Elementary School (Global Family School)	A	1	13	CLASSROOM	49	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1567	Jefferson Elementary School (Global Family School)	A	1	13	CLASSROOM	49	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1568	Jefferson Elementary School (Global Family School)	A	1	11	CLASSROOM	47	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1569	Jefferson Elementary School (Global Family School)	A	1	11	CLASSROOM	47	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1570	Jefferson Elementary School (Global Family School)	A	1	9	CLASSROOM	44	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1571	Jefferson Elementary School (Global Family School)	A	1	9	CLASSROOM	44	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1572	Jefferson Elementary School (Global Family School)	A	1	7	CLASSROOM	42	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1573	Jefferson Elementary School (Global Family School)	A	1	7	CLASSROOM	42	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1574	Jefferson Elementary School (Global Family School)	A	1	COMMON	CORRIDOR	45	104	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	3
1575	Jefferson Elementary School (Global Family School)	A	1	COMMON	CORRIDOR	38	104	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	2
1576	Jefferson Elementary School (Global Family School)	A	1	COMMON	CORRIDOR	6	104	11	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30	CEILING SENSOR	3
1577	Jefferson Elementary School (Global Family School)	A	1	1	CLASSROOM	8	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1578	Jefferson Elementary School (Global Family School)	A	1	1	CLASSROOM	8	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1579	Jefferson Elementary School (Global Family School)	A	1	LIBRARY	LIBRARY	7	215	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135	CEILING SENSOR	1
1580	Jefferson Elementary School (Global Family School)	A	1	LIBRARY	LIBRARY	7	209	3	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	90		*
1581	Jefferson Elementary School (Global Family School)	A	1	COMMON	WORK ROOM	5	101	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
1582	Jefferson Elementary School (Global Family School)	A	1	COMMON	WORK ROOM	5	202	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60		*
1583	Jefferson Elementary School (Global Family School)	A	1	COMMON	CUSTODIAN	3	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1584	Jefferson Elementary School (Global Family School)	A	1	COMMON	BOILER	2	104	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1585	Jefferson Elementary School (Global Family School)	A	1	COMMON	BOILER	2	144	2	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12		
1586	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	STREET SIDE		163	2	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		
1587	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	DRIVEWAY		252	1	138	Remove Existing Floodlight and install (1) New Floodlight	RAB: FFLED26N	1	29		
1588	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	JUNGLE GYM		252	1	138	Remove Existing Floodlight and install (1) New Floodlight	RAB: FFLED26N	1	29		
1589	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	STREET ENTRY		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		

Site: OAKLAND USD														14,655			1,876
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity		
1590	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	WALKWAY		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
1591	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	BASKETBALL SIDE		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23				
1592	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	BASKETBALL SIDE		248	1	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40				
1593	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	BASKETBALL SIDE		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23				
1594	Jefferson Elementary School (Global Family School)	A	1	EXTERIOR	RAMP		163	1	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23				
1595	Jefferson Elementary School (Global Family School)	D	1	48	CLASSROOM	6	283	14	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	14	80	CEILING SENSOR	1		
1596	Jefferson Elementary School (Global Family School)	D	1	48	CLASSROOM	6	284	6	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80		*		
1597	Jefferson Elementary School (Global Family School)	D	1	48	CLASSROOM	6	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*		
1598	Jefferson Elementary School (Global Family School)	D	1	48	CLASSROOM	6	285	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30		*		
1599	Jefferson Elementary School (Global Family School)	D	1	47	CLASSROOM	5	283	15	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80	CEILING SENSOR	1		
1600	Jefferson Elementary School (Global Family School)	D	1	47	CLASSROOM	5	284	6	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80		*		
1601	Jefferson Elementary School (Global Family School)	D	1	47	CLASSROOM	5	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*		
1602	Jefferson Elementary School (Global Family School)	D	1	47	CLASSROOM	5	285	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30		*		
1603	Jefferson Elementary School (Global Family School)	D	1	46	CLASSROOM	4	283	16	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	16	80	CEILING SENSOR	1		
1604	Jefferson Elementary School (Global Family School)	D	1	46	CLASSROOM	4	284	6	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80		*		
1605	Jefferson Elementary School (Global Family School)	D	1	46	CLASSROOM	4	159	5	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	5	12		*		
1606	Jefferson Elementary School (Global Family School)	D	1	45	CLASSROOM	3	283	16	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	16	80	CEILING SENSOR	1		
1607	Jefferson Elementary School (Global Family School)	D	1	45	CLASSROOM	3	284	6	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80		*		
1608	Jefferson Elementary School (Global Family School)	D	1	45	CLASSROOM	3	159	5	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	5	12		*		
1609	Jefferson Elementary School (Global Family School)	D	1	44	CLASSROOM	2	283	15	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	15	80	CEILING SENSOR	1		
1610	Jefferson Elementary School (Global Family School)	D	1	44	CLASSROOM	2	284	6	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80		*		
1611	Jefferson Elementary School (Global Family School)	D	1	44	CLASSROOM	2	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*		
1612	Jefferson Elementary School (Global Family School)	D	1	44	CLASSROOM	2	285	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30		*		
1613	Jefferson Elementary School (Global Family School)	D	1	43	CLASSROOM	1	283	8	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	8	80	CEILING SENSOR	2		
1614	Jefferson Elementary School (Global Family School)	D	1	43	CLASSROOM	1	284	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80		*		
1615	Jefferson Elementary School (Global Family School)	D	1	43	CLASSROOM	1	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*		
1616	Jefferson Elementary School (Global Family School)	D	1	43	CLASSROOM	1	285	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30		*		
1617	Jefferson Elementary School (Global Family School)	D	1	43	OFFICE	1A	162	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1		
1618	Jefferson Elementary School (Global Family School)	E	1	42	CLASSROOM	4	283	14	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	14	80	CEILING SENSOR	2		
1619	Jefferson Elementary School (Global Family School)	E	1	42	CLASSROOM	4	284	6	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80		*		
1620	Jefferson Elementary School (Global Family School)	E	1	42	CLASSROOM	4	285	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30		*		
1621	Jefferson Elementary School (Global Family School)	E	1	41	CLASSROOM	5	283	14	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	14	80	CEILING SENSOR	2		
1622	Jefferson Elementary School (Global Family School)	E	1	41	CLASSROOM	5	284	6	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	6	80		*		
1623	Jefferson Elementary School (Global Family School)	E	1	41	CLASSROOM	5	285	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30		*		
1624	Jefferson Elementary School (Global Family School)	E	1	STAFF	MEN	6	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1625	Jefferson Elementary School (Global Family School)	E	1	STAFF	CUSTODIAN	7	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1		
1626	Jefferson Elementary School (Global Family School)	E	1	STAFF	GIRLS	8	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1		
1627	Jefferson Elementary School (Global Family School)	E	1	STAFF	GIRLS	8	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20		*		
1628	Jefferson Elementary School (Global Family School)	E	1	STAFF	WOMEN	6	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1629	Jefferson Elementary School (Global Family School)	E	1	STAFF	CUSTODIAN	7	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1		
1630	Jefferson Elementary School (Global Family School)	E	1	STAFF	BOYS	8	101	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1		
1631	Jefferson Elementary School (Global Family School)	E	1	STAFF	BOYS	8	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20		*		
1632	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	WALKWAY		248	1	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40				
1633	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	WALKWAY		116	2	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	2	25				
1634	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	SOUTH		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
1635	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	WEST		248	1	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40				
1636	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	NORTH		116	3	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	3	25				
1637	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	NORTH		286	1	48	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED10NFFRW	1	14				
1638	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	NORTH		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9				
1639	Jefferson Elementary School (Global Family School)	DE	1	EXTERIOR	INNER WALKWAY		114	20	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	20	9				
1640	Jefferson Elementary School (Global Family School)	F	1	EXTERIOR	GIRLS	3	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1641	Jefferson Elementary School (Global Family School)	F	1	EXTERIOR	BOYS	12	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1		
1642	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	GIRLS	1	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1		

Site: OAKLAND USD															1,874
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1643	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	GIRLS	1	105	3	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	3	20		*
1644	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	CUSTODIAN	2	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1645	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	BOYS	3	108	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
1646	Jefferson Elementary School (Global Family School)	B	1	21	CLASSROOM	4	283	17	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	17	80	CEILING SENSOR	1
1647	Jefferson Elementary School (Global Family School)	B	1	21	CLASSROOM	4	284	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80		*
1648	Jefferson Elementary School (Global Family School)	B	1	21	CLASSROOM	4	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*
1649	Jefferson Elementary School (Global Family School)	B	1	22	CLASSROOM	5	283	17	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	17	80	CEILING SENSOR	1
1650	Jefferson Elementary School (Global Family School)	B	1	22	CLASSROOM	5	284	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80		*
1651	Jefferson Elementary School (Global Family School)	B	1	23	CLASSROOM	6	283	17	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	17	80	CEILING SENSOR	1
1652	Jefferson Elementary School (Global Family School)	B	1	23	CLASSROOM	6	284	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80		*
1653	Jefferson Elementary School (Global Family School)	B	1	24	CLASSROOM	7	283	17	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	17	80	CEILING SENSOR	1
1654	Jefferson Elementary School (Global Family School)	B	1	24	CLASSROOM	7	284	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80		*
1655	Jefferson Elementary School (Global Family School)	B	1	25	CLASSROOM	8	283	13	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	13	80	CEILING SENSOR	1
1656	Jefferson Elementary School (Global Family School)	B	1	25	CLASSROOM	8	284	5	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	5	80		*
1657	Jefferson Elementary School (Global Family School)	B	1	25	CLASSROOM	8	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		*
1658	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	STREET ENTRY		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9		
1659	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	NORTH		120	1	138	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30		
1660	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	PLAY GROUND		114	1	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9		
1661	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	WALKWAY		286	9	48	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED10NFFRW	9	14		
1662	Jefferson Elementary School (Global Family School)	B	1	EXTERIOR	STREET SIDE		114	5	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	5	9		
1663	Jefferson Elementary School (Global Family School)	C	1	31	CLASSROOM	2	283	12	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80	CEILING SENSOR	2
1664	Jefferson Elementary School (Global Family School)	C	1	31	CLASSROOM	2	284	7	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	7	80		*
1665	Jefferson Elementary School (Global Family School)	C	1	31	RESTROOM	3C	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1666	Jefferson Elementary School (Global Family School)	C	1	31	SINK	3A	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1667	Jefferson Elementary School (Global Family School)	C	1	31	WORK ROOM	4	283	2	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	2	80	CEILING SENSOR	1
1668	Jefferson Elementary School (Global Family School)	C	1	31	CUSTODIAN	3B	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1669	Jefferson Elementary School (Global Family School)	C	1	31	RESTROOM	3C	105	1	48	Remove Existing Drum Fixture and install (1) New LED Drum Fixture	RAB: SK16XL20RN	1	20	WALL SWITCH SENSOR	1
1670	Jefferson Elementary School (Global Family School)	C	1	31	TEACHER	3D	159	1	13	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1671	Jefferson Elementary School (Global Family School)	C	1	32	CLASSROOM	5	283	12	112	Remove Existing 8 Foot fixture and install new 8 foot Fixture	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	12	80	CEILING SENSOR	2
1672	Jefferson Elementary School (Global Family School)	C	1	32	CLASSROOM	5	284	7	59	Remove Existing 4 Foot fixture and install new 4 foot Fixture	Eaton 4WSL-LD2-80-SPC-UPL8-UNV	7	80		*
1673	Jefferson Elementary School (Global Family School)	C	1	32	RESTROOM	3C	101	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1674	Jefferson Elementary School (Global Family School)	C	1	32	SINK	3E	104	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
1675	Jefferson Elementary School (Global Family School)	C	1	EXTERIOR	EQUIPMENT	1	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1676	Jefferson Elementary School (Global Family School)	C	1	EXTERIOR	EQUIPMENT	6	158	1	70	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1677	Jefferson Elementary School (Global Family School)	C	1	EXTERIOR	WALKWAY		286	8	48	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED10NFFRW	8	14		
1678	Jefferson Elementary School (Global Family School)	C	1	EXTERIOR	JUNGLE GYM		173	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14		
1679	Jefferson Elementary School (Global Family School)	C	1	EXTERIOR	NORTH		114	2	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9		
1680	Jefferson Elementary School (Global Family School)	C	1	EXTERIOR	WEST		114	2	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9		
1681	Jefferson Elementary School (Global Family School)	C	1	EXTERIOR	SOUTH		114	3	14	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	3	9		
1682	WEST OAKLAND MIDDLE	E	1	COMMON	CORRIDOR		301	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	4
1683	WEST OAKLAND MIDDLE	E	1	102	CUSTODIAN		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
1684	WEST OAKLAND MIDDLE	E	1	103	DATA		301	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	WALL SWITCH SENSOR	1
1685	WEST OAKLAND MIDDLE	E	1	104	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1686	WEST OAKLAND MIDDLE	E	1	104	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1687	WEST OAKLAND MIDDLE	E	1	104	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1688	WEST OAKLAND MIDDLE	E	1	104	106 STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1689	WEST OAKLAND MIDDLE	E	1	107	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1690	WEST OAKLAND MIDDLE	E	1	107	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1691	WEST OAKLAND MIDDLE	E	1	107	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1692	WEST OAKLAND MIDDLE	E	1	107	105 STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1693	WEST OAKLAND MIDDLE	E	1	111	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1694	WEST OAKLAND MIDDLE	E	1	111	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1695	WEST OAKLAND MIDDLE	E	1	111	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		

Site: OAKLAND USD														1,870	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1696	WEST OAKLAND MIDDLE	E	1	112	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1697	WEST OAKLAND MIDDLE	E	1	112	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1698	WEST OAKLAND MIDDLE	E	1	112	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1699	WEST OAKLAND MIDDLE	E	1	113	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1700	WEST OAKLAND MIDDLE	E	1	113	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1701	WEST OAKLAND MIDDLE	E	1	113	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1702	WEST OAKLAND MIDDLE	E	1	114	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1703	WEST OAKLAND MIDDLE	E	1	114	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1704	WEST OAKLAND MIDDLE	E	1	114	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1705	WEST OAKLAND MIDDLE	E	1	115	WAITING		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1706	WEST OAKLAND MIDDLE	E	1	115	115B OFFICE		305	3	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60		
1707	WEST OAKLAND MIDDLE	E	1	115	115A OFFICE		305	2	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60		
1708	WEST OAKLAND MIDDLE	E	1	115	115A OFFICE		306	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1709	WEST OAKLAND MIDDLE	E	1	116	116B CONFERENCE ROIM		305	2	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60		
1710	WEST OAKLAND MIDDLE	E	1	116	OFFICE RECEPTION		307	9	59	Retrofit T-5 Fixture w/ (2) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	9	36		
1711	WEST OAKLAND MIDDLE	E	1	116	115B WORKROOM		305	2	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60		
1712	WEST OAKLAND MIDDLE	E	1 2	COMMON	STAIRS		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1713	WEST OAKLAND MIDDLE	E	2	COMMON	CORRIDOR		301	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30	CEILING SENSOR	4
1714	WEST OAKLAND MIDDLE	E	1 2	COMMON	STAIRS		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1715	WEST OAKLAND MIDDLE	E	2	202	HALLWAY		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
1716	WEST OAKLAND MIDDLE	E	2	204	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1717	WEST OAKLAND MIDDLE	E	2	203	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1718	WEST OAKLAND MIDDLE	E	2	205	CLASSROOM		302	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
1719	WEST OAKLAND MIDDLE	E	2	205	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1720	WEST OAKLAND MIDDLE	E	2	205	208 STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1721	WEST OAKLAND MIDDLE	E	2	206	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1722	WEST OAKLAND MIDDLE	E	2	206	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1723	WEST OAKLAND MIDDLE	E	2	206	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1724	WEST OAKLAND MIDDLE	E	2	206	207 STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1725	WEST OAKLAND MIDDLE	E	2	COMMON	BOYS		301	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
1726	WEST OAKLAND MIDDLE	E	2	210	CUSTODIAN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1727	WEST OAKLAND MIDDLE	E	2	211	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1728	WEST OAKLAND MIDDLE	E	2	211	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1729	WEST OAKLAND MIDDLE	E	2	211	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1730	WEST OAKLAND MIDDLE	E	2	212	STORAGE		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
1731	WEST OAKLAND MIDDLE	E	2	213	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1732	WEST OAKLAND MIDDLE	E	2	213	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1733	WEST OAKLAND MIDDLE	E	2	213	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1734	WEST OAKLAND MIDDLE	E	2	214	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1735	WEST OAKLAND MIDDLE	E	2	214	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1736	WEST OAKLAND MIDDLE	E	2	214	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1737	WEST OAKLAND MIDDLE	E	2	215	CLASSROOM		302	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
1738	WEST OAKLAND MIDDLE	E	2	215	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1739	WEST OAKLAND MIDDLE	E	2	215	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1740	WEST OAKLAND MIDDLE	E	2	216	PREP		302	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
1741	WEST OAKLAND MIDDLE	E	2	217	CLASSROOM		302	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
1742	WEST OAKLAND MIDDLE	E	2	217	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1743	WEST OAKLAND MIDDLE	E	2	217	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1744	WEST OAKLAND MIDDLE	E F	2	201	SKYBRIDGE		308	11	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30		
1745	WEST OAKLAND MIDDLE	E	1	EXTERIOR	ATTACHED		342	4	465	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED150TN	4	154		
1746	WEST OAKLAND MIDDLE	E	1	EXTERIOR	ATTACHED		344	4	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	4	25		
1747	WEST OAKLAND MIDDLE	E	1	EXTERIOR	ATTACHED		340	2	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40		
1748	WEST OAKLAND MIDDLE	F	2	COMMON	CORRIDOR		301	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30	CEILING SENSOR	4

Site: OAKLAND USD						14,655										1,870	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity		
1749	WEST OAKLAND MIDDLE	F	12	COMMON	STAIRS		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
1750	WEST OAKLAND MIDDLE	F	12	COMMON	STAIRS		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
1751	WEST OAKLAND MIDDLE	F	2	213	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1752	WEST OAKLAND MIDDLE	F	2	213	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1753	WEST OAKLAND MIDDLE	F	2	212	CLASSROOM		303	4	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	135				
1754	WEST OAKLAND MIDDLE	F	2	212	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1755	WEST OAKLAND MIDDLE	F	2	211	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1756	WEST OAKLAND MIDDLE	F	2	211	CLASSROOM		302	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90				
1757	WEST OAKLAND MIDDLE	F	2	211	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1758	WEST OAKLAND MIDDLE	F	2	210	CLASSROOM		303	4	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	135				
1759	WEST OAKLAND MIDDLE	F	2	210	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1760	WEST OAKLAND MIDDLE	F	2	209	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1761	WEST OAKLAND MIDDLE	F	2	209	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1762	WEST OAKLAND MIDDLE	F	2	209	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1763	WEST OAKLAND MIDDLE	F	2	208	RESTROOM		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30				
1764	WEST OAKLAND MIDDLE	F	2	207	CUSTODIAN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1765	WEST OAKLAND MIDDLE	F	2	205	GIRLS		301	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30				
1766	WEST OAKLAND MIDDLE	F	2	206	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1767	WEST OAKLAND MIDDLE	F	2	206	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1768	WEST OAKLAND MIDDLE	F	2	206	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1769	WEST OAKLAND MIDDLE	F	2	204	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1770	WEST OAKLAND MIDDLE	F	2	204	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1771	WEST OAKLAND MIDDLE	F	2	203	CLASSROOM		303	4	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	135				
1772	WEST OAKLAND MIDDLE	F	2	203	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1773	WEST OAKLAND MIDDLE	F	2	202	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1774	WEST OAKLAND MIDDLE	F	2	202	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1775	WEST OAKLAND MIDDLE	F	2	202	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1776	WEST OAKLAND MIDDLE	F	1	COMMON	CORRIDOR		301	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	4		
1777	WEST OAKLAND MIDDLE	F	1	119	STAFF		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
1778	WEST OAKLAND MIDDLE	F	1	120	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1779	WEST OAKLAND MIDDLE	F	1	118	ELCTRICAL		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1		
1780	WEST OAKLAND MIDDLE	F	1	117	CLASSROOM		302	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90				
1781	WEST OAKLAND MIDDLE	F	1	117	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1782	WEST OAKLAND MIDDLE	F	1	117	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1783	WEST OAKLAND MIDDLE	F	1	116	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1784	WEST OAKLAND MIDDLE	F	1	116	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1785	WEST OAKLAND MIDDLE	F	1	116	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1786	WEST OAKLAND MIDDLE	F	1	115	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1787	WEST OAKLAND MIDDLE	F	1	115	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1788	WEST OAKLAND MIDDLE	F	1	115	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1789	WEST OAKLAND MIDDLE	F	1	115	114 STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1790	WEST OAKLAND MIDDLE	F	1	112	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1791	WEST OAKLAND MIDDLE	F	1	112	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1792	WEST OAKLAND MIDDLE	F	1	112	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1793	WEST OAKLAND MIDDLE	F	1	112	113 STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30				
1794	WEST OAKLAND MIDDLE	F	1	111	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1795	WEST OAKLAND MIDDLE	F	1	111	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				
1796	WEST OAKLAND MIDDLE	F	1	111	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18				
1797	WEST OAKLAND MIDDLE	F	1	COMMON	HALLWAY		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30				
1798	WEST OAKLAND MIDDLE	F	1	107	BOYS		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30				
1799	WEST OAKLAND MIDDLE	F	1	108	CUSTODIAN		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
1800	WEST OAKLAND MIDDLE	F	1	106	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90				
1801	WEST OAKLAND MIDDLE	F	1	106	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135				

Site: OAKLAND USD														1,874	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1802	WEST OAKLAND MIDDLE	F	1	106	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1803	WEST OAKLAND MIDDLE	F	1	105	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1804	WEST OAKLAND MIDDLE	F	1	105	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1805	WEST OAKLAND MIDDLE	F	1	105	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1806	WEST OAKLAND MIDDLE	F	1	104	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1807	WEST OAKLAND MIDDLE	F	1	104	CLASSROOM		304	3	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	3	18		
1808	WEST OAKLAND MIDDLE	F	1	103	CUSTODIAN		301	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
1809	WEST OAKLAND MIDDLE	F	1	EXTERIOR	ATTACHED		342	4	465	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED150TN	4	154		
1810	WEST OAKLAND MIDDLE	F	1	EXTERIOR	ATTACHED		344	5	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	5	25		
1811	WEST OAKLAND MIDDLE	F	1	EXTERIOR	ATTACHED		340	2	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40		
1812	WEST OAKLAND MIDDLE	A	1	COMMON	HALLWAY		308	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30	CEILING SENSOR	4
1813	WEST OAKLAND MIDDLE	A	1	102	STORAGE		309	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15	CEILING SENSOR	1
1814	WEST OAKLAND MIDDLE	A	1	102	DATA		309	6	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	15	CEILING SENSOR	1
1815	WEST OAKLAND MIDDLE	A	1	104	RESTROOM		309	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
1816	WEST OAKLAND MIDDLE	A	1	108	OFFICE		305	2	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60		
1817	WEST OAKLAND MIDDLE	A	1	108	OFFICE		306	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1818	WEST OAKLAND MIDDLE	A	1	107	OFFICE		305	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60		
1819	WEST OAKLAND MIDDLE	A	1	109	OFFICE		305	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60		
1820	WEST OAKLAND MIDDLE	A	1	106	OFFICE		305	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60		
1821	WEST OAKLAND MIDDLE	A	1	105	RECEPTION		305	3	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60		
1822	WEST OAKLAND MIDDLE	A	1	105	RECEPTION		306	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1823	WEST OAKLAND MIDDLE	A	1	110	WORKROOM		305	3	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60		
1824	WEST OAKLAND MIDDLE	A	1	111	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1825	WEST OAKLAND MIDDLE	A	1	111	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1826	WEST OAKLAND MIDDLE	A	1	115	CLASSROOM		303	4	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	135		
1827	WEST OAKLAND MIDDLE	A	1	120	CLASSROOM		303	6	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	135		
1828	WEST OAKLAND MIDDLE	A	1	120	CLASSROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1829	WEST OAKLAND MIDDLE	A	1	120	CLASSROOM		310	1	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	1	54		
1830	WEST OAKLAND MIDDLE	A	1	122	CUSTODIAN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1831	WEST OAKLAND MIDDLE	A	1	123	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1832	WEST OAKLAND MIDDLE	A	1	124	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1833	WEST OAKLAND MIDDLE	A	1	125	CLASSROOM		303	6	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	135		
1834	WEST OAKLAND MIDDLE	A	1	125	CLASSROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1835	WEST OAKLAND MIDDLE	A	1	125	CLASSROOM		310	1	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	1	54		
1836	WEST OAKLAND MIDDLE	A	1	127	CUBBYS		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1837	WEST OAKLAND MIDDLE	A	1	126	CLASSROOM		303	6	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	135		
1838	WEST OAKLAND MIDDLE	A	1	126	CLASSROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1839	WEST OAKLAND MIDDLE	A	1	126	CLASSROOM		310	1	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	1	54		
1840	WEST OAKLAND MIDDLE	A	1	EXTERIOR	ATTACHED		346	10	47	Enertron LED Retrofit Kit with Battery in Existing CFL Fixture	Enertron: LEDRET4X6-BB	10	17		
1841	WEST OAKLAND MIDDLE	A	1	EXTERIOR	ATTACHED		340	3	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	3	40		
1842	WEST OAKLAND MIDDLE	B	1	103	BOOKROOM		308	20	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	20	30		
1843	WEST OAKLAND MIDDLE	B	1	103	LIBRARY		311	18	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	18	60		
1844	WEST OAKLAND MIDDLE	B	1	103	104 OFFICE		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
1845	WEST OAKLAND MIDDLE	B	1	103	102 CONFERNCE		311	2	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60		
1846	WEST OAKLAND MIDDLE	B	1	EXTERIOR	ATTACHED		346	4	47	Enertron LED Retrofit Kit with Battery in Existing CFL Fixture	Enertron: LEDRET4X6-BB	4	17		
1847	WEST OAKLAND MIDDLE	C/D	1	COMMON	LOBBY		301	11	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30	CEILING SENSOR	2
1848	WEST OAKLAND MIDDLE	C/D	1	COMMON	HALLWAY		301	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	4
1849	WEST OAKLAND MIDDLE	C/D	1	129	GIRLS		301	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
1850	WEST OAKLAND MIDDLE	C/D	1	129	STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1851	WEST OAKLAND MIDDLE	C/D	1	130	BOYS		301	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
1852	WEST OAKLAND MIDDLE	C/D	1	131	STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1853	WEST OAKLAND MIDDLE	C/D	1	141	GYMNASIUM		312	24	296	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSR R16AR GDB16	24	148	CEILING SENSOR	4
1854	WEST OAKLAND MIDDLE	C/D	1	141	GIRLS HALLWAY		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1

Site: OAKLAND USD						14,655		1,870							
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
1855	WEST OAKLAND MIDDLE	C/D	1	141	GIRLS HALLWAY		313	2	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		CONTINUE
1856	WEST OAKLAND MIDDLE	C/D	1	139	GIRLS COACHING		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
1857	WEST OAKLAND MIDDLE	C/D	1	136	STORAGE		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1858	WEST OAKLAND MIDDLE	C/D	1	138	PRIVATE		313	1	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1
1859	WEST OAKLAND MIDDLE	C/D	1	138	PRIVATE		313	1	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1
1860	WEST OAKLAND MIDDLE	C/D	1	155	GIRLS LOCKER		313	14	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	14	23	CEILING SENSOR	2
1861	WEST OAKLAND MIDDLE	C/D	1	155	CUSTODIAN		313	1	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1
1862	WEST OAKLAND MIDDLE	C/D	1	150	BOYS LOCKERS		314	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
1863	WEST OAKLAND MIDDLE	C/D	1	150	BOYS LOCKERS		313	3	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		CONTINUE
1864	WEST OAKLAND MIDDLE	C/D	1	150	BOYS LOCKERS		314	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
1865	WEST OAKLAND MIDDLE	C/D	1	150	BOYS LOCKERS		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		CONTINUE
1866	WEST OAKLAND MIDDLE	C/D	1	145	CUSTODIAN		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
1867	WEST OAKLAND MIDDLE	C/D	1	148	STORAGE		313	1	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1
1868	WEST OAKLAND MIDDLE	C/D	1	150	BOYS LOCKERS		313	1	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	CEILING SENSOR	1
1869	WEST OAKLAND MIDDLE	C/D	1	150	BOYS LOCKERS		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		CONTINUE
1870	WEST OAKLAND MIDDLE	C/D	1	151	COACHING		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
1871	WEST OAKLAND MIDDLE	C/D	1	151	LOBBY		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
1872	WEST OAKLAND MIDDLE	C/D	1	149	RESTROOM		313	2	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23	WALL SWITCH SENSOR	1
1873	WEST OAKLAND MIDDLE	C/D	1	149	MECHANICAL		313	2	62	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23	CEILING SENSOR	1
1874	WEST OAKLAND MIDDLE	C/D	1	112	CLASSROOM		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
1875	WEST OAKLAND MIDDLE	C/D	1	113	CLASSROOM		316	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1876	WEST OAKLAND MIDDLE	C/D	1	112	CLASSROOM		302	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
1877	WEST OAKLAND MIDDLE	C/D	1	112	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1878	WEST OAKLAND MIDDLE	C/D	1	112	CLASSROOM		310	2	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	2	54		
1879	WEST OAKLAND MIDDLE	C/D	1	116	CLASSROOM		316	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1880	WEST OAKLAND MIDDLE	C/D	1	116	OFFICE		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
1881	WEST OAKLAND MIDDLE	C/D	1	118	SINK		316	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1882	WEST OAKLAND MIDDLE	C/D	1	117	OFFICE		316	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1883	WEST OAKLAND MIDDLE	C/D	1	127	MUSIC		302	8	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	8	90		
1884	WEST OAKLAND MIDDLE	C/D	1	127	MUSIC		310	2	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	2	54		
1885	WEST OAKLAND MIDDLE	C/D	1	120	CUSTODIAN		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
1886	WEST OAKLAND MIDDLE	C/D	1	126	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1887	WEST OAKLAND MIDDLE	C/D	1	126	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1888	WEST OAKLAND MIDDLE	C/D	1	126	CLASSROOM		310	2	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	2	54		
1889	WEST OAKLAND MIDDLE	C/D	1	125	CLASSROOM		302	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
1890	WEST OAKLAND MIDDLE	C/D	1	125	CLASSROOM		303	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
1891	WEST OAKLAND MIDDLE	C/D	1	125	CLASSROOM		310	1	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	1	54		
1892	WEST OAKLAND MIDDLE	C/D	1	125	HALLWAY		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
1893	WEST OAKLAND MIDDLE	C/D	1	124	CUSTODIAN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1894	WEST OAKLAND MIDDLE	C/D	1	123	BOYS		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1895	WEST OAKLAND MIDDLE	C/D	1	122	GIRLS		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1896	WEST OAKLAND MIDDLE	C/D	1	108	MULTIPURPOSE		317	27	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	27	60	CEILING SENSOR	4
1897	WEST OAKLAND MIDDLE	C/D	1	108	STAGE		317	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60	CEILING SENSOR	1
1898	WEST OAKLAND MIDDLE	C/D	1	110	STORAGE		318	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1899	WEST OAKLAND MIDDLE	C/D	1	102	LOUNGE		319	6	89	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	6	60		
1900	WEST OAKLAND MIDDLE	C/D	1	103	KITCHEN		301	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30		
1901	WEST OAKLAND MIDDLE	C/D	1	103	KITCHEN		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
1902	WEST OAKLAND MIDDLE	C/D	1	104	STORAGE		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1903	WEST OAKLAND MIDDLE	C/D	1	105	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
1904	WEST OAKLAND MIDDLE	C/D	1	EXTERIOR	ATTACHED		346	11	47	Enertron LED Retrofit Kit with Battery in Existing CFL Fixture	Enertron: LEDRET4X6-BB	11	17		
1905	WEST OAKLAND MIDDLE	C/D	1	EXTERIOR	ATTACHED		340	10	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	10	40		
1906	WEST OAKLAND MIDDLE	C/D	1	EXTERIOR	ATTACHED		342	1	465	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED150TN	1	154		
1907	WEST OAKLAND MIDDLE	C/D	1	EXTERIOR	ATTACHED		347	2	31	Remove Existing Wall Pack and install (1) New LED Wall pack	Enertron: 7ILED2X6-40	2	10		

Site: OAKLAND USD.						14,655														1,871
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity					
1908	WEST OAKLAND MIDDLE	H	1	117	LOBBY		316	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30							
1909	WEST OAKLAND MIDDLE	H	1	117	LOBBY		320	3	37	LED Can Kit	GE: LRXR610840MD	3	8.5							
1910	WEST OAKLAND MIDDLE	H	1	117	LOBBY		304	2	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	2	18							
1911	WEST OAKLAND MIDDLE	H	1	117	HALLWAY		316	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30							
1912	WEST OAKLAND MIDDLE	H	1	117	HALLWAY		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30							
1913	WEST OAKLAND MIDDLE	H	1	117	COUNTER		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1914	WEST OAKLAND MIDDLE	H	1	117	HALLWAY		301	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1					
1915	WEST OAKLAND MIDDLE	H	1	117	OPEN		308	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30							
1916	WEST OAKLAND MIDDLE	H	1	117	EXIT		308	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1917	WEST OAKLAND MIDDLE	H	1	124	OFFICE		322	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45							
1918	WEST OAKLAND MIDDLE	H	1	124	OFFICE		322	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45							
1919	WEST OAKLAND MIDDLE	H	1	122	ELEVATOR EQUIPMENT		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1920	WEST OAKLAND MIDDLE	H	1	121	OFFICE		308	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1921	WEST OAKLAND MIDDLE	H	1	130	OFFICE		323	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45							
1922	WEST OAKLAND MIDDLE	H	1	120	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1923	WEST OAKLAND MIDDLE	H	1	119	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1924	WEST OAKLAND MIDDLE	H	1	118	LAUNDRY		308	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1925	WEST OAKLAND MIDDLE	H	1	128	OFFICE		324	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30							
1926	WEST OAKLAND MIDDLE	H	1	127	OFFICE		322	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45							
1927	WEST OAKLAND MIDDLE	H	1	126	OFFICE		322	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45							
1928	WEST OAKLAND MIDDLE	H	1	125	OFFICE		322	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45							
1929	WEST OAKLAND MIDDLE	H	1	101	ENTRY		308	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1					
1930	WEST OAKLAND MIDDLE	H	12	101	STAIR		314	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30							
1931	WEST OAKLAND MIDDLE	H	2	101	HALLWAY		308	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1					
1932	WEST OAKLAND MIDDLE	H	2	202	CLASSROOM		324	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30							
1933	WEST OAKLAND MIDDLE	H	2	202	CLASSROOM		310	2	97	Three fixtures tandem Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	2	54							
1934	WEST OAKLAND MIDDLE	H	2	209	CORRIDOR		324	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	4					
1935	WEST OAKLAND MIDDLE	H	2	209	CORRIDOR		314	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		CONTINUE					
1936	WEST OAKLAND MIDDLE	H	2	209	CORRIDOR		321	4	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	4	30		CONTINUE					
1937	WEST OAKLAND MIDDLE	H	2	203	CLASSROOM		324	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30							
1938	WEST OAKLAND MIDDLE	H	2	208	WOMEN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1939	WEST OAKLAND MIDDLE	H	2	207	MEN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1940	WEST OAKLAND MIDDLE	H	2	206	CUSTODIAN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1941	WEST OAKLAND MIDDLE	H	2	205	CLASSROOM		324	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30							
1942	WEST OAKLAND MIDDLE	H	2	204	CLASSROOM		324	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30							
1943	WEST OAKLAND MIDDLE	H	1	102	RECEPTION		301	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1					
1944	WEST OAKLAND MIDDLE	H	1	102	RECEPTION		320	3	37	LED Can Kit	GE: LRXR610840MD	3	8.5		CONTINUE					
1945	WEST OAKLAND MIDDLE	H	1	102	RECEPTION		304	2	33	Retrofit T-5 Fixture w/ (1) LED lamp and separate driver	Espen: L48T5/840/24G-EB HE	2	18		CONTINUE					
1946	WEST OAKLAND MIDDLE	H	1	102	HALLWAY		301	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30		CONTINUE					
1947	WEST OAKLAND MIDDLE	H	1	112	EXAM		324	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30							
1948	WEST OAKLAND MIDDLE	H	1	113	LAB		322	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45							
1949	WEST OAKLAND MIDDLE	H	1	114	RESTROOM		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1950	WEST OAKLAND MIDDLE	H	1	115	CHART		324	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30							
1951	WEST OAKLAND MIDDLE	H	1	117	CUSTODIAN		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1					
1952	WEST OAKLAND MIDDLE	H	1	111	EXAM		324	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30							
1953	WEST OAKLAND MIDDLE	H	1	111A	STERI		324	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1954	WEST OAKLAND MIDDLE	H	1	110	EXAM		324	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1955	WEST OAKLAND MIDDLE	H	1	109	TRIAGE		324	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1956	WEST OAKLAND MIDDLE	H	1	106	OFFICE		322	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45							
1957	WEST OAKLAND MIDDLE	H	1	108	WAITING		324	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30							
1958	WEST OAKLAND MIDDLE	H	1	107	CONFERENCE ROOM		324	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30							
1959	WEST OAKLAND MIDDLE	H	1	107	CONFERENCE ROOM		320	10	37	LED Can Kit	GE: LRXR610840MD	10	8.5							
1960	WEST OAKLAND MIDDLE	H	1	105	OFFICE		324	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30							

Site: OAKLAND USD						14,655									1,876	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
1961	WEST OAKLAND MIDDLE	H	1	104	OFFICE		322	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45			
1962	WEST OAKLAND MIDDLE	H	1	103	ELECTRICAL		301	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
1963	WEST OAKLAND MIDDLE	H	1	EXTERIOR	ATTACHED		340	6	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	6	40			
1964	WEST OAKLAND MIDDLE	H	1	EXTERIOR	ATTACHED		346	6	47	Enertron LED Retrofit Kit with Battery in Existing CFL Fixture	Enertron: LEDRET4X6-BB	6	17			
1965	WEST OAKLAND MIDDLE	H	1	EXTERIOR	ATTACHED		331	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30			
1966	WEST OAKLAND MIDDLE	WALKWAY	1	EXTERIOR	COVERED WALKWAY		348	34	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	34	15			
1967	WEST OAKLAND MIDDLE	PARKING	1	EXTERIOR	STAFF		349	4	458	Remove Existing Shoebox and install new shoebox at 25 feet	Deco: D824-LED-150-40-UNV-LP-T4-PM-BZ-MS	4	113			
1968	CLAREMONT MIDDLE	MAIN	1	COMMON	CORRIDOR		308	11	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30	CEILING SENSOR	3	
1969	CLAREMONT MIDDLE	MAIN	1	COMMON	CORRIDOR		308	19	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	19	30	CEILING SENSOR	4	
1970	CLAREMONT MIDDLE	MAIN	1	COMMON	CORRIDOR		308	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	2	
1971	CLAREMONT MIDDLE	MAIN	1	COMMON	CORRIDOR		314	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	2	
1972	CLAREMONT MIDDLE	MAIN	1	COMMON	GIRLS		314	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	1	
1973	CLAREMONT MIDDLE	MAIN	1	COMMON	BOYS		314	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	1	
1974	CLAREMONT MIDDLE	MAIN	1	10	CLASSROOM		308	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	1	
1975	CLAREMONT MIDDLE	MAIN	1	9	CLASSROOM		325	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
1976	CLAREMONT MIDDLE	MAIN	1	8	CLASSROOM		325	14	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	14	60	CEILING SENSOR	1	
1977	CLAREMONT MIDDLE	MAIN	1	7	CLASSROOM		325	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
1978	CLAREMONT MIDDLE	MAIN	1	6	CLASSROOM		325	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
1979	CLAREMONT MIDDLE	MAIN	1	5	CLASSROOM		325	15	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	15	60	CEILING SENSOR	1	
1980	CLAREMONT MIDDLE	MAIN	1	4	CLASSROOM		325	9	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	9	60	CEILING SENSOR	1	
1981	CLAREMONT MIDDLE	MAIN	1	COMMON	STAFF		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
1982	CLAREMONT MIDDLE	MAIN	1	COMMON	STAFF		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1	
1983	CLAREMONT MIDDLE	MAIN	1	COMMON	CUSTODIAN		326	1	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1	
1984	CLAREMONT MIDDLE	MAIN	1	3	CLASSROOM		325	17	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	17	60	CEILING SENSOR	1	
1985	CLAREMONT MIDDLE	MAIN	1	2	CLASSROOM		325	10	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1	
1986	CLAREMONT MIDDLE	MAIN	1	12	MULTIPURPOSE		325	36	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	36	60	CEILING SENSOR	2	
1987	CLAREMONT MIDDLE	MAIN	1	LIBRARY	LIBRARY		325	23	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	23	60	CEILING SENSOR	2	
1988	CLAREMONT MIDDLE	MAIN	1	LIBRARY	OFFICE		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
1989	CLAREMONT MIDDLE	MAIN	1	LIBRARY	STORAGE		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
1990	CLAREMONT MIDDLE	MAIN	1	LIBRARY	STORAGE		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30	CEILING SENSOR	1	
1991	CLAREMONT MIDDLE	MAIN	1	1	CLASSROOM		325	15	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	15	60	CEILING SENSOR	1	
1992	CLAREMONT MIDDLE	MAIN	1	1	STORAGE		325	6	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	6	60	CEILING SENSOR	1	
1993	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	RECEPTION		325	6	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	6	60	CEILING SENSOR	1	
1994	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	SUPPLIES		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
1995	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	NURSE		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
1996	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	NURSE		327	1	36	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
1997	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	PRINCIPAL		325	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60	CEILING SENSOR	1	
1998	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	OFFICE		325	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60	CEILING SENSOR	1	
1999	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	OFFICE		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
2000	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	OFFICE		325	3	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	3	60	CEILING SENSOR	1	
2001	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	OFFICE		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
2002	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	RECORDS		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
2003	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	CONFERENCE ROOM		325	3	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	3	60	CEILING SENSOR	1	
2004	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	OFFICE		325	3	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	3	60	CEILING SENSOR	1	
2005	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	OPEN		325	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60	CEILING SENSOR	1	
2006	CLAREMONT MIDDLE	MAIN	1	MAIN OFFICE	HALLWAY		328	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1	
2007	CLAREMONT MIDDLE	MAIN	1	COMMON	CUSTODIAN		326	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1	
2008	CLAREMONT MIDDLE	MAIN	1	14	CLASSROOM		314	18	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	2	
2009	CLAREMONT MIDDLE	MAIN	1	19	CLASSROOM		314	18	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	2	
2010	CLAREMONT MIDDLE	MAIN	1	18	CLASSROOM		314	19	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	19	30	CEILING SENSOR	2	
2011	CLAREMONT MIDDLE	MAIN	1	18	CLOSET		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
2012	CLAREMONT MIDDLE	MAIN	1	18	DATA		329	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15	WALL SWITCH SENSOR	1	
2013	CLAREMONT MIDDLE	MAIN	1	15	CLASSROOM		314	18	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	2	

Site: OAKLAND USD														1,874	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2014	CLAREMONT MIDDLE	MAIN	1	COMMON	CUSTODIAN		330	1	33	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2015	CLAREMONT MIDDLE	MAIN	1	COMMON	HALLWAY		331	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2016	CLAREMONT MIDDLE	MAIN	1	COMMON	BOYS		331	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2017	CLAREMONT MIDDLE	MAIN	1	17	CLASSROOM		314	18	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	2
2018	CLAREMONT MIDDLE	MAIN	1	COMMON	HALLWAY		331	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2019	CLAREMONT MIDDLE	MAIN	1	COMMON	GIRLS		331	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2020	CLAREMONT MIDDLE	MAIN	1	COMMON	STAFF		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2021	CLAREMONT MIDDLE	MAIN	1	COMMON	STAFF		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2022	CLAREMONT MIDDLE	MAIN	1	16B	CLASSROOM		314	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30	CEILING SENSOR	1
2023	CLAREMONT MIDDLE	MAIN	1	16A	CLASSROOM		314	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	1
2024	CLAREMONT MIDDLE	MAIN	12	COMMON	STAIR		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2025	CLAREMONT MIDDLE	MAIN	12	COMMON	STAIR		332	1	18	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9		
2026	CLAREMONT MIDDLE	MAIN	2	COMMON	CORRIDOR		314	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	2
2027	CLAREMONT MIDDLE	MAIN	12	COMMON	STAIR		332	2	18	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9		
2028	CLAREMONT MIDDLE	MAIN	2	COMMON	CUSTODIAN		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2029	CLAREMONT MIDDLE	MAIN	2	20	CLASSROOM		314	18	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	2
2030	CLAREMONT MIDDLE	MAIN	2	21	OFFICE		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2031	CLAREMONT MIDDLE	MAIN	2	22	OFFICE		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2032	CLAREMONT MIDDLE	MAIN	2	23	OFFICE		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2033	CLAREMONT MIDDLE	MAIN	2	24	OFFICE		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2034	CLAREMONT MIDDLE	MAIN	2	COMMON	STORAGE		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2035	CLAREMONT MIDDLE	MAIN	2	25	OFFICE		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2036	CLAREMONT MIDDLE	MAIN	2	26	CLASSROOM		314	27	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	27	30	CEILING SENSOR	2
2037	CLAREMONT MIDDLE	MAIN	2	26	STORAGE		314	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
2038	CLAREMONT MIDDLE	MAIN	2	27	OFFICE		314	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
2039	CLAREMONT MIDDLE	MAIN	2	27	CLOSET		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2040	CLAREMONT MIDDLE	MAIN	1	EXTERIOR	ATTACHED		341	3	18	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
2041	CLAREMONT MIDDLE	MAIN	1	EXTERIOR	ATTACHED		340	9	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	9	40		
2042	CLAREMONT MIDDLE	MAIN	1	EXTERIOR	ATTACHED		345	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
2043	CLAREMONT MIDDLE	2	1	40	CLASSROOM		308	27	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	27	30	CEILING SENSOR	2
2044	CLAREMONT MIDDLE	2	1	40	STORAGE		308	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
2045	CLAREMONT MIDDLE	2	1	40	RESTROOM		333	1	36	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	24	WALL SWITCH SENSOR	1
2046	CLAREMONT MIDDLE	2	1	40	SUPPLIES		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2047	CLAREMONT MIDDLE	2	1	40	VESTIBULE		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2048	CLAREMONT MIDDLE	2	1	40	VESTIBULE		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2049	CLAREMONT MIDDLE	2	1	41	CLASSROOM		308	21	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	21	30	CEILING SENSOR	1
2050	CLAREMONT MIDDLE	2	1	41	RESTROOM		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2051	CLAREMONT MIDDLE	2	1	MUSIC	ENTRY		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2052	CLAREMONT MIDDLE	2	1	MUSIC	CLASSROOM		334	18	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	18	60	CEILING SENSOR	2
2053	CLAREMONT MIDDLE	2	1	MUSIC	SUPPLY		314	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2054	CLAREMONT MIDDLE	2	1	MUSIC	TOOL ROOM		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2055	CLAREMONT MIDDLE	2	2	MUSIC	LOFT		314	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
2056	CLAREMONT MIDDLE	2	1	MUSIC	CABINET SHOP		308	21	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	21	30	CEILING SENSOR	1
2057	CLAREMONT MIDDLE	2	1	MUSIC	TOOL ROOM		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2058	CLAREMONT MIDDLE	2	1	MUSIC	SUPPLY ROOM		315	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2059	CLAREMONT MIDDLE	2	1	MUSIC	OFFICE		314	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2060	CLAREMONT MIDDLE	2	1	EXTERIOR	ATTACHED		343	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		
2061	CLAREMONT MIDDLE	2	1	EXTERIOR	ATTACHED		340	2	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	2	40		
2062	CLAREMONT MIDDLE	2	1	EXTERIOR	ATTACHED		341	1	18	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
2063	CLAREMONT MIDDLE	OLD CAFETERIA	1	EXTERIOR	ATTACHED		331	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2064	CLAREMONT MIDDLE	OLD CAFETERIA	1	EXTERIOR	ATTACHED		340	4	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	4	40		
2065	CLAREMONT MIDDLE	OLD CAFETERIA	1	EXTERIOR	ATTACHED		341	1	18	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
2066	CLAREMONT MIDDLE	OLD CAFETERIA	1	EXTERIOR	ATTACHED		343	1	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	1	25		

Site: OAKLAND USD														1,876	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2120	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	113	363	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2121	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	CONFERENCE ROOM	113	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2122	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	111	363	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2123	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	CONFERENCE ROOM	111	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2124	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	107	363	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2125	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	STORAGE		364	3	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	45		
2126	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	115	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2127	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	SERVER ROOM		363	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2128	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	RESTROOM		365	1	31	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2129	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	RESTROOM		365	2	31	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	2	30		
2130	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	108	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2131	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	110	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2132	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	112	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2133	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	114	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2134	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	116	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2135	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	118	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2136	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	120	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2137	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	OFFICE	122	363	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30		
2138	Oakland Tech (Marc or Nick)	MAIN	1	COUSLING OFFICE	NURSE		363	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2139	Oakland Tech (Marc or Nick)	MAIN	1	110A	SMALL HALL	110A	364	3	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	45		
2140	Oakland Tech (Marc or Nick)	MAIN	1	110A	PSYCHOLOGIST		364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2141	Oakland Tech (Marc or Nick)	MAIN	1	110A	RESTROOM		365	1	31	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2142	Oakland Tech (Marc or Nick)	MAIN	1	110A	OFFICE		364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2143	Oakland Tech (Marc or Nick)	MAIN	1	110A	OFFICE		364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2144	Oakland Tech (Marc or Nick)	MAIN	1	110A	NURSE		364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2145	Oakland Tech (Marc or Nick)	MAIN	1	110A	SECURITY		364	3	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	45		
2146	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	JANITOR		367	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2147	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	WOMENS		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2148	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	WOMENS		369	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2149	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	MENS		370	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2150	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	MENS		365	1	31	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2151	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2152	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	WORK ROOM	106A	363	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30		
2153	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	106	363	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30		
2154	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	104	363	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30		
2155	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	102	363	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
2156	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	101	363	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
2157	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE		370	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2158	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	103	363	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30		
2159	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	105	363	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
2160	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	OFFICE	119	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2161	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	OFFICE	119	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2162	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	LIBRARY	123	363	44	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	44	30		
2163	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	LIBRARY	123	371	24	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	45		
2164	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	LIBRARY	123	372	1	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	60		
2165	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	LIBRARY	123	373	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2166	Oakland Tech (Marc or Nick)	MAIN	1	LIBRARY	BREAK ROOM		364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2167	Oakland Tech (Marc or Nick)	MAIN	1	BREAK ROOM	STORAGE		374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2168	Oakland Tech (Marc or Nick)	MAIN	1	BREAK ROOM	WORK ROOM		364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2169	Oakland Tech (Marc or Nick)	MAIN	1	LIBRARY	STORAGE	123E	374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2170	Oakland Tech (Marc or Nick)	MAIN	1	LIBRARY	CLASSROOM	123F	363	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	1
2171	Oakland Tech (Marc or Nick)	MAIN	1	CLASSROOM	STORAGE	123F	375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2172	Oakland Tech (Marc or Nick)	MAIN	1	LIBRARY	CLASSROOM	123G	363	13	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	13	30		

Site: OAKLAND USD															1,874
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2173	Oakland Tech (Marc or Nick)	MAIN	1	LIBRARY	STAIRS		376	3	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	3
2174	Oakland Tech (Marc or Nick)	MAIN	1	LIBRARY	OFFICE		363	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30		
2175	Oakland Tech (Marc or Nick)	MAIN	1	LIBRARY	OFFICE		363	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30		
2176	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	ELECTRICAL		377	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45		
2177	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	129	363	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30		
2178	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	131	363	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30		
2179	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	SMALL HALL		368	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2180	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	MENS		370	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15		
2181	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	RESTROOM		370	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15		
2182	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	140	363	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30		
2183	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE	140	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2184	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE	140	374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2185	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	138	363	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
2186	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE	138	374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2187	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	KILN	138	374	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2188	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	133	363	15	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30		
2189	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	WORK ROOM	133	363	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30		
2190	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	SUPPLIES	133	374	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2191	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	OFFICE	133	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2192	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	135	363	16	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	30		
2193	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE	135	364	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45		
2194	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	137	363	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30		
2195	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	BOOK ROOM	137	378	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45	WALL SWITCH SENSOR	1
2196	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	139	363	12	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30		
2197	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE	139	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2198	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	141	363	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30		
2199	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	OFFICE	141	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2200	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	148	363	14	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	30		
2201	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	OFFICE	148	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2202	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	146	363	15	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30		
2203	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	OFFICE	146	378	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45	WALL SWITCH SENSOR	1
2204	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	144	363	11	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30		
2205	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	OFFICE	144	378	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2206	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	COMPUTER LAB	142	363	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30		
2207	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2208	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	SERVER ROOM		367	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2209	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	JANITOR		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2210	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	SMALL HALL		368	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2211	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	WOMENS		370	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15		
2212	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	WOMENS		370	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2213	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	136	363	24	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30		
2214	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	SUPPLIES	136	374	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2215	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	WORK ROOM		363	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
2216	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	134	363	26	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	26	30		
2217	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	SUPPLIES	134	374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2218	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CLASSROOM	132	363	18	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30		
2219	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	STORAGE	132	374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2220	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	ATTENDANCE	130	363	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30		
2221	Oakland Tech (Marc or Nick)	MAIN	1	ATTENDANCE	BREAK ROOM	130	374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2222	Oakland Tech (Marc or Nick)	MAIN	1	ATTENDANCE	STORAGE	130	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2223	Oakland Tech (Marc or Nick)	MAIN	1	ATTENDANCE	CONFERENCE ROOM	130	363	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2224	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	216	364	8	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	45		
2225	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	214	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		

Site: OAKLAND USD															1,870
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2226	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	214	363	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30		
2227	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STORAGE	214	364	1	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45		
2228	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	212	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2229	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	212	378	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2230	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	212	374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2231	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	212	363	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
2232	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	210	364	8	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	45		
2233	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	OFFICE	208	364	3	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	45		
2234	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	SMALL HALL		379	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2235	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	MENS		370	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2236	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	RESTROOM		370	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2237	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	ELECTRICAL		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2238	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	SMALL HALL		379	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2239	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WOMENS		370	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2240	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WOMENS		370	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15		
2241	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	206	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2242	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	204	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2243	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	202	364	16	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45		
2244	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STORAGE		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2245	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	201	364	16	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45		
2246	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	203	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2247	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	205	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2248	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	207	364	6	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45		
2249	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	209	363	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30		
2250	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	211	364	8	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	45		
2251	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	213	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2252	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	213	364	6	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45		
2253	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	215	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2254	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	215	363	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30		
2255	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STORAGE	215	364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2256	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	217	364	8	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	45		
2257	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	RESTROOM		365	1	31	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2258	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STAIRS		376	3	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	3	30		
2259	Oakland Tech (Marc or Nick)	MAIN	2	STAIRS	STORAGE		375	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2260	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STORAGE		380	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2261	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CONFERENCE ROOM	217A	380	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2262	Oakland Tech (Marc or Nick)	MAIN	2	CONFERENCE ROOM	SERVER ROOM	217A	380	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2263	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	ELECTRICAL		381	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2264	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	RESTROOM		365	1	31	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2265	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	219	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2266	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	221	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2267	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	223	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2268	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	225	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2269	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STORAGE	227	364	4	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	45		
2270	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	MENS		370	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2271	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	MENS		365	1	31	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2272	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	MENS		370	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2273	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STORAGE		364	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2274	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	230	363	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30		
2275	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	228	364	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2276	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	226	364	16	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45		
2277	Oakland Tech (Marc or Nick)	MAIN	2.1	COMMON	STAIRS		376	3	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	3
2278	Oakland Tech (Marc or Nick)	MAIN	2.1	COMMON	STAIRS		374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		CONTINUE

Site: OAKLAND USD										14,655	Existing	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts									
2279	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	229	364	16	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45				
2280	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	231	364	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2281	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	233	364	16	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45				
2282	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	235	382	4	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	45				
2283	Oakland Tech (Marc or Nick)	MAIN	2	235	BREAK ROOM	235A	382	2	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45				
2284	Oakland Tech (Marc or Nick)	MAIN	2	235	OFFICE	235B	382	2	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45				
2285	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	237	364	16	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45				
2286	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	239	364	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2287	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	241	364	16	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45				
2288	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	STORAGE		375	1	31		Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15				
2289	Oakland Tech (Marc or Nick)	MAIN	2 1	COMMON	STAIRS		376	3	59		Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR		3	
2290	Oakland Tech (Marc or Nick)	MAIN	2 1	COMMON	STAIRS		374	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30			CONTINUE	
2291	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	238	364	16	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45				
2292	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	236	364	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2293	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	234	364	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2294	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WORK ROOM	232	363	8	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30				
2295	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	WOMENS		383	1	31		Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15				
2296	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	RESTROOM		383	2	31		Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15				
2297	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	224	364	8	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	45				
2298	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	222	364	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2299	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	220	364	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2300	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CLASSROOM	218	364	16	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45				
2301	Oakland Tech (Marc or Nick)	MAIN	2	218	WORK ROOM	218	364	6	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45				
2302	Oakland Tech (Marc or Nick)	MAIN	2	218	WORK ROOM	218	384	1	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45				
2303	Oakland Tech (Marc or Nick)	MAIN	2	WORK ROOM	STORAGE		380	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR		1	
2304	Oakland Tech (Marc or Nick)	MAIN	2	218	STORAGE		364	1	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	45				
2305	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	ATTIC		380	4	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR		1	
2306	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	BOILER ROOM		385	7	112		Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	7	60				
2307	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	JANITOR		375	1	31		Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15				
2308	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	WOMENS		368	2	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
2309	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	WOMENS		369	1	59		Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30				
2310	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	MENS		368	2	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
2311	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	MENS		369	1	59		Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30				
2312	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	QUICK LUNCH	10	374	42	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	42	30				
2313	Oakland Tech (Marc or Nick)	MAIN	B	QUICK LUNCH	SNACK BAR	10	374	5	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30				
2314	Oakland Tech (Marc or Nick)	MAIN	B	SNACK BAR	EQUIPMENT STORAGE	10	375	1	31		Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15				
2315	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	LOCKER ROOM		386	6	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR		2	
2316	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	LOCKER ROOM		387	6	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30				
2317	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CLASSROOM	4	364	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2318	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	STORAGE	1	380	40	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	40	30				
2319	Oakland Tech (Marc or Nick)	MAIN	B	STORAGE	ELEVATOR MACHINE ROOM	1	381	1	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR		1	
2320	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CLASSROOM	2	388	16	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	16	45				
2321	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CLASSROOM	3	388	12	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45				
2322	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CORRIDOR		387	6	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30				
2323	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CORRIDOR		379	2	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				
2324	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CAFETERIA	13	384	21	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	21	45				
2325	Oakland Tech (Marc or Nick)	MAIN	B	CAFETERIA	SUPPLIES	13	375	1	31		Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15				
2326	Oakland Tech (Marc or Nick)	MAIN	B	CAFETERIA	FOOD LINE	13	390	3	112		Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	3	60				
2327	Oakland Tech (Marc or Nick)	MAIN	B	CAFETERIA	FOOD LINE	13	391	1	112		Retrofit w/ (4) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	60				
2328	Oakland Tech (Marc or Nick)	MAIN	B	CAFETERIA	KITCHEN	13	377	10	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	45				
2329	Oakland Tech (Marc or Nick)	MAIN	B	CAFETERIA	KITCHEN	13	377	10	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	45				
2330	Oakland Tech (Marc or Nick)	MAIN	B	CAFETERIA	DISHWASHING ROOM	13	389	2	89		Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45				
2331	Oakland Tech (Marc or Nick)	MAIN	B	CAFETERIA	STORAGE	13	380	2	59		Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30				

Site: OAKLAND USD						14,655									1,874
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2332	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	STORAGE		380	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2333	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	FACULTY CAFETERIA	17	373	23	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	45		
2334	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CORRIDOR		387	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
2335	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	SERVICE CORRIDOR		387	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2336	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	SUPPLIES		381	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2337	Oakland Tech (Marc or Nick)	MAIN	B	SUPPLIES	STORAGE		381	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2338	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	STORAGE		381	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
2339	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	STORAGE		380	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2340	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	BOOK ROOM 2	22	392	7	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30		
2341	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CUSTODIAN OFFICE HALL		368	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2342	Oakland Tech (Marc or Nick)	MAIN	B	CUSTODIAN	CUSTODIAN OFFICE		374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2343	Oakland Tech (Marc or Nick)	MAIN	B	CUSTODIAN	BREAK ROOM		374	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2344	Oakland Tech (Marc or Nick)	MAIN	B	CUSTODIAN	BREAK ROOM		386	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2345	Oakland Tech (Marc or Nick)	MAIN	B	OFFICE HALL	RESTROOM		393	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2346	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CORRIDOR		379	7	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30		
2347	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	BOOK ROOM 1	18	394	10	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	45		
2348	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	STAFF LOUNGE	16	395	10	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60		
2349	Oakland Tech (Marc or Nick)	MAIN	B	STAFF LOUNGE	WOMENS	16	374	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2350	Oakland Tech (Marc or Nick)	MAIN	B	STAFF LOUNGE	WOMENS	16	369	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2351	Oakland Tech (Marc or Nick)	MAIN	B	STAFF LOUNGE	MENS	16	374	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2352	Oakland Tech (Marc or Nick)	MAIN	B	STAFF LOUNGE	MENS	16	369	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2353	Oakland Tech (Marc or Nick)	MAIN	B	COMMON	CORRIDOR		387	7	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30		
2354	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CORRIDOR		374	60	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	60	30		
2355	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CORRIDOR		398	12	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	12	30		
2356	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CORRIDOR		396	6	94	Remove Existing wall Fixture and install (1) New LED round Wall Fixture	Enertron: 19LEDBZ04X6	6	17		
2357	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	CORRIDOR		397	4	94	Remove Existing wall Fixture and install (1) New LED round Wall Fixture	Enertron: 19LEDBZ04X6 BAT	4	17		
2358	Oakland Tech (Marc or Nick)	MAIN	1	COMMON	MAIN ENTRANCE LOBBY		400	1	186	Retrofit CFL Plug in fixture with (6) new LED PL lamps and replace ballasts	Green Creative: 8.5PLH/840/DIR	1	51		
2359	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CORRIDOR		399	60	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	60	30		
2360	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CORRIDOR		396	16	94	Remove Existing wall Fixture and install (1) New LED round Wall Fixture	Enertron: 19LEDBZ04X6	16	17		
2361	Oakland Tech (Marc or Nick)	MAIN	2	COMMON	CORRIDOR		397	3	94	Remove Existing wall Fixture and install (1) New LED round Wall Fixture	Enertron: 19LEDBZ04X6 BAT	3	17		
2362	Oakland Tech (Marc or Nick)	MAIN	2.1	COMMON	DOUBLE STAIR		379	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30		
2363	Oakland Tech (Marc or Nick)	MAIN	2.1	COMMON	DOUBLE STAIR		376	3	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	3	30		
2364	Oakland Tech (Marc or Nick)	MAIN	2 B	COMMON	STAIRS		374	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2365	Oakland Tech (Marc or Nick)	MAIN	2 B	COMMON	STAIRS		399	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2366	Oakland Tech (Marc or Nick)	MAIN	2 B	COMMON	STAIRS		376	4	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	4	30		
2367	Oakland Tech (Marc or Nick)	MAIN	2 B	COMMON	STAIRS		374	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2368	Oakland Tech (Marc or Nick)	MAIN	2 B	COMMON	STAIRS		376	3	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	3	30		
2369	Oakland Tech (Marc or Nick)	MAIN	3	COMMON	ELEVATOR LOBBY		369	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2370	Oakland Tech (Marc or Nick)	MAIN	3	COMMON	STORAGE		401	6	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	135		
2371	Oakland Tech (Marc or Nick)	MAIN	3.2	STORAGE	STAIRS		376	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	2
2372	Oakland Tech (Marc or Nick)	MAIN	3.2	STAIRS	STORAGE		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2373	Oakland Tech (Marc or Nick)	MAIN	3.2	STORAGE	STORAGE		380	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2374	Oakland Tech (Marc or Nick)	MAIN	3.2	STORAGE	STORAGE		369	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2375	Oakland Tech (Marc or Nick)	MAIN	3.2	STORAGE	STORAGE		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15	WALL SWITCH SENSOR	1
2376	Oakland Tech (Marc or Nick)	MAIN	3.2	STORAGE	STORAGE		375	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2377	Oakland Tech (Marc or Nick)	MAIN	3.2	STORAGE	STAIRS		376	3	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	2
2378	Oakland Tech (Marc or Nick)	GIRLS GYM	1	COMMON	LOBBY		402	11	45	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 8.5PLH/840/DIR	11	17	CEILING SENSOR	1
2379	Oakland Tech (Marc or Nick)	GIRLS GYM	1	LOBBY	JANITOR		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2380	Oakland Tech (Marc or Nick)	GIRLS GYM	1	LOBBY	SNACK BAR		368	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	WALL SWITCH SENSOR	1
2381	Oakland Tech (Marc or Nick)	GIRLS GYM	1	LOBBY	WOMENS		368	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
2382	Oakland Tech (Marc or Nick)	GIRLS GYM	1	LOBBY	MENS		368	9	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	WALL SWITCH SENSOR	1
2383	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G5	GYM		403	28	70	No Retrofit	0	28	70	CEILING SENSOR	9
2384	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G5	GYM		404	20	150	Retrofit Incandescent fixture with (1) LED PAR 38 Lamp	Green Creative: 17PAR38DIM927FL40	20	17		CONTINUE

Site: OAKLAND USD														1,87	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2385	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G14	LOCKER ROOM		368	41	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	41	30	CEILING SENSOR	4
2386	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G14	LOCKER ROOM		406	8	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	8	25		CONTINUE
2387	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G14	RESTROOM		368	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2388	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G14	STORAGE		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2389	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G10	COACHES OFFICE		368	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	WALL SWITCH SENSOR	2
2390	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G10	RESTROOM		370	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2391	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G10	RESTROOM		405	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED10NFFRW	1	14		
2392	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G12	WORK ROOM		368	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	WALL SWITCH SENSOR	1
2393	Oakland Tech (Marc or Nick)	GIRLS GYM	1	LOCKER ROOM	HALLWAY		368	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	WALL SWITCH SENSOR	2
2394	Oakland Tech (Marc or Nick)	GIRLS GYM	1	LOCKER ROOM	STORAGE		368	8	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	WALL SWITCH SENSOR	1
2395	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G22	EXERCISE		407	38	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	38	60	CEILING SENSOR	2
2396	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G22	EXERCISE		408	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		CONTINUE
2397	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G22	STORAGE		407	8	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	8	60	CEILING SENSOR	1
2398	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G22	STORAGE		408	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		CONTINUE
2399	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G22	SMALL HALL		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2400	Oakland Tech (Marc or Nick)	GIRLS GYM	1	G22	JANITOR		368	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2401	Oakland Tech (Marc or Nick)	GIRLS GYM	1	JANITOR	SERVER ROOM		368	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2402	Oakland Tech (Marc or Nick)	BOYS GYM	2	GYM	GYM		409	12	376	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOS R16AR GDB16	12	148	CEILING SENSOR	6
2403	Oakland Tech (Marc or Nick)	BOYS GYM	2	GYM	STANDS		410	10	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	10	23	CEILING SENSOR	2
2404	Oakland Tech (Marc or Nick)	BOYS GYM	2	GYM	WEIGHT ROOM		410	8	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	8	23	CEILING SENSOR	1
2405	Oakland Tech (Marc or Nick)	BOYS GYM	2	GYM	ROCK CLIMB ROOM		410	6	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	6	23	CEILING SENSOR	1
2406	Oakland Tech (Marc or Nick)	BOYS GYM	2 1	GYM	STAIRS		411	2	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED10NFFRW	2	14	CEILING SENSOR	2
2407	Oakland Tech (Marc or Nick)	BOYS GYM	2 1	GYM	STAIRS		368	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		CONTINUE
2408	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	JANITOR		412	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2409	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	LOCKER ROOM		368	7	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	7	30	CEILING SENSOR	5
2410	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	LOCKER ROOM		410	2	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	2	23		CONTINUE
2411	Oakland Tech (Marc or Nick)	BOYS GYM	1	LOCKER ROOM	SHOWERS		410	4	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	4	23	CEILING SENSOR	2
2412	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	CLASSROOM		368	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
2413	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	EQUIPMENT STORAGE		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2414	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	STORAGE		368	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2415	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	CLASSROOM		368	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
2416	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	STORAGE		412	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2417	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	COACHES LOCKER		412	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2418	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	RESTROOM		413	1	13	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9	CEILING SENSOR	1
2419	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	STORAGE		412	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2420	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	STORAGE		412	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2421	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	STORAGE		412	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2422	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	RESTROOM		380	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2423	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	RESTROOM		410	1	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23		CONTINUE
2424	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	OFFICE		410	1	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23	CEILING SENSOR	1
2425	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	COACHES OFFICE		380	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2426	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	COACHES OFFICE		410	1	52	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23		CONTINUE
2427	Oakland Tech (Marc or Nick)	BOYS GYM	1	COMMON	HALLWAY		368	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	6
2428	Oakland Tech (Marc or Nick)	S	1	S3	CLASSROOM		401	9	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	9	135		
2429	Oakland Tech (Marc or Nick)	S	1	S3	CLASSROOM		414	5	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	5	90		
2430	Oakland Tech (Marc or Nick)	S	1	S3	WORK ROOM		375	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2431	Oakland Tech (Marc or Nick)	S	1	S3	STORAGE		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2432	Oakland Tech (Marc or Nick)	S	1	S3	RESTROOM		415	1	51	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23		
2433	Oakland Tech (Marc or Nick)	S	1	S10	CLASSROOM		401	4	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	135		
2434	Oakland Tech (Marc or Nick)	S	1	S10	CLASSROOM		414	2	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	90		
2435	Oakland Tech (Marc or Nick)	S	1	S10	STORAGE		375	3	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	15		
2436	Oakland Tech (Marc or Nick)	S	1	S10	OFFICE		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2437	Oakland Tech (Marc or Nick)	S	1	S10	STORAGE		375	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		

Site: OAKLAND USD														1,877	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2438	Oakland Tech (Marc or Nick)	S	1	S10	HALLWAY		387	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2439	Oakland Tech (Marc or Nick)	S	1	S9B	STORAGE		416	4	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	45		
2440	Oakland Tech (Marc or Nick)	S	1	S7	HALLWAY		387	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2441	Oakland Tech (Marc or Nick)	S	1	S7	HALLWAY		376	2	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	2	30		
2442	Oakland Tech (Marc or Nick)	S	1	S7B	CLASSROOM		401	2	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	135		
2443	Oakland Tech (Marc or Nick)	S	1	S7B	CLASSROOM		414	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
2444	Oakland Tech (Marc or Nick)	S	1	S7B	RESTROOM		370	2	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	15		
2445	Oakland Tech (Marc or Nick)	S	1	S7A	CLASSROOM		401	3	254	Three fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	135		
2446	Oakland Tech (Marc or Nick)	S	1	S7A	CLASSROOM		414	5	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	5	90		
2447	Oakland Tech (Marc or Nick)	S	1	S8A	CLASSROOM		388	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45		
2448	Oakland Tech (Marc or Nick)	S	1	EXTERIOR	STORAGE		415	1	51	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23		
2449	Oakland Tech (Marc or Nick)	S	1	S6	HALLWAY		379	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30		
2450	Oakland Tech (Marc or Nick)	S	1	S6	HALLWAY		376	2	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	2	30		
2451	Oakland Tech (Marc or Nick)	S	1	S6	CLASSROOM		414	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
2452	Oakland Tech (Marc or Nick)	S	1	S5	HALLWAY		374	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2453	Oakland Tech (Marc or Nick)	S	1	S5	CLASSROOM		388	14	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	14	45		
2454	Oakland Tech (Marc or Nick)	S	1	S5	RESTROOM		417	1	51	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23		
2455	Oakland Tech (Marc or Nick)	S	1	S5	SERVER ROOM		416	3	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	45		
2456	Oakland Tech (Marc or Nick)	S	1	S5A	OFFICE		388	3	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	45		
2457	Oakland Tech (Marc or Nick)	S	1	S4	CLASSROOM		414	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
2458	Oakland Tech (Marc or Nick)	S	1	S2	HALLWAY		374	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
2459	Oakland Tech (Marc or Nick)	S	1	S2	CLASSROOM		414	8	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	8	90		
2460	Oakland Tech (Marc or Nick)	S	1	S11	CLASSROOM		388	20	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	20	45		
2461	Oakland Tech (Marc or Nick)	S	1	S11A	STORAGE		388	6	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45		
2462	Oakland Tech (Marc or Nick)	S	1	S12A	CLASSROOM		388	6	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45		
2463	Oakland Tech (Marc or Nick)	S	1	COMMON	JANITOR		415	1	51	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFRW	1	23		
2464	Oakland Tech (Marc or Nick)	S	1	COMMON	RESTROOM		370	1	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	15		
2465	Oakland Tech (Marc or Nick)	S	1	S12	CLASSROOM		388	15	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	45		
2466	Oakland Tech (Marc or Nick)	S	1	S1	CLASSROOM		414	8	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	8	90		
2467	Oakland Tech (Marc or Nick)	S	1	S1	STORAGE		418	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45	WALL SWITCH SENSOR	1
2468	Oakland Tech (Marc or Nick)	S	1	S13	CLASSROOM		388	15	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	45		
2469	Oakland Tech (Marc or Nick)	S	1	S13	STORAGE		380	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2470	OAKLAND TECH	A	1	A3	CLASSROOM		476	9	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
2471	OAKLAND TECH	A	1	A3	CLASSROOM		477	3	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12	CEILING SENSOR	1
2472	OAKLAND TECH	A	1	A3	STORAGE		478	1	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2473	OAKLAND TECH	A	1	A3	STORAGE		478	1	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2474	OAKLAND TECH	A	1	BOYS	RESTROOM		479	3	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23	CEILING SENSOR	1
2475	OAKLAND TECH	A	1	MAIN CORRIDOR	CUSTODIAN		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2476	OAKLAND TECH	A	1	GIRLS	RESTROOM		479	3	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23	CEILING SENSOR	1
2477	OAKLAND TECH	A	1	MAIN CORRIDOR	STORAGE		478	1	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2478	OAKLAND TECH	A	1	MENS	RESTROOM		480	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2479	OAKLAND TECH	A	1	WOMENS	RESTROOM		480	1	59	Retrofit w/ (2) LED lamp and separate driver, Install new Emergency Battery	Espen: L48T8/840/15G-XT N	1	30		
2480	OAKLAND TECH	A	1	MAIN CORRIDOR	TICKET OFFICE		429	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2481	OAKLAND TECH	A	1	A1	CLASSROOM		431	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
2482	OAKLAND TECH	A	1	A1	CLASSROOM		481	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		CONTINUE
2483	OAKLAND TECH	A	1	MAIN CORRIDOR	STORAGE		478	1	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2484	OAKLAND TECH	A	1	MAIN CORRIDOR	MAIN CORRIDOR		481	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
2485	OAKLAND TECH	A	1	MAIN CORRIDOR	MAIN CORRIDOR		479	9	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	9	23		
2486	OAKLAND TECH	A	1	A4	CLASSROOM		476	9	109	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1
2487	OAKLAND TECH	A	1	A5	HALL		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2488	OAKLAND TECH	A	1	A5	HALL		479	2	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	2	23		CONTINUE
2489	OAKLAND TECH	A	1	HALL	CUSTODIAN		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2490	OAKLAND TECH	A	1	A5	CLASSROOM		482	9	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	9	80	CEILING SENSOR	1

Site: OAKLAND USD															14,658	1,877
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity	
2491	OAKLAND TECH	A	1	A5	STORAGE		485	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
2492	OAKLAND TECH	A	1	A5	WORKROOM		483	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
2493	OAKLAND TECH	A	1	WORKROOM	STORAGE		484	2	144	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
2494	OAKLAND TECH	A	1	A6	CLASSROOM		482	10	112	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	10	80	CEILING SENSOR	1	
2495	OAKLAND TECH	A	1	A6	HALL		479	3	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23	CEILING SENSOR	1	
2496	OAKLAND TECH	A	1	A6	STORAGE		479	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
2497	OAKLAND TECH	A	1	A6	SMALL MUSIC ROOM		479	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
2498	OAKLAND TECH	A	1	A6	SMALL MUSIC ROOM		479	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
2499	OAKLAND TECH	A	1	A6	KITCHEN		483	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1	
2500	OAKLAND TECH	A	1	A6	HALL		479	3	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23	CEILING SENSOR	1	
2501	OAKLAND TECH	A	1	A6	SMALL MUSIC ROOM		479	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
2502	OAKLAND TECH	A	1	A6	SMALL MUSIC ROOM		479	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
2503	OAKLAND TECH	A	1	A6	SMALL MUSIC ROOM		479	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
2504	OAKLAND TECH	A	1	A6	INSTRUMENT STORAGE		486	2	46	Retrofit Incandescent fixture with (2) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	24	CEILING SENSOR	1	
2505	OAKLAND TECH	A	1	A6	INSTRUMENT STORAGE		485	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
2506	OAKLAND TECH	A	1	A6	INSTRUMENT STORAGE		485	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1	
2507	OAKLAND TECH	A	1	TO AUDITORIUM	HALL		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	2	
2508	OAKLAND TECH	A	1	TO AUDITORIUM	HALL		479	3	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23	WALL SWITCH SENSOR	1	
2509	OAKLAND TECH	A	1	TO AUDITORIUM	STORAGE		479	1	31	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23	WALL SWITCH SENSOR	1	
2510	OAKLAND TECH	A	B	EXTERIOR	MECHANICAL ROOM		487	2	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1	
2511	Oakland Tech (Marc or Nick)	FIELD EQUIPMENT	1	EXTERIOR	STORAGE		368	10	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	WALL SWITCH SENSOR	1	
2512	Oakland Tech (Marc or Nick)	BATHROOMS	1	EXTERIOR	MENS		368	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1	
2513	Oakland Tech (Marc or Nick)	BATHROOMS	1	EXTERIOR	WOMENS		368	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1	
2514	Oakland Tech (Marc or Nick)	BATHROOMS	1	EXTERIOR	MENS		368	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1	
2515	Oakland Tech (Marc or Nick)	BATHROOMS	1	EXTERIOR	WOMENS		368	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1	
2516	OAKLAND TECH	PORTABLES	1	TP8	CLASSROOM		337	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
2517	OAKLAND TECH	PORTABLES	1	TP8	ATTACHED		350	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
2518	OAKLAND TECH	PORTABLES	1	TP7	CLASSROOM		337	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
2519	OAKLAND TECH	PORTABLES	1	TP7	ATTACHED		350	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
2520	OAKLAND TECH	PORTABLES	1	TP3	CLASSROOM		337	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
2521	OAKLAND TECH	PORTABLES	1	TP3	ATTACHED		350	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
2522	OAKLAND TECH	PORTABLES	1	TP4	CLASSROOM		337	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
2523	OAKLAND TECH	PORTABLES	1	TP4	ATTACHED		350	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
2524	OAKLAND TECH	PORTABLES	1	P1	CLASSROOM		322	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
2525	OAKLAND TECH	PORTABLES	1	P1	ATTACHED		350	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
2526	OAKLAND TECH	PORTABLES	1	P2	CLASSROOM		322	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
2527	OAKLAND TECH	PORTABLES	1	P2	ATTACHED		332	1	18	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
2528	OAKLAND TECH	PORTABLES	1	P3	CLASSROOM		322	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
2529	OAKLAND TECH	PORTABLES	1	P3	ATTACHED		332	1	18	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
2530	OAKLAND TECH	PORTABLES	1	P4	CLASSROOM		322	12	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	45	CEILING SENSOR	1	
2531	OAKLAND TECH	PORTABLES	1	P4	ATTACHED		332	1	18	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	1	9			
2532	OAKLAND TECH	PORTABLES	1	P4	WALKWAY		351	1	295	Remove Existing Shoebox and install new shoebox at 25 feet	Deco: D824-LED-80-40-UNV-LP-T4-PM-BZ-MS	1	149			
2533	OAKLAND TECH	PORTABLES	1	P5	CLASSROOM		337	10	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1	
2534	OAKLAND TECH	PORTABLES	1	P5	ATTACHED		347	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	Enertron: 71LED2X6-40	1	10			
2535	OAKLAND TECH	PORTABLES	1	P6	CLASSROOM		337	10	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1	
2536	OAKLAND TECH	PORTABLES	1	P6	ATTACHED		350	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK12N/PCU	1	14			
2537	OAKLAND TECH	PORTABLES	1	P7	CLASSROOM		337	12	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	12	60	CEILING SENSOR	1	
2538	OAKLAND TECH	PORTABLES	1	P7	ATTACHED		332	2	18	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9			
2539	OAKLAND TECH	PORTABLES	1	P8	CLINIC RECEPTION		308	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	2	
2540	OAKLAND TECH	PORTABLES	1	P8	HALLWAY		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30		CONTINUE	
2541	OAKLAND TECH	PORTABLES	1	P8	EXAM 1		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30	CEILING SENSOR	1	
2542	OAKLAND TECH	PORTABLES	1	P8	OFFICE		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30	CEILING SENSOR	1	
2543	OAKLAND TECH	PORTABLES	1	P8	EXAM 2		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30	CEILING SENSOR	1	

Site: OAKLAND USD														1,87	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2544	OAKLAND TECH	PORTABLES	1	P8	OFFICE		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30	CEILING SENSOR	1
2545	OAKLAND TECH	PORTABLES	1	P8	OFFICE		325	1	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	60	CEILING SENSOR	1
2546	OAKLAND TECH	PORTABLES	1	P8	OFFICE		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30	CEILING SENSOR	1
2547	OAKLAND TECH	PORTABLES	1	P8	OFFICE		325	2	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1
2548	OAKLAND TECH	PORTABLES	1	P8	RESTROOM		325	1	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	1	60	CEILING SENSOR	1
2549	OAKLAND TECH	PORTABLES	1	P8	DATA		321	1	59	"U" Lamp Fixture Retrofit w/ (2) LED "U" lamp and separate driver	Advance: IOPA2P32N	1	30	CEILING SENSOR	1
2550	OAKLAND TECH	PORTABLES	1	P8	ATTACHED		347	1	31	Remove Existing Wall Pack and install (1) New LED Wall pack	Enertron: 71LED2X6-40	1	10		
2551	OAKLAND TECH	BOYS GYM	1	EXTERIOR	ATTACHED		352	1	295	Remove Existing Floodlight and install (1) New LED Yoke Mount Floodlight	RAB: FXLED78TN/PCT	1	77		
2552	OAKLAND TECH	BOYS GYM	1	EXTERIOR	ATTACHED		340	1	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	1	40		
2553	OAKLAND TECH	BOYS GYM	1	EXTERIOR	ATTACHED		353	1	47	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED30-40-UNV-T3-BZ-PC	1	30		
2554	OAKLAND TECH	BOYS GYM	1	EXTERIOR	ATTACHED		343	3	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	3	25		
2555	OAKLAND TECH	SPORTS FIELD	1	EXTERIOR	SPORTS LIGHTING		354	13	1610	No Retrofit	0	13	1610		
2556	OAKLAND TECH	SPORTS FIELD	1	EXTERIOR	SPORTS LIGHTING		354	13	1610	No Retrofit	0	13	1610		
2557	OAKLAND TECH	SPORTS FIELD	1	EXTERIOR	SPORTS LIGHTING		354	13	1610	No Retrofit	0	13	1610		
2558	OAKLAND TECH	SPORTS FIELD	1	EXTERIOR	SPORTS LIGHTING		354	13	1610	No Retrofit	0	13	1610		
2559	OAKLAND TECH	GIRLS GYM	1	EXTERIOR	ATTACHED		355	11	295	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED80-40-UNV-T4-BZ-MS-FSP-L3	11	80		
2560	OAKLAND TECH	GIRLS GYM	1	EXTERIOR	ATTACHED		360	6	95	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	6	23		
2561	OAKLAND TECH	GIRLS GYM	1	EXTERIOR	ATTACHED		340	7	188	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED40-40-UNV-T3-BZ-PC	7	40		
2562	OAKLAND TECH	MAIN	1	EXTERIOR	ATTACHED		355	11	295	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED80-40-UNV-T4-BZ-MS-FSP-L3	11	80		
2563	OAKLAND TECH	MAIN	1	EXTERIOR	ATTACHED		356	3	295	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED75NFFRW	3	75		
2564	OAKLAND TECH	MAIN	1	EXTERIOR	ATTACHED		331	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		
2565	OAKLAND TECH	MAIN	1	EXTERIOR	FRONT WALKWAY		357	5	188	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: 5HID/840/277V/E26	5	45		
2566	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	ATTACHED		358	8	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	8	12		
2567	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	ATTACHED		359	4	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12		
2568	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	ATTACHED		355	3	295	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED80-40-UNV-T4-BZ-MS-FSP-L3	3	80		
2569	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	ATTACHED		332	2	18	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISK8NW	2	9		
2570	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	COVERED WALKWAY		348	8	31	Retrofit w/ (1) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	15		
2571	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	COVERED WALKWAY		361	9	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	9	12		
2572	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	COVERED WALKWAY		345	3	66	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	3	23		
2573	OAKLAND TECH	AUDITORIUM	1	EXTERIOR	COVERED WALKWAY		362	4	175	Two fixtures Tandem Retrofit w/ (3) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	90		
2574	OAKLAND TECH	S	1	EXTERIOR	ATTACHED		360	12	95	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	12	23		
2575	OAKLAND TECH	S	1	EXTERIOR	ATTACHED		355	6	295	Remove Existing Wall Pack and install (1) New LED Wall pack	DECO: D444-LED80-40-UNV-T4-BZ-MS-FSP-L3	6	80		
2576	MCCLYMONDS	MAIN	3	306	CLASSROOM		419	25	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	25	30	CEILING SENSOR	1
2577	MCCLYMONDS	MAIN	3	306	CLASSROOM		420	2	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
2578	MCCLYMONDS	MAIN	3	306	CLASSROOM		421	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2579	MCCLYMONDS	MAIN	3	306	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2580	MCCLYMONDS	MAIN	3	GIRLS	RESTROOM		423	3	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	3	17	CEILING SENSOR	1
2581	MCCLYMONDS	MAIN	3	305	CLASSROOM		419	18	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	1
2582	MCCLYMONDS	MAIN	3	305	CLASSROOM		420	2	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
2583	MCCLYMONDS	MAIN	3	305	CLASSROOM		421	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2584	MCCLYMONDS	MAIN	3	305	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2585	MCCLYMONDS	MAIN	3	305	WORKROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2586	MCCLYMONDS	MAIN	3	307	CLASSROOM		419	18	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	1
2587	MCCLYMONDS	MAIN	3	307	WORKROOM		420	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2588	MCCLYMONDS	MAIN	3	307	STORAGE		425	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2589	MCCLYMONDS	MAIN	3	307	WORKROOM		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2590	MCCLYMONDS	MAIN	3	304	CLASSROOM		419	33	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	33	30	CEILING SENSOR	1
2591	MCCLYMONDS	MAIN	3	304	STORAGE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2592	MCCLYMONDS	MAIN	3	308	CLASSROOM		419	21	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	21	30	CEILING SENSOR	1
2593	MCCLYMONDS	MAIN	3	308	STORAGE		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	2
2594	MCCLYMONDS	MAIN	3	308	STORAGE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	2
2595	MCCLYMONDS	MAIN	3	WOMENS	RESTROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2596	MCCLYMONDS	MAIN	3	316	CUSTODIAN		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1

Site: OAKLAND USD															1,87
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2597	MCCLYMONDS	MAIN	3	316B	STORAGE		426	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2598	MCCLYMONDS	MAIN	3	MENS	RESTROOM		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2599	MCCLYMONDS	MAIN	3	303	CLASSROOM		419	27	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	27	30	CEILING SENSOR	1
2600	MCCLYMONDS	MAIN	3	303	STORAGE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2601	MCCLYMONDS	MAIN	3	309	CLASSROOM		419	18	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	1
2602	MCCLYMONDS	MAIN	3	309	CLASSROOM		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2603	MCCLYMONDS	MAIN	3	309	CLASSROOM		420	2	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
2604	MCCLYMONDS	MAIN	3	309	CLASSROOM		421	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	CONTINUE	
2605	MCCLYMONDS	MAIN	3	309	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2606	MCCLYMONDS	MAIN	3	302	OFFICE		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2607	MCCLYMONDS	MAIN	3	301	CLASSROOM		419	27	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	27	30	CEILING SENSOR	1
2608	MCCLYMONDS	MAIN	3	301	STORAGE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2609	MCCLYMONDS	MAIN	3	310	CLASSROOM		419	15	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1
2610	MCCLYMONDS	MAIN	3	311	OFFICE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2611	MCCLYMONDS	MAIN	3	311A	OFFICE		427	1	123	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
2612	MCCLYMONDS	MAIN	3	311B	OFFICE		427	1	123	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
2613	MCCLYMONDS	MAIN	3	311C	OFFICE		427	1	123	Remove Existing "H" fixture and install new 8 foot Fixture on existing pendants using Unistrut	Eaton 8WSL-LD2-80-SPC-UPL8-UNV-L840	1	80	WALL SWITCH SENSOR	1
2614	MCCLYMONDS	MAIN	3	311	WORKROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
2615	MCCLYMONDS	MAIN	3	300	STORAGE		422	2	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
2616	MCCLYMONDS	MAIN	3	312	CLASSROOM		419	15	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1
2617	MCCLYMONDS	MAIN	3	BOYS	RESTROOM		423	3	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	3	17	CEILING SENSOR	1
2618	MCCLYMONDS	MAIN	3	MAIN CORRIDOR	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2619	MCCLYMONDS	MAIN	ALL	MAIN CORRIDOR	STAIR 1		428	6	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		
2620	MCCLYMONDS	MAIN	ALL	MAIN CORRIDOR	STAIR 2		428	6	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		
2621	MCCLYMONDS	MAIN	3	MAIN CORRIDOR	MAIN CORRIDOR		428	19	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	19	60	CEILING SENSOR	7
2622	MCCLYMONDS	MAIN	ALL	MAIN CORRIDOR	CENTER STAIR		428	12	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	12	60		
2623	MCCLYMONDS	MAIN	ALL	MAIN CORRIDOR	ROOF STAIR		425	2	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12		
2624	MCCLYMONDS	MAIN	2	209	CLASSROOM		429	23	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	1
2625	MCCLYMONDS	MAIN	2	MAIN CORRIDOR	CUSTODIAN		425	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2626	MCCLYMONDS	MAIN	2	210	CLASSROOM		419	10	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	10	30	CEILING SENSOR	1
2627	MCCLYMONDS	MAIN	2	211	CLASSROOM		419	15	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1
2628	MCCLYMONDS	MAIN	2	BOYS	RESTROOM		423	3	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	3	17	CEILING SENSOR	1
2629	MCCLYMONDS	MAIN	2	212	CLASSROOM		424	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
2630	MCCLYMONDS	MAIN	2	213	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2631	MCCLYMONDS	MAIN	2	213	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CONTINUE	
2632	MCCLYMONDS	MAIN	2	208	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2633	MCCLYMONDS	MAIN	2	208	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CONTINUE	
2634	MCCLYMONDS	MAIN	2	214	CLASSROOM		424	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
2635	MCCLYMONDS	MAIN	2	215	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2636	MCCLYMONDS	MAIN	2	215	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CONTINUE	
2637	MCCLYMONDS	MAIN	2	207	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2638	MCCLYMONDS	MAIN	2	207	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CONTINUE	
2639	MCCLYMONDS	MAIN	2	206	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2640	MCCLYMONDS	MAIN	2	206	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CONTINUE	
2641	MCCLYMONDS	MAIN	2	216	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2642	MCCLYMONDS	MAIN	2	216	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CONTINUE	
2643	MCCLYMONDS	MAIN	2	WOMENS	RESTROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2644	MCCLYMONDS	MAIN	2	204	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2645	MCCLYMONDS	MAIN	2	204	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CONTINUE	
2646	MCCLYMONDS	MAIN	2	217	CLASSROOM		424	4	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
2647	MCCLYMONDS	MAIN	2	MAIN CORRIDOR	STORAGE		426	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2648	MCCLYMONDS	MAIN	2	MAIN CORRIDOR	CUSTODIAN		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2649	MCCLYMONDS	MAIN	2	218	ENTRY		432	1	31	Retrofit CFL Plug in fixture with (2) new LED PL lamps and replace ballast	Green Creative: 5.5PLS/840/HYB/GX23	1	11	WALL SWITCH SENSOR	1

Site: OAKLAND USD														1,874	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2650	MCCLYMONDS	MAIN	2	218	STORAGE		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2651	MCCLYMONDS	MAIN	2	203	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2652	MCCLYMONDS	MAIN	2	203	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		CONTINUE
2653	MCCLYMONDS	MAIN	2	203	WORKROOM		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2654	MCCLYMONDS	MAIN	2	MENS	RESTROOM		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2655	MCCLYMONDS	MAIN	2	219	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2656	MCCLYMONDS	MAIN	2	219	CLASSROOM		430	3	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60		CONTINUE
2657	MCCLYMONDS	MAIN	2	219	CLASSROOM		433	7	65	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	7	12	CEILING SENSOR	1
2658	MCCLYMONDS	MAIN	2	219	WORKROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2659	MCCLYMONDS	MAIN	2	202	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2660	MCCLYMONDS	MAIN	2	202	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		CONTINUE
2661	MCCLYMONDS	MAIN	2	202	WORKROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2662	MCCLYMONDS	MAIN	2	220	CLASSROOM		424	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
2663	MCCLYMONDS	MAIN	2	221	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2664	MCCLYMONDS	MAIN	2	221	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		CONTINUE
2665	MCCLYMONDS	MAIN	2	201	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2666	MCCLYMONDS	MAIN	2	201	CLASSROOM		430	3	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	3	60		CONTINUE
2667	MCCLYMONDS	MAIN	2	200	CLASSROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2668	MCCLYMONDS	MAIN	2	200	CLASSROOM		430	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		CONTINUE
2669	MCCLYMONDS	MAIN	2	BOYS	RESTROOM		423	3	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	3	17	CEILING SENSOR	1
2670	MCCLYMONDS	MAIN	2	222	WORKROOM		434	6	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CEILING SENSOR	1
2671	MCCLYMONDS	MAIN	2	222B	WORKROOM		434	10	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1
2672	MCCLYMONDS	MAIN	2	222C	WORKROOM		434	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	2
2673	MCCLYMONDS	MAIN	2	222D	WORKROOM		434	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	2
2674	MCCLYMONDS	MAIN	2	222E	TO LIBRARY - HALL		434	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2675	MCCLYMONDS	MAIN	2	223	LIBRARY		434	32	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	32	60	CEILING SENSOR	3
2676	MCCLYMONDS	MAIN	2	223A	WORKROOM		434	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2677	MCCLYMONDS	MAIN	2	223B	WORKROOM		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2678	MCCLYMONDS	MAIN	2	223C	WORKROOM		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2679	MCCLYMONDS	MAIN	2	224	CLASSROOM		419	9	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	CEILING SENSOR	1
2680	MCCLYMONDS	MAIN	2	224	STORAGE		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2681	MCCLYMONDS	MAIN	2	MENS	RESTROOM		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2682	MCCLYMONDS	MAIN	2	MENS	STORAGE		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2683	MCCLYMONDS	MAIN	2	225	CLASSROOM		419	12	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	1
2684	MCCLYMONDS	MAIN	2	225	ENTRY		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2685	MCCLYMONDS	MAIN	2	228	CLASSROOM		419	12	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	1
2686	MCCLYMONDS	MAIN	2	228	ENTRY		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2687	MCCLYMONDS	MAIN	2	227	CLASSROOM		419	12	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	1
2688	MCCLYMONDS	MAIN	2	227	STORAGE		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2689	MCCLYMONDS	MAIN	2	226	CLASSROOM		419	20	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	20	30	CEILING SENSOR	2
2690	MCCLYMONDS	MAIN	2	226	ENTRY		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2691	MCCLYMONDS	MAIN	2	226	ENTRY		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2692	MCCLYMONDS	MAIN	2	226A	WORKROOM		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	2
2693	MCCLYMONDS	MAIN	2	226B	STORAGE		431	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2694	MCCLYMONDS	MAIN	2	226C	STORAGE		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2695	MCCLYMONDS	MAIN	2	WOMENS	RESTROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2696	MCCLYMONDS	MAIN	ALL	MAIN CORRIDOR	STAIR 3		428	4	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	60		
2697	MCCLYMONDS	MAIN	ALL	MAIN CORRIDOR	STAIR 3		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17		
2698	MCCLYMONDS	MAIN	2	MAIN CORRIDOR	MAIN CORRIDOR		430	16	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	16	60	CEILING SENSOR	7
2699	MCCLYMONDS	MAIN	2	MAIN CORRIDOR	MAIN CORRIDOR		430	18	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	18	60	CEILING SENSOR	7
2700	MCCLYMONDS	MAIN	2	MAIN CORRIDOR	LARGE STORAGE - ATTIC AREA		425	2	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12		
2701	MCCLYMONDS	MAIN	2	MAIN CORRIDOR	LARGE STORAGE - ATTIC AREA		422	5	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	5	12		
2702	MCCLYMONDS	MAIN	1	111	CLASSROOM		419	15	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1

Site: OAKLAND USD														14,654	1,870
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2703	MCCLYMONDS	MAIN	1	112	CLASSROOM		419	15	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1
2704	MCCLYMONDS	MAIN	1	110	CLASSROOM		419	15	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1
2705	MCCLYMONDS	MAIN	1	113	STORAGE		435	12	58	Retrofit Eight Foot fixture w/ (1) LED lamp and separate driver	Espen: L96T8/840/24G-EB	12	30	CEILING SENSOR	1
2706	MCCLYMONDS	MAIN	1	113	VAULT		422	2	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12		
2707	MCCLYMONDS	MAIN	1	109	OFFICE		436	4	112	Retrofit w/ (4) LED lamp and (1) separate driver	Espen: L48T8/840/15G-XT N	4	60	WALL SWITCH SENSOR	1
2708	MCCLYMONDS	MAIN	2	GIRLS	RESTROOM		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2709	MCCLYMONDS	MAIN	2	BOYS	RESTROOM		423	3	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	3	17	CEILING SENSOR	1
2710	MCCLYMONDS	MAIN	1	114	CLASSROOM		419	15	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	15	30	CEILING SENSOR	1
2711	MCCLYMONDS	MAIN	1	108	OPEN OFFICE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2712	MCCLYMONDS	MAIN	1	108	OPEN OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60		CONTINUE
2713	MCCLYMONDS	MAIN	1	108A	STORAGE		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2714	MCCLYMONDS	MAIN	1	108B	OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2715	MCCLYMONDS	MAIN	1	108C	OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2716	MCCLYMONDS	MAIN	1	108D	OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2717	MCCLYMONDS	MAIN	1	108E	WORKROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2718	MCCLYMONDS	MAIN	1	107	CLASSROOM		419	18	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	1
2719	MCCLYMONDS	MAIN	1	115	CLASSROOM		419	18	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	1
2720	MCCLYMONDS	MAIN	1	106	CLASSROOM		419	18	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	18	30	CEILING SENSOR	1
2721	MCCLYMONDS	MAIN	1	106	WORKROOM		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2722	MCCLYMONDS	MAIN	1	116	CLASSROOM		419	24	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	24	30	CEILING SENSOR	1
2723	MCCLYMONDS	MAIN	1	116	WORKROOM		424	4	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
2724	MCCLYMONDS	MAIN	1	117	MENS LOCKER		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2725	MCCLYMONDS	MAIN	1	117	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2726	MCCLYMONDS	MAIN	1	117	RESTROOM		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2727	MCCLYMONDS	MAIN	1	105	OPEN OFFICE		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2728	MCCLYMONDS	MAIN	1	105A	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2729	MCCLYMONDS	MAIN	1	105B	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2730	MCCLYMONDS	MAIN	1	105C	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2731	MCCLYMONDS	MAIN	1	105D	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2732	MCCLYMONDS	MAIN	1	105E	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2733	MCCLYMONDS	MAIN	1	105F	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2734	MCCLYMONDS	MAIN	1	105G	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2735	MCCLYMONDS	MAIN	1	105H	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2736	MCCLYMONDS	MAIN	1	105H	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2737	MCCLYMONDS	MAIN	1	105L	OFFICE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2738	MCCLYMONDS	MAIN	1	104	OPEN OFFICE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2739	MCCLYMONDS	MAIN	1	104	OPEN OFFICE		430	4	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	60		CONTINUE
2740	MCCLYMONDS	MAIN	1	105L	104A OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2741	MCCLYMONDS	MAIN	1	118	CLASSROOM		419	9	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	CEILING SENSOR	1
2742	MCCLYMONDS	MAIN	1	118	STORAGE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2743	MCCLYMONDS	MAIN	1	118	STORAGE		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		CONTINUE
2744	MCCLYMONDS	MAIN	1	118	STORAGE		437	1	33	Retrofit Two Foot Fixture w/ (2) LED lamp and separate driver	Espen: L24T8/840/8G-XT N	1	22	CEILING SENSOR	1
2745	MCCLYMONDS	MAIN	1	103	OPEN OFFICE		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2746	MCCLYMONDS	MAIN	1	103	OPEN OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60		CONTINUE
2747	MCCLYMONDS	MAIN	1	103A	OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2748	MCCLYMONDS	MAIN	1	103B	OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2749	MCCLYMONDS	MAIN	1	103C	OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2750	MCCLYMONDS	MAIN	1	103	SERVER		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2751	MCCLYMONDS	MAIN	1	103	SERVER		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2752	MCCLYMONDS	MAIN	1	MAIN OFFICE	OPEN OFFICE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2753	MCCLYMONDS	MAIN	1	MAIN OFFICE	OPEN OFFICE		430	4	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	4	60		CONTINUE
2754	MCCLYMONDS	MAIN	1	MAIN OFFICE	OFFICE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	WALL SWITCH SENSOR	1
2755	MCCLYMONDS	MAIN	1	MAIN OFFICE	STORAGE		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1

Site: OAKLAND USD															1,874
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2756	MCCLYMONDS	MAIN	1	102A	CONFERENCE		430	2	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	2	60	CEILING SENSOR	1
2757	MCCLYMONDS	MAIN	1	102A	OFFICE		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2758	MCCLYMONDS	MAIN	1	102A	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2759	MCCLYMONDS	MAIN	1	134	ELEV LOBBY		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2760	MCCLYMONDS	MAIN	1	134	STORAGE		430	1	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60	WALL SWITCH SENSOR	1
2761	MCCLYMONDS	MAIN	1	134	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	CEILING SENSOR	1
2762	MCCLYMONDS	MAIN	1	MAIN CORRIDOR	STORAGE		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2763	MCCLYMONDS	MAIN	1	MAIN CORRIDOR	STORAGE		426	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2764	MCCLYMONDS	MAIN	1	MAIN OFFICE	OFFICE		419	4	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
2765	MCCLYMONDS	MAIN	1	BOYS	RESTROOM		419	3	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	2
2766	MCCLYMONDS	MAIN	1	BOYS	STORAGE		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2767	MCCLYMONDS	MAIN	1	GIRLS	RESTROOM		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2768	MCCLYMONDS	MAIN	1	GIRLS	RESTROOM		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17		CONTINUE
2769	MCCLYMONDS	MAIN	1	122	OPEN OFFICE		430	18	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	18	60	CEILING SENSOR	2
2770	MCCLYMONDS	MAIN	1	122	STORAGE		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2771	MCCLYMONDS	MAIN	1	123	CLASSROOM		419	23	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	2
2772	MCCLYMONDS	MAIN	1	124	CLASSROOM		419	23	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	23	30	CEILING SENSOR	2
2773	MCCLYMONDS	MAIN	1	124	STORAGE		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2774	MCCLYMONDS	MAIN	1	GIRLS	RESTROOM		424	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	CEILING SENSOR	1
2775	MCCLYMONDS	MAIN	1	GIRLS	RESTROOM		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17		CONTINUE
2776	MCCLYMONDS	MAIN	1	BOYS	RESTROOM		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17	CEILING SENSOR	1
2777	MCCLYMONDS	MAIN	1	CAFETERIA	DINING		438	16	215	Remove Existing High Bay in Gym and install new Surface Mount 2x2 on Ceiling on existing Pendant at 18 feet	RAB: VANLED52NFW	16	54	CEILING SENSOR	4
2778	MCCLYMONDS	MAIN	1	CAFETERIA	SERVING		419	11	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	11	30	CEILING SENSOR	2
2779	MCCLYMONDS	MAIN	1	CAFETERIA	KITCHEN		419	12	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	12	30	CEILING SENSOR	2
2780	MCCLYMONDS	MAIN	1	CAFETERIA	KITCHEN		439	4	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12		
2781	MCCLYMONDS	MAIN	1	KITCHEN	DISHWASH		419	1	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2782	MCCLYMONDS	MAIN	1	KITCHEN	HALL		419	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2783	MCCLYMONDS	MAIN	1	KITCHEN	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2784	MCCLYMONDS	MAIN	1	KITCHEN	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2785	MCCLYMONDS	MAIN	1	KITCHEN	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2786	MCCLYMONDS	MAIN	1	KITCHEN	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2787	MCCLYMONDS	MAIN	1	KITCHEN	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2788	MCCLYMONDS	MAIN	1	KITCHEN	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2789	MCCLYMONDS	MAIN	1	KITCHEN	LOCKER		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2790	MCCLYMONDS	MAIN	1	KITCHEN	RESTROOM		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2791	MCCLYMONDS	MAIN	1	KITCHEN	RECEIVING BAY		426	1	60	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12		
2792	MCCLYMONDS	MAIN	1	RECEIVING BAY	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2793	MCCLYMONDS	MAIN	1	RECEIVING BAY	STORAGE		424	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2794	MCCLYMONDS	MAIN	1	132	WORKROOM		438	6	215	Remove Existing High Bay in Gym and install new Surface Mount 2x2 on Ceiling on existing Pendant at 18 feet	RAB: VANLED52NFW	6	54	CEILING SENSOR	2
2795	MCCLYMONDS	MAIN	1	AUDITORIUM	SEATING		440	54	150	No Retrofit	0	54	150		
2796	MCCLYMONDS	MAIN	1	AUDITORIUM	SEATING		441	17	150	No Retrofit	0	17	150		
2797	MCCLYMONDS	MAIN	1	AUDITORIUM	SEATING		442	2	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12		
2798	MCCLYMONDS	MAIN	1	AUDITORIUM	STAGE		443	133	60	No Retrofit	0	133	60		
2799	MCCLYMONDS	MAIN	1	AUDITORIUM	STAGE		425	3	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12		
2800	MCCLYMONDS	MAIN	1	AUDITORIUM	STAGE		431	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2801	MCCLYMONDS	MAIN	1	BEHIND STAGE	CLASSROOM		444	6	109	Retrofit Eight Foot fixture w/ (2) LED lamp and separate driver	Espen: L96T8/840/24G-EB	6	60	CEILING SENSOR	1
2802	MCCLYMONDS	MAIN	1	BEHIND STAGE	DRESSING ROOM		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2803	MCCLYMONDS	MAIN	1	DRESSING ROOM	RESTROOM		422	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2804	MCCLYMONDS	MAIN	1	DRESSING ROOM	STORAGE		425	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2805	MCCLYMONDS	MAIN	1	DRESSING ROOM	HALL		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	2
2806	MCCLYMONDS	MAIN	1	DRESSING ROOM	HALL		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30		CONTINUE
2807	MCCLYMONDS	MAIN	1	COMMUNITY ROOM	CLASSROOM		419	8	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	8	30	CEILING SENSOR	2
2808	MCCLYMONDS	MAIN	1	COMMUNITY ROOM	STORAGE		425	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1

Site: OAKLAND USD															1,871
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2809	MCCLYMONDS	MAIN	1	MAIN CORRIDOR	LOBBY		445	9	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	9	30	CEILING SENSOR	2
2810	MCCLYMONDS	MAIN	1	MAIN CORRIDOR	LOBBY		446	4	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		CONTINUE
2811	MCCLYMONDS	MAIN	1	MAIN CORRIDOR	MAIN CORRIDOR		447	47	99	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	47	60	CEILING SENSOR	16
2812	MCCLYMONDS	MAIN	1	MAIN CORRIDOR	DISPLAY CASES		448	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
2813	MCCLYMONDS	GYM	1	GYM	GYM		449	30	296	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB:HAYBAY150N/D10/LOSR R16AR GDB16	30	148	ATTACHED	30
2814	MCCLYMONDS	GYM	1	GIRLS	HALL		450	8	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	8	12	CEILING SENSOR	1
2815	MCCLYMONDS	GYM	1	GIRLS	EQUIPMENT STORAGE		431	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1
2816	MCCLYMONDS	GYM	1	GIRLS	SERVER		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2817	MCCLYMONDS	GYM	1	GIRLS	RESTROOM		451	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2818	MCCLYMONDS	GYM	1	GIRLS	EQUIPMENT STORAGE		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17	WALL SWITCH SENSOR	1
2819	MCCLYMONDS	GYM	1	GIRLS	EQUIPMENT STORAGE		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17	WALL SWITCH SENSOR	1
2820	MCCLYMONDS	GYM	1	GIRLS	OFFICE		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2821	MCCLYMONDS	GYM	1	GIRLS	HALL		450	2	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
2822	MCCLYMONDS	GYM	1	GIRLS	STORAGE		425	1	23	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2823	MCCLYMONDS	GYM	1	GIRLS	RESTROOM		451	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2824	MCCLYMONDS	GYM	1	GIRLS	LOCKER ROOM		452	40	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	40	12	CEILING SENSOR	8
2825	MCCLYMONDS	GYM	1	GIRLS	CUSTODIAN		423	1	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	1	17	WALL SWITCH SENSOR	1
2826	MCCLYMONDS	GYM	1	GIRLS	EQUIPMENT STORAGE		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17	WALL SWITCH SENSOR	1
2827	MCCLYMONDS	GYM	1	GIRLS	HALL		431	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CEILING SENSOR	1
2828	MCCLYMONDS	GYM	1	GIRLS	EQUIPMENT STORAGE		452	1	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2829	MCCLYMONDS	GYM	1	GIRLS	EQUIPMENT STORAGE		452	1	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2830	MCCLYMONDS	GYM	1	GYM	AEROBICS		453	12	295	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB: HAYBAY100N/D10/LOSR R16SPF GDB16	12	102	ATTACHED	12
2831	MCCLYMONDS	GYM	1	GYM	WEIGHT ROOM		453	12	295	Remove Existing High Bay in Gym and install new high bay on existing Pendant at 25-35 feet	RAB: HAYBAY100N/D10/LOSR R16SPF GDB16	12	102	ATTACHED	12
2832	MCCLYMONDS	GYM	1	GYM	TEAM ROOM		431	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	WALL SWITCH SENSOR	1
2833	MCCLYMONDS	GYM	1	BOYS	HALL		450	8	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	8	12	CEILING SENSOR	1
2834	MCCLYMONDS	GYM	1	BOYS	EQUIPMENT STORAGE		431	5	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	5	30	CEILING SENSOR	1
2835	MCCLYMONDS	GYM	1	BOYS	SERVER		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2836	MCCLYMONDS	GYM	1	BOYS	RESTROOM		451	2	50	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2837	MCCLYMONDS	GYM	1	BOYS	EQUIPMENT STORAGE		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17	WALL SWITCH SENSOR	1
2838	MCCLYMONDS	GYM	1	BOYS	EQUIPMENT STORAGE		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17	WALL SWITCH SENSOR	1
2839	MCCLYMONDS	GYM	1	BOYS	OFFICE		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2840	MCCLYMONDS	GYM	1	BOYS	HALL		450	1	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	1	12	WALL SWITCH SENSOR	1
2841	MCCLYMONDS	GYM	1	BOYS	RESTROOM		431	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	CEILING SENSOR	1
2842	MCCLYMONDS	GYM	1	BOYS	LOCKER ROOM		452	25	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	25	12	CEILING SENSOR	6
2843	MCCLYMONDS	GYM	1	BOYS	SHOWERS		452	5	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	5	12		
2844	MCCLYMONDS	GYM	1	BOYS	CUSTODIAN		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2845	MCCLYMONDS	GYM	1	BOYS	EQUIPMENT STORAGE		452	2	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	2	12	WALL SWITCH SENSOR	1
2846	MCCLYMONDS	GYM	1	BOYS	EQUIPMENT STORAGE		423	2	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	2	17	WALL SWITCH SENSOR	1
2847	MCCLYMONDS	GYM	1	BOYS	EQUIPMENT STORAGE		431	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2848	MCCLYMONDS	GYM	1	BOYS	EQUIPMENT STORAGE		431	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30	WALL SWITCH SENSOR	1
2849	MCCLYMONDS	GYM	1	BOYS	HALL		423	3	48	Enertron LED Retrofit Kit in Existing CFL Fixture	Enertron: LEDRET4X6	3	17	CEILING SENSOR	1
2850	MCCLYMONDS	GYM	1	EXTERIOR	MECHANICAL ROOM		448	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	WALL SWITCH SENSOR	1
2851	MCCLYMONDS	GYM	1	EXTERIOR	MECHANICAL ROOM		448	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	WALL SWITCH SENSOR	1
2852	MCCLYMONDS	GYM	1	EXTERIOR	MECHANICAL ROOM		448	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	WALL SWITCH SENSOR	1
2853	MCCLYMONDS	YOUTH & FAMILY CENTER	1	OPEN OFFICE	OPEN OFFICE		454	17	95	Retrofit HID fixture with (1) LED A Lamp, Bypass Ballast	Green Creative: HID LED 25W 277V E26	17	25	CEILING SENSOR	4
2854	MCCLYMONDS	YOUTH & FAMILY CENTER	1	OPEN OFFICE	OFFICE		431	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	WALL SWITCH SENSOR	1
2855	MCCLYMONDS	YOUTH & FAMILY CENTER	1	DIRECTOR	OFFICE		455	4	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	45	CEILING SENSOR	1
2856	MCCLYMONDS	YOUTH & FAMILY CENTER	1	MULTIPURPOSE	OPEN OFFICE		456	6	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45	WALL SWITCH SENSOR	1
2857	MCCLYMONDS	YOUTH & FAMILY CENTER	1	6	OFFICE		456	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45	WALL SWITCH SENSOR	1
2858	MCCLYMONDS	YOUTH & FAMILY CENTER	1	7	OPEN OFFICE		456	6	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	45	WALL SWITCH SENSOR	1
2859	MCCLYMONDS	YOUTH & FAMILY CENTER	1	MENS	RESTROOM		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2860	MCCLYMONDS	YOUTH & FAMILY CENTER	1	WOMENS	RESTROOM		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2861	MCCLYMONDS	YOUTH & FAMILY CENTER	1	10	KITCHEN		456	4	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	45	WALL SWITCH SENSOR	1

Site: OAKLAND USD															1,870
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2862	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	LOBBY		457	6	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CEILING SENSOR	1
2863	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	CONFERENCE		458	3	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	45	CEILING SENSOR	1
2864	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	HALL		457	6	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60		
2865	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	EXAM 1		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2866	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	EXAM 2		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2867	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	EXAM 3		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2868	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	EXAM 4		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2869	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 1		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2870	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 2		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2871	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 3		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2872	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 4		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2873	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 5		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2874	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	RESTROOM		459	1	26	Retrofit Three Foot Fixture w/ (1) LED lamp and separate driver	Espen: L36T8/840/11G-XT N	1	14		
2875	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	RESTROOM		460	1	26	Retrofit Three Foot Fixture w/ (1) LED lamp and separate driver, Install Emergency Battery	Espen: L36T8/840/11G-XT N	1	14		
2876	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	LAB		458	4	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	45		
2877	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 6		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2878	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 7		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2879	MCCLYMONDS	YOUTH & FAMILY CENTER	1	HEALTH CENTER	OFFICE 8		458	2	89	Retrofit w/ (3) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	45		
2880	MCCLYMONDS	YOUTH & FAMILY CENTER	1	WOODSHOP	WOODSHOP		461	25	109	Retrofit Eight Foot fixture w/ (2) LED lamp and separate driver	Espen: L96T8/840/24G-EB	25	60		
2881	MCCLYMONDS	YOUTH & FAMILY CENTER	1	WOODSHOP	STORAGE		431	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30		
2882	MCCLYMONDS	YOUTH & FAMILY CENTER	1	WOODSHOP	STORAGE		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2883	MCCLYMONDS	YOUTH & FAMILY CENTER	1	WOODSHOP	STORAGE		431	1	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	1	30	WALL SWITCH SENSOR	1
2884	MCCLYMONDS	YOUTH & FAMILY CENTER	1	WOODSHOP	CLASSROOM		462	10	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	10	60	CEILING SENSOR	1
2885	MCCLYMONDS	YOUTH & FAMILY CENTER	1	EXTERIOR	STREET SIDE PERIMETER ATTACHED		463	1	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISKXL24N/PCU	1	25		
2886	MCCLYMONDS	MAIN	1	EXTERIOR	STREET SIDE PERIMETER ATTACHED		464	3	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12		
2887	MCCLYMONDS	MAIN	1	EXTERIOR	STREET SIDE PERIMETER ATTACHED		464	4	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	4	12		
2888	MCCLYMONDS	MAIN	1	EXTERIOR	STREET SIDE PERIMETER ATTACHED		465	2	31	Remove Existing Wall Pack and install (1) New LED Wall pack	Enertron: 71LED2X6-40	2	10		
2889	MCCLYMONDS	YOUTH & FAMILY CENTER	1	EXTERIOR	PARKING LOT SIDE PERIMETER ATTACHED		466	11	95	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	11	23		
2890	MCCLYMONDS	YOUTH & FAMILY CENTER	1	EXTERIOR	PARKING LOT SIDE PERIMETER ATTACHED		474	1	465	Remove Existing Floodlight and install (1) New LED Slip Fitter Floodlight	RAB: FXLED150SF	1	154		
2891	MCCLYMONDS	MAIN	1	EXTERIOR	PARKING LOT SIDE PERIMETER ATTACHED		464	3	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	3	12		
2892	MCCLYMONDS	CAFETERIA	1	EXTERIOR	CANOPY WALKWAY		466	6	95	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	6	23		
2893	MCCLYMONDS	CAFETERIA	1	EXTERIOR	PERIMETER ATTACHED		464	6	26	Retrofit Incandescent fixture with (1) LED A Lamp	Green Creative: 12A19G4DIM/830/R	6	12		
2894	MCCLYMONDS	GYM	1	EXTERIOR	PERIMETER ATTACHED		465	2	31	Remove Existing Wall Pack and install (1) New LED Wall pack	Enertron: 71LED2X6-40	2	10		
2895	MCCLYMONDS	GYM	1	EXTERIOR	CANOPY WALKWAY		466	1	95	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED20NFFR	1	23		
2896	MCCLYMONDS	GYM	1	EXTERIOR	CANOPY WALKWAY		467	3	138	Remove Existing Canopy Fixture and install (1) New LED Canopy Fixture	RAB: VANLED40NFFRW	3	39		
2897	MCCLYMONDS	GYM	1	EXTERIOR	PERIMETER ATTACHED		463	2	37	Remove Existing Wall Pack and install (1) New LED Wall pack	RAB: BRISKXL24N/PCU	2	25		
2898	MCCLYMONDS	GYM	1	EXTERIOR	PERIMETER ATTACHED		465	4	31	Remove Existing Wall Pack and install (1) New LED Wall pack	Enertron: 71LED2X6-40	4	10		
2899	MCCLYMONDS	FOOTBALL FIELD	1	EXTERIOR	SPORTS POLES		468	52	458	No Retrofit	0	52	458		
2900	MCCLYMONDS	FOOTBALL FIELD	1	EXTERIOR	ANNOUNCERS BOOTH		431	6	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	6	30	CEILING SENSOR	1
2901	MCCLYMONDS	SWIMMING POOL	1	EXTERIOR	SWIMMING POOL POLES		469	5	458	Remove Existing Floodlight and install (1) New Floodlight	RAB: FXLED300SFV/PCT	5	300		
2902	MCCLYMONDS	SWIMMING POOL	1	EXTERIOR	POOL SIDE PERIMETER TOWARDS ROOF		470	2	458	Remove Existing Floodlight and install (1) New Floodlight	RAB: FXLED300SFV/PCT	2	300		
2903	MCCLYMONDS	SWIMMING POOL	1	EXTERIOR	STREET SIDE PERIMETER ATTACHED		465	2	31	Remove Existing Wall Pack and install (1) New LED Wall pack	Enertron: 71LED2X6-40	2	10		
2904	MCCLYMONDS	SWIMMING POOL	1	EXTERIOR	PUMP ROOM		471	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2905	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	HALL TO RESTROOM		472	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60		
2906	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	RESTROOM		472	6	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CEILING SENSOR	2
2907	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	RESTROOM		471	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CONTINUE	
2908	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	LOBBY		431	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
2909	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	OFFICE		431	4	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	4	30	CEILING SENSOR	1
2910	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	HALL TO RESTROOM		472	1	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	1	60		
2911	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	RESTROOM		472	6	112	Two fixtures tandem Retrofit w/ (2) LED lamp and separate driver each	Espen: L48T8/840/15G-XT N	6	60	CEILING SENSOR	2
2912	MCCLYMONDS	SWIMMING POOL	1	SWIMMING POOL	RESTROOM		471	3	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	3	30	CONTINUE	
2913	MCCLYMONDS	SWIMMING POOL	1	EXTERIOR	MECHANICAL ROOM		471	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		
2914	MCCLYMONDS	SWIMMING POOL	1	EXTERIOR	MECHANICAL ROOM		471	2	59	Retrofit w/ (2) LED lamp and separate driver	Espen: L48T8/840/15G-XT N	2	30		

Site: OAKLAND USD														1,870	
Line	Site	Bldg	Floor	Suite	Detailed Area Description	Map ID	Fixture Identification Number	Total Qty	Existing Fixture Watts	Proposed Retrofit	Proposed Materials	Proposed Qty	Proposed Fixture Watts	Proposed Sensor Type	Proposed Sensor Quantity
2915	MCCLYMONDS	BASKETBALL COURT	1	EXTERIOR	BASKETBALL COURT POLES		473	4	150	No Retrofit	0	4	150		
2916	MCCLYMONDS	PARKING LOT	1	EXTERIOR	PARKING LOT		473	6	150	No Retrofit	0	6	150		
2917	MCCLYMONDS	QUAD	1	EXTERIOR	QUAD		475	4	34	No Retrofit	0	4	34		

RESERVED FOR INSERTION OF
ATTACHMENT 1 TO EXHIBIT "B"
Detailed Lighting Scope of Work

Exhibit "C"
General Conditions

1. DEFINITIONS

For purposes of the Agreement and its Exhibits, defined terms will have the following meanings:

"Abnormally Severe Weather Conditions" means typhoons, hurricanes, tornadoes, lightning storms and other climatic and weather conditions that are abnormally severe for the period of time when, and the area where, such storms or conditions occur, in each case occurring at a property, the access roads to a property, or any other location where Work or Services are then being performed. The term "Abnormally Severe Weather Conditions" specifically includes rain, snow or sleet in excess of one hundred fifty percent (150%) of the median level over the preceding ten (10) year period for the local geographic area and time of year in which such rain, snow or sleet accumulates.

"Applicable Law" means any statute, law, treaty, building code, rule, regulation, ordinance, code, enactment, injunction, writ, order, decision, authorization, judgment, decree, protocol, procedure or other legal or regulatory determination or restriction by a court or Governmental Authority of competent jurisdiction, as may be in effect at the time the Work or Services are undertaken.

"Applicable Permits" means all permits, approvals, inspections and certifications required to be issued by any Governmental Authority in connection with the Services or the building, installation and start-up of the Work as of the Contract Effective Date.

"Beneficial Use" means when major new equipment and systems included in the Scope of Work are properly installed, inspected, operational, and are capable of being used for their intended purpose. Criteria for Beneficial Use of equipment / systems will be established as defined in Exhibit B.

"Business Day" means any calendar day other than a Saturday, a Sunday or a calendar day on which banking institutions in Oakland, California, are authorized or obligated by law or executive order to be closed.

"CEQA" means the California Environmental Quality Act, codified at California Public Resource Code § 21000 *et seq.*, and the applicable state and local guidelines promulgated thereunder.

"Certificate of Final Completion" means the certificate issued by Design-Builder to District, in accordance with Paragraph 5(b) below. A Certificate of Final Completion may be executed for an individual Project Site, an individual ECM, or the entire Work.

"Certificate of Substantial Completion" means the certificate issued by Design-Builder to District, in accordance with Paragraph 5(a) below. A Certificate of Substantial Completion may be executed for an individual Project Site, an individual ECM, or the entire Work.

"Change" means any addition to, deletion from, suspension of, or other modification to the quality, function, or intent of the Work or Services.

"Change in Law" means any of the following events or circumstances occurring after the Contract Effective Date: (i) an amendment, modification, interpretation, construction, enforcement standard, supplement or other change in or repeal of an existing Applicable Law; or (ii) an enactment or making of a new Applicable Law (excluding a change in any income or franchise

tax law, worker's compensation, payroll or withholding tax law), either of which have a material impact on the Scope of Work.

"Change Order" means a written document, signed by both Parties authorizing Design-Builder to perform a Change. The Change Order must identify: (i) the applicable Change; (ii) any change to the Total Contract Price resulting from the Change; and (iii) any extension of the Contract Time resulting from the Change.

"Construction" means any and all Work to be performed that involves construction, alteration, repair, installation or removal of equipment, addition to, subtraction from, improving, moving, wrecking or demolishing any building, parking facility, excavation, or other structure or improvement, or any part thereof.

"Construction Documents" means the final designs, drawings, specifications and submittals that are used for Construction, and any Change Orders affecting those documents, that describe the technical requirements for the installation of all the materials and equipment pursuant to the Agreement.

"Excusable Event" means an act, event, occurrence, condition or cause beyond the control of Design-Builder which materially impacts the cost of or the time required to complete the Work and which could not have been avoided or mitigated by the exercise of due diligence, including, but not limited to, the following: (i) any act or failure to act of, or other delay caused by the District or a Governmental Authority; (ii) changes in the design, scope or schedule of the Work required by any Governmental Authority or District, if not due to the failure of Design-Builder to meet the requirements of the Agreement; (iii) undisclosed or unforeseen conditions encountered at the Project Site; (iv) any Change in Law; (v) acts of God, terrorists or the public enemy; (vi) flood, earthquake, tornado, storm, fire, explosions, landslide or similar cataclysmic occurrence; (vii) sabotage, vandalism, riots or civil disobedience; (viii) labor disputes or strikes; (ix) labor or material shortages, delay in manufacturing and deliveries of equipment; (x) Abnormally Severe Weather Conditions; and (xi) power outage at a Site.

"Final Completion" means the stage in the progress of the Work at which the Construction Work as identified in the Scope of Work, or a designated portion thereof, has been completed and commissioned, including completion of all Punch List items, completion of all required training, and delivery to District of the final documentation (as-built drawings, operation and maintenance manuals, warranty documentation and final submittals).

"Governmental Authority" means any federal, state, regional, town, county, city, municipal or local government agency, department or regulatory body having jurisdiction under Applicable Law over the matter in question.

"Hazardous Substances" means (i) any hazardous, toxic, or dangerous wastes, substances, chemicals, constituents, contaminants, pollutants, and materials and any other carcinogenic, liquids, corrosive, ignitable, radioactive, reactive, toxic, or otherwise hazardous substances or mixtures (whether solids, liquids, gases) now or at any time subject to regulation, control, remediation, or otherwise addressed under Applicable Laws; (ii) any "hazardous substance" as defined by the Resource, Conservation and Recovery Act of 1976 (42 U.S.C. §6901 *et seq.*), as amended, and regulations promulgated thereunder; (iii) any "hazardous, toxic or dangerous waste, substance or material" specifically defined as such in 42 U.S.C. §9601 *et seq.*), as amended and regulations promulgated thereunder; and (iv) any hazardous, toxic or dangerous waste, substance, or material as defined in any so-called "superfund" or "superlien" law.

"Punch List" means, with respect to any portion of the Work, a list of minor corrective items which need to be completed or corrected in order to complete such portion of the Work, but do not impair District's ability to beneficially operate and utilize such portion of the Work.

"Scope of Work" means the Work set forth in Exhibits B, as modified by any Change Order.

"Substantial Completion" means the stage in the progress of the Work at which the Work, or a designated portion thereof, is sufficiently complete, in conformance with the Scope of Work, the Construction Documents and any Change Orders, so that District can take Beneficial Use thereof.

2. **Minor Changes to Scope of Work.** Design-Builder has the authority to make minor changes that do not change the Total Contract Price and are consistent with the intent of the Construction Documents, only with prior notice to District detailing the requested change(s), and with District's written approval before the minor changes are performed. For any such minor changes performed without District written approval, Design-Builder may be required by District to correct the Work at no extra cost to the District. Design-Builder will make available to District at the site a set of as-built drawings that will be kept current to show those minor changes.

3. **Hazardous Substances.** Design-Builder will promptly provide written notice to District if Design-Builder observes any Hazardous Substance, as defined herein, at or around the Project Site(s) during the course of construction or installation of any equipment which have not been addressed as part of the Scope of Work. Design-Builder will not disturb any such Hazardous Substance, and District will determine whether to proceed with the Work affected, and if so, the appropriate removal and remediation measures. Both Parties will comply with all Applicable Laws in connection with the use, handling, and disposal of any Hazardous Substances.

4. **Pre-Existing Conditions.** Certain pre-existing conditions may be present within the Project Site(s) that (i) are non-compliant with applicable codes, (ii) may become non-compliant with applicable codes upon completion of Design-Builder's Work, (iii) may cause Design-Builder's completed Work to be non-compliant with applicable codes, (iv) may prevent District from realizing the full benefits of Design-Builder's Work, (v) may present a safety or equipment hazard, or (vi) are otherwise outside the scope of Design-Builder's Work. Design-Builder will not be responsible for repairing such pre-existing conditions unless responsibility is expressly provided for in the Scope of Work or an approved Change Order.

5. **Project Completion.**

a. **Substantial Completion.** When Design-Builder considers the Work, or any portion thereof, to be Substantially Complete, Design-Builder will supply to District a written Certificate of Substantial Completion with respect to such portion of the Work, including a Punch List of items and the time for their completion or correction. District will within ten (10) Business Days of receipt of the Certificate of Substantial Completion, review such portion of the Work for the sole purpose of determining that it is Substantially Complete, and if District concurs that the Work is Substantially Complete, sign and return the Certificate of Substantial Completion to Design-Builder acknowledging and agreeing: (i) that such portion of the Work is Substantially Complete; (ii) the date of such Substantial Completion; (iii) that from the date of Substantial Completion District will assume responsibility for the security of, insurance coverage for, maintenance, utilities for, and damage to or destruction of such portion of the Work. District agrees that approval of a Certificate of Substantial Completion will not be unreasonably withheld, delayed or conditioned.

b. **Final Completion.** When Design-Builder considers the entirety of the Work to be Finally Complete, Design-Builder will notify District that the Work is fully complete and ready for final inspection. District will inspect the Work to verify the status of Final Completion within ten (10) Business Days after its receipt of Design-Builder's certification that the Work is complete. When District agrees that the Work is fully completed, Design-Builder will issue a Certificate of Final Completion, which District must sign. District agrees that its signing of the Certificate of Final

Completion will not be unreasonably withheld, delayed or conditioned. At that time, District will pay Design-Builder any remaining Total Contract Price due and any outstanding Retention being withheld by District, in accordance with Section 11 of the Agreement. District may give Design-Builder written notice of acceptance of the Work and will promptly record a notice of completion or notice of acceptance in the office of the county recorder in accordance with California Civil Code §9204.

6. **Transfer of Title; Risk of Loss.** Title to all or a portion of the Project equipment, supplies and other components of the Construction Work will pass to District upon the earlier of (i) the date payment for such Project equipment, supplies or components is made by District or (ii) the date any such items are incorporated into the Project Site. Design-Builder will retain care, custody and control and risk of loss of such Project equipment, supplies and components until the earlier of Beneficial Use or Substantial Completion. Transfer of title to District will in no way affect District's and Design-Builder's rights and obligations as set forth in other provisions of the Contract.

7. **Excusable Events.** If any Party is delayed in, or prevented from, performing or carrying out its obligations under this Agreement by reason of any Excusable Event, such circumstance will not constitute an Event of Default, and such Party will be excused from performance hereunder and will not be liable to the other Party for or on account of any loss, damage, injury or expense resulting from, or arising out of, such delay or prevention. A Change Order for additional compensation and/or an extension of the Contract Time, as applicable, will be agreed to by the Parties following an Excusable Event.

Exhibit "D"
Special Conditions

1. Project Site Requirements

1.1 Access. Access to the school buildings and entry to buildings, classrooms, restrooms, mechanical rooms, electrical rooms, or other rooms, for construction purposes, must be coordinated with District and onsite District personnel before Work is to start. Unless agreed to otherwise in writing, only a school custodian will be allowed to unlock and lock doors in existing building(s). The custodian will be available only while school is in session. If a custodian is required to arrive before 7:00 a.m. or leave after 3:30 p.m. to accommodate Design-Builder's Work, the overtime wages for the custodian will be paid by the Design-Builder, unless at the discretion of the District, other arrangements are made in advance.

1.2 Keys. Upon request, the District may, at its own discretion, provide keys to the school site for the convenience of the Design-Builder. The Design-Builder agrees to pay all expenses to re-key the entire school site and all other affected District buildings if the keys are lost or stolen, or if any unauthorized party obtains a copy of the key or access to the school.

1.3 Maintaining Services. The Design-Builder is advised that Work is to be performed in spaces regularly scheduled for instruction. Interruption and/or periods of shutdown of public access, electrical service, water service, lighting, or other utilities shall be only as arranged in advance with the District. Design-Builder shall provide temporary services to all facilities interrupted by Design-Builder's Work.

1.4 Maintaining Utilities. The Design-Builder shall maintain in operation during duration of Contract, drainage lines, storm drains, sewers, water, gas, electrical, steam, and other utility service lines within working area.

1.5 Confidentiality. Design-Builder shall maintain the confidentiality of all information, documents, programs, procedures and all other items that Design-Builder encounters while performing the Work. This requirement shall be ongoing and shall survive the expiration or termination of this Agreement and specifically includes, without limitation, all student, parent, and employee disciplinary information and health information.

1.6 Work during Instructional Time. By submitting its bid, Design-Builder affirms that Work may be performed during ongoing instruction in existing facilities. If so, Design-Builder agrees to cooperate to the best of its ability to minimize any disruption to school operations and any use of school facilities by the public up to, and including, rescheduling specific work activities, at no additional cost to District.

1.7 No Work during Student Testing. Design-Builder shall, at no additional cost to the District and at the District's request, coordinate its Work to not disturb District students including, without limitation, not performing any Work when students at the Site are taking State or Federally-required tests.

2. Badge Policy for Design-Builder and All Contractors

Design-Builder and all Contractors (hereinafter "Contractor" or "Contractors") doing work for the District will provide their workers with identification badges. These badges will be worn by all members of the Contractor's staff who are working in a District facility.

2.1 Badges must be filled out in full and contain the following information:

2.1.1 Name of Contractor

2.1.2 Name of Employee

2.1.3 Contractor's address and phone number

2.2 Badges are to be worn when the Contractor or his/her employees are on site and must be visible at all times. Contractors must inform their employees that they are required to allow District employees, the Architect, the Construction Manager, the Program Manager, or the Project Inspector to review the information on the badges upon request.

2.3 Continued failure to display identification badges as required by this policy may result in the individual being removed from the Project or assessment of fines against the Contractor.

3. Substitution for Specified Items

3.1 Whenever in the Specifications any materials, process, or article is indicated or specified by grade, patent, or proprietary name, or by name of manufacturer, that Specification shall be deemed to be followed by the words "or equal." Design-Builder may, unless otherwise stated, offer any material, process, or article that shall be substantially equal or better in every respect to that so indicated or specified.

3.1.1 If the material, process, or article offered by Design-Builder is not, in the opinion of the District, substantially equal or better in every respect to that specified, then Design-Builder shall furnish the material, process, or article specified in the Specifications without any additional compensation or change order.

3.1.2 This provision shall not be applicable with respect to any material, product, thing or service for which District made findings and gave notice in accordance with Public Contract Code section 3400(c); therefore, Design-Builder shall not be entitled to request a substitution with respect to those materials, products or services.

3.2 A request for a substitution shall be submitted within thirty-five (35) days of the date of Board approval of the Agreement, within which time, Design-Builder shall provide data substantiating a request for substitution of "an equal" item, including but not limited to the following:

3.2.1 All variations of the proposed substitute from the material specified including, but not limited to, principles of operation, materials, or construction finish, thickness or gauge of materials, dimensions, weight, and tolerances;

3.2.2 Available maintenance, repair or replacement services;

3.2.3 Increases or decreases in operating, maintenance, repair, replacement, and spare parts costs;

3.2.4 Whether or not acceptance of the substitute will require other changes in the Work (or in work performed by the District or others under Contract with the District); and

3.2.5 The time impact on any part of the Work resulting directly or indirectly from acceptance of the proposed substitute.

3.3 No substitutions shall be made until approved, in writing, by the District. The burden of proof as to equality of any material, process, or article shall rest with Design-Builder. The Design-Builder warrants that if substitutes are approved:

3.3.1 The proposed substitute is equal or superior in all respects to that specified, and that such proposed substitute is suitable and fit for the intended purpose and will perform adequately the function and achieve the results called for by the general design and the Contract Documents;

3.3.2 The Design-Builder provides the same warranties and guarantees for the substitute that would be provided for that specified;

3.3.3 The Design-Builder shall be fully responsible for the installation of the substitute and any changes in the Work required, either directly or indirectly, because of the acceptance of such substitute, with no increase in Contract Price or Contract Time. Incidental changes or extra component parts required to accommodate the substitute will be made by the Design-Builder without a change in the Contract Price or Contract Time;

3.3.4 The Design-Builder shall be responsible for any re-design costs occasioned by District's acceptance and/or approval of any substitute; and

3.3.5 The Design-Builder shall, in the event that a substitute is less costly than that specified, credit the District with one hundred percent (100%) of the net difference between the substitute and the originally specified material. In this event, the Design-Builder agrees to execute a deductive Change Order to reflect that credit.

3.4 In the event Design-Builder furnishes a material, process, or article more expensive than that specified, the difference in the cost of that material, process, or article so furnished shall be borne by Design-Builder.

3.5 In no event shall the District be liable for any increase in Contract Price or Contract Time due to any claimed delay in the evaluation of any proposed substitute or in the acceptance or rejection of any proposed substitute.

3.6 *Intentionally deleted.*

4. Project Labor Agreement/Payroll Records

The District has entered into a Project Labor Agreement ("PLA"), which covers this Project. Accordingly, the following provision is added as Section 46.2.2:

46.2.1As Design-Builder and its subcontractors have agreed to be bound by the terms of the PLA entered into by the District on or about September 28, 2016, and attached to the Agreement as Exhibit "G". Design-Builder and its subcontractors may be excused from uploading CPRs electronically using DIR's eCPR System by uploading the CPRs by electronic XML file or entering each record manually using the DIR's iform (or current form) online at <http://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html> , or by using a more current application and URL. However, within ten (10) days of any request by the District or Labor Commissioner, Design-Builder and its subcontractors shall provide CPRs showing the name, address, social security number, work classification, straight time, and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by the Design-Builder and/or each subcontractor in connection with the Work.

5. **Subcontractors.**

Authority to Subcontract pursuant to District's L/SL/SLRBE Program. Design-Builder may delegate its duties and performance under the Agreement, and has the right to enter into agreements with any subcontractors and other service or material providers as Design-Builder may select in its discretion to perform the Work, so long as Design-Builder complies with the District's Local, Small Local and Small Local Resident Business Enterprise Program ("L/SL/SLRBE Program"). Design-Builder shall be required to comply with the District L/SL/SLRBE Program, which terms and requirements are in the District's 2014 Amendment to Local Business Participation Policy, which is incorporated herein by this reference, but Design-Builder shall not otherwise be required to enter into any subcontracts with parties whom Design-Builder has not selected or subcontractors whom Design-Builder has objection to using.

[END OF EXHIBIT]

Exhibit "E"
Scope of Education Services

EDUCATION SERVICES PROVIDED

From the Contract Effective Date through December 2021 or completion of all Services under the Agreement, whichever comes later, ENGIE Services U.S. Inc. will provide the following educational services to Oakland Unified School District:

ENGIE Services U.S.'s Education Manager will work with District academic staff to customize the Education Services program to the District's needs. Scope of services includes the following:

Engineer Shadowing

ENGIE Services U.S. engineers will be on select district campuses to collect data, photos, etc. One class of students at a time can accompany the onsite engineer as s/he completes work which may include counting fixtures, taking measurements, and using engineering tools to gather site-specific data. Students can participate in the work, ask questions, etc. Real world based classroom extensions to build on the students' experience with the engineers will be provided:

- One (1) visit of ninety (90) minutes to each of the fourteen (14) district campuses at which ENGIE Services U.S. is completing energy work for a total of fourteen (14) site visits over twenty-one (21) hours
- Electronic and up to fourteen (14) printed copies of accompanying real-world lessons

Hands-On Lighting Technology Kits

Activity sets are supplied for hands-on learning engagements with specific grade levels and curriculum tied to Common Core State Standards and Next Generation Science Standards. The kits include a variety of grade-appropriate equipment for conducting relevant experiments, as well as lesson plan guides for the teacher. The kits will supply a classroom set for 36 students working in teams. These kits can be used to look at lighting technologies, the evolution and engineering of the technologies, energy efficiency, etc.

- Three (3) classroom sets of lighting technology activities for grades 6-8
- One (1) professional development session of two (2) hours in length

ENGIE Services U.S. Engineering Project Awards

ENGIE Services U.S. will provide awards in seven categories for student projects in the high school engineering pathway. These year-end awards will be chosen by ENGIE Services U.S. staff who will review student projects and teacher recommendations to make their final decision.

- A total of twenty-one (21) awards over three (3) years; seven (7) awards per year
- Seven (7) students per year will receive a physical award and an electronic copy of a certificate, facilitating easy inclusion on college applications

Online STEM Lesson and Assessment Resources

ENGIE Services U.S. will provide online resources that include interdisciplinary projects focusing on science, technology, engineering, and math and are aligned with Common Core State Standards, Next Generation Science Standards, and national Social Studies standards.

- Access for McClymonds High School for three (3) years
- Access for one (1) middle school site of the District's choosing for three (3) years

Student Internship Opportunities

At no cost to the Oakland Unified School District ("OUSD"), up to four (4) OUSD students will be hired as paid engineering interns at the ENGIE Services U.S. Oakland Office. Our structured and student-focused internship program will provide the students with engineering mentors, work on real energy projects, additional energy engineering learning through online courses, and a national intern network.

- Paid internships for four (4) OUSD students
- Students to be paid \$14 per hour
- Internships to last eight (8) weeks

[END OF EXHIBIT]

Exhibit "F"
District Standards

[TO BE ATTACHED]

EXHIBIT F - ENGIE SERVICES, US

MATERIAL STANDARDS

Technical Standards for Parts and Materials

A Summary of OUSD Architectural and Material Standards

December 1, 2016

March 1, 2018

INDEX

DIVISION	DESCRIPTION	# of PAGES
	Title Page	1
0	Index	2
1	General Requirements	3
2	Site Work	8
3	Concrete	1
4	Masonry	1
5	Metals	1
6	Wood and Plastic	1
7	Thermal and Moisture Control	5
8	Doors and Windows	15
9	Finishes	9
10	Specialties	4
11	Equipment	2
12	Furnishings	4
13	Special Construction	1
14	Conveying Systems	3
15	Mechanical	16
16	Electrical	12

REFERENCES:

Facilities Master Plan 2012
OUSD Design Guidelines - MK Think (October 9, 2013) - DRAFT
Educational Specifications Elementary School Level - MK Think (October 9, 2013) - DRAFT
Essential Outdoor Classroom Elements - Park Guthrie (Garden-Education Specialist/Garden Council Facilitator) - May 2013
Door Hardware Specification Guideline (December 4, 2014) - B&G
Hydraulic Elevator Standards (November 25, 2010) Under review, Dec. 2016
OUSD Minimum Wheelchair Lift Standards (January 8, 2011), Syska Hennessy Group
Fire Alarm Standards (November 2017)
Intrusion Alarm System Standards (November 2017)
Combination Fire Alarm and Intrusion Alarm System Standards (December 13, 2015)
OUSD Standard Network Build Specification (4/16/14)

OUSD Material Standards (December 01, 2016)
OUSD Material Standards (March 2018)
Technology Services Data & Communications Standards (v2.1 January 29, 2018)

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 1 - GENERAL REQUIREMENTS						
	<p>INTRODUCTION: Create "a Full Service Community School District that serves the whole child, eliminates inequity, and provides each child with excellent teachers for every day." Sustainability is a guiding principle for all projects. OUSD's Design Guidelines align with design criteria established by the Coalition for High Performance Schools (CHPS) best practices. New Construction projects should adhere to all relevant specifications and design teams should actively engage the school community to gather additional input on the desired outcomes.</p> <p>Renovations/Modernizations shall adhere to these specifications so much as meeting the required specifications does not result in prohibitively high project costs. If a site or facility has features that make full implementation infeasible, design teams may explore alternative options in consultation with the District's Facilities Division and school leadership.</p>	The architect is to include in the Construction Documents a new site egress map for posting at the site and inclusion in the site safety plans. NO EXCEPTIONS			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	

DIVISION 1 - GENERAL REQUIREMENTS

1300 Submittal Requirements		Provide 15 working days prior to initial submission of first such submittal a Submittal Schedule coordinating it with the Construction Schedule. No submittal will be reviewed until the Submittal Schedule is approved. Substitutions are to comply with the requirements of Document 00 71 00-2, Special Conditions - Section 4 "Substitution for Specified			X	
1500 Temporary Facilities		Provide temporary fencing to isolate construction from occupants. Provide protection to ALL existing structures and its fixed contents finishes and grounds.			X	
1505 Construction Waste Management		All projects pursuant to OUSD Resolution No.: 0001-0051 are to comply with City of Oakland Construction and Demolition Debris Waste Reduction and Recycling Ordinance #12253 and the Alameda County Waste Management Authority's			X	
1600 Product Requirements		All projects to include Master Specification Section 01600, Products Requirements			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	

DIVISION 1 - GENERAL REQUIREMENTS

<p>1742 Final Cleaning</p>		<p>All projects to include Master Specification, Section 01742, Final Cleaning. Conduct cleaning and waste disposal in compliance with city Of Oakland - Ordinance #12253. The contractor is responsible for the removal and disposal of ALL packaging for furniture whether furniture provided by OUSD or the contractor. Coordinate requirements with the Project Manager. All existing vinyl flooring shall be thoroughly stripped of old wax and have at least four (4) medium coats of wax. Contractor shall submit for prior approval manufactures information on floor finish to be applied. All new floors shall have their factory seal lightly scrubbed and shall have a floor finish applied according to the requirements of Custodial Service. Coordinate all work including material with Custodial Services prior to</p>			<p align="center">X</p>	
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Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 2 - SITE WORK						
2220 Selective Demolition		Salvage of material: Design profession is to review and coordinate with B&G items to be removed and to determine if salvage is desired. Deliver salvaged material to location in District as directed. Abatement of Hazardous Material: Coordinate with recommendation of District environmental consultant for abatement of hazardous material. District preference is for abatement of asbestos versus encapsulating.			X	
2730 AC Paving	At schoolyards/athletic courts that are being used for parking, provide higher density asphalt sections on areas that will be driven on by vehicles.	Conform with city of Oakland Public Works sidewalk code. Repaving: Incorporate paving fabric in overlay or in replacement A/C over compacted fill. AB is to be Certified as being free of hazardous material. Striping is to comply with ADA standards. AC section to comply with Geo Technical Report recommendations.			X	
2740 Resilient Paving		Soft Surface Tiles by Sof Surfaces, Inc. - SoftTILE Premium Series.	Softile by Soft Surface Tiles.		X	(No substitutions. Board Resolution #1415-0161).

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 2 - SITE WORK						
Con't 2740 Resilient Paving		Test Results: Impact Attenuation test results shall be provided to OUSD or OUSD's representative. These test results shall be certified by and submitted on independent testing laboratory letterhead. Test results shall meet or exceed USCPSC guidelines for impact attenuation. The cost for the testing is to be paid by the contractor.			X	The architect, landscape architect or design team are to avoid placing decomposed granite material adjacent to playground safety surfaces. Use stabilizer as part of decomposed granite.
2780 Unit Pavers		Extra Material: 2% of amount installed but no fewer than 10 insert units. Full size units for each size, color and pattern provided.				B&G: Extra Materials are to be stored on site in designated secured area.
2800 Site Furnishings		Extra Material: Bench Replacement Planks: Not less than 2 full size units for each type and size provided			X	B&G: Extra Materials are to be delivered to the B&G Carpentry Department. Label material with site location of benches. B&G highly recommends using metal, in lieu of wood, benches.

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 2 - SITE WORK						
2831 Chain Link Fences and Gate. Ornamental Fencing	Provide appropriate fencing to establish and secure the campus boundary while welcoming community use.	Chain Link Fencing: 10 ft high with 1 inch mesh - 9 gauge wire with padlock hasp at gates. Provide knuckled top and bottom with end closed. Ornamental Fencing: 8 ft high that prohibits climbing. Locate fencing around building compound.			X	
2882 Playground Equipment - Play Structures	Locate play structures on the periphery of the school yard, but with buffer zones so that they are not immediately adjacent to property fence lines or buildings. Do not create "islands" that interfere with play courts.	Play Structures provided are to meet specific age and grade requirements.	Game Time or approved equal. Pad Surface: SoftTILE Premium Series (<i>Board Resolution #1415-0161</i>)	X		B&G Preference is for playground equipment that are manufactured in the U.S. NO KOMPAN STRUCTURES.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 2 - SITE WORK						

2900 Landscaping - Plants	Comply with OUSD Vegetation Policy 09-2949. Comply with water conservation and paving surfaces per CHPS. Consider Implementing principles of environmentally friendly landscaping in the Bay Area, as established by the Bay Friendly Landscape Guidelines. Include measures to protect landscaping areas from general foot traffic and student activities.	All plant materials are to be indigenous to the climate zone, low water consumption, drought resistant and low maintenance. Avoid plants with stickers or thorns. All trees to be deep rooted. Do not locate trees near fences or buildings. Utilize deciduous shade trees to provide summer shading of buildings and parking lots. NO shallow rooting trees. Provide root barrier to prevent spread of roots under paving and buildings.				Review landscape plans with B&G Grounds Department prior to implementation. Avoid hiding areas in landscaping. Reduce use of plants that require a high-level of shearing. Non-fruit bearing trees in open areas is preferred. Fruit bearing trees may be planted in secured "Outdoor Classroom Gardens". Olive trees are NOT recommended as they drop seeds, pollen and fruits to the ground which creates a hazardous condition for the staff and students. NO LARGE BOULDERS and no loose rocks.
2900 Landscaping - Irrigation		Comply with EBMUD Section 31 Water Efficiency Requirements. No spray system is permitted in area equal to or less than 8 feet. Bubblers are required. The Landscape Architect/Designer is responsible for completion and certification of the applicable section of EBMUD "Water Service - Section 31 Water Efficiency Requirements	Rainmaster			Review and coordinate requirements with B&G Grounds Department Manager. Rainmaster is preferred manufacturer for timer/controller system. Request by B&G plumbing to have copper irrigation lines installed under all paved areas.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed Yes No		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards

DIVISION 2 - SITE WORK

<p>Out Door Classroom Gardens</p>	<p>Design school gardens as educational tools. Engage school teachers and the OUSD Garden Coordinator to develop individualized plans for using each school garden. Provide a variety of outdoor garden spaces used for instruction, play and exploration. Garden areas should receive ample direct sunlight. Consider the effects of water drainage on school buildings and athletic fields. Locate gardens away from kitchen waste enclosures or other pest-prone areas. Approximate Values for a Single Class (20 - 30 students): Area - 1000 SF; Planter Boxes - 8 each; Compost or organic planting needed material per yard - 1.5 cubic yards. Coordinate with the district's "Garden Coordinator" for suggested plant material list and other guidance.</p>	<p>Reference: Essential Outdoor Classroom Elements by Park Guthrie (May 2013)</p>	<p>Planting Beds: May be raised or in-ground. Typical size is 3 feet to 4 feet X 8 feet in length. Create small group work stations where children can work from all sides. Beds are to be accessible from all sides and reachable to the center of the bed by children. Preferred height of bed is not to exceed 2 feet. Depth of planting area may range from 1 - 3 feet deep.</p>	<p>Irrigation: Provide hose bib in garden area. Hose bib to be provided with an isolation or shut off valve to allow addition of irrigation valves, sinks and processing stations. Provide anti-siphon valves and water proof 120V duplex outlet. Provide drip irrigation system versus prayers.</p>				<p>For schools with a Garden Program that desire to conduct landscaping work beyond the garden itself, the plans must be approved by Buildings & Grounds.</p>
<p>Specification Section / Description</p>	<p>OUSD Educational Specifications and Design Guidelines</p>	<p>Facilities Standards</p>	<p>Manufacturer</p>	<p>Substitute Allowed Yes No</p>	<p>Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards</p>			

DIVISION 2 - SITE WORK

Con't
Outdoor
Classroom
Gardens

Paths: Students should be able to identify where to walk by type of ground material provided such as lighter mulch and borders. Paths should be **at minimum** 3 feet wide with central paths wider.

Seating / Shade Areas: Provide variety of seating areas with shade.

Tool Storage: Provide secure tool storage with ideal location in garden area. Storage area is to be accessible to all users.

Fencing and Gates: Provide secured area as required. Keys are to be provided to all stakeholders.

Planting Materials: Dwarf and Semi Dwarf rootstock. Head off bare root trees at planting. Meyer lemon, pineapple guava and apples are acceptable. No stone fruits. (Apricot, plums, etc.,)

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 3 - CONCRETE						
3300 Cast in Place Concrete		Regular Weight - 2,500 PSI Light Weight - 3000 PSI Steel Re-bars: ASTM 615 Grade 60 WWM: ANSI/ASTM A-185 plain type, coil rolls, uncoated finish. Vapor Barrier: ASTM E-1745 meet or exceed Class C. Structural Concrete Mix Design shall yield specified strength prior to 28 days. Exposed slabs: non slip medium broom finish. Non-exposed slabs: per requirement for finish floor material. Design strength of concrete and all material are to be provided per the Structural Engineer's design and specifications.			X	

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 4 - MASONRY						
4900 Masonry Restoration and Cleaning			Proscoco	X		B&G: Exterior CMU walls shall be covered with anti-graffiti sealant.

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 5 - METALS						
5500 Metal Fabrication		Downspouts to be galvanized Schedule 40 steel pipe. All downspouts to have welded joints. Threaded and other collar joints are not acceptable.			X	NO LEADER PIPES INSIDE WALLS Per B&G
		Exterior metal to be hot-dipped galvanized after fabrication and painted.			X	
		Metal stair nosing - extend full length of stairs.	American Safety Tread Co. Tapered "Feracast" Style 4702		X	B&G recommends no uncovered metal/concrete stair systems. Concrete Stairs are okay. Not Metal Pan Stairs.

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 6 - WOOD and PLASTIC						
6101 Rough Carpentry		Mill stamped S-Dry. Maximum Moisture 19% prior to installation. Lumber shall exhibit no growth of fungus when installed.			X	
6200 Finish Carpentry		All lumber to be Kiln Dry. All casework to be WIC certified custom grade.			X	

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 7 - THERMAL and MOISTURE CONTROL						
7100 Waterproofing		Under Slab - requirements dependent on condition of site. Consult with Soils Engineer / Architect and water proofing consultant if required. Seal ALL seams and penetrations.	Fortifiber Corp.: "Moistop Ultra" or Stego Industries: "Stego Wrap" or American Standard Coatings	X		
7190 Water Repellants		Heavy Duty clear masonry sealer	Rainstopper	X		
7310 Asphalt Shingles		"30 Years" Nail Fasteners - NO Staples. Installation guaranteed against wind failure up to 60 MPH.			X	
7410 Thermoplastic Polyofefin (TPO)		Single Ply roofing - TPO roofing to be installed only with Director's approval.			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 7 - THERMAL and MOISTURE CONTROL						

7510 Built Up Bituminous Roofing (BUR)		Three Ply, Type VI glass fiber sheets with modified bitumen cap sheet with granular surfacing. Rating: Factory Mutual I-60 rating. Perlite insulation to taper roof slopes to drain at low slope installation. General Note - Roofing: All roof drains are to be tested prior of roofing work. Provide for complete tear off of existing roofing. Roof mounted equipment and lines are to be supported in manner as to permit roof replacement without their removal. Warranties: Contractor 2 yrs and 15 years for material.		X	Three base plies covered with a modified bitumen membrane cap sheet. Product to meet or exceed cool roof standards for roof type. BUR shall apply to flat roofs only. Existing asphalt shingle roofs can be matched with shingles. Other roof options on roofs not flat are at the director's discretion. BUR spec to be non-proprietary. No brand restriction language permitted.	
7620 Sheet Metal Flashing and		Hot dipped galvanized 24 gauge minimum.		X		
7631 Gutters and Related Flashing		Downspouts to be galvanized Schedule 40 steel pipe. See Division 5 - Metal Fabrication		X		
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 7 - THERMAL and MOISTURE CONTROL						

7720 Roof Hatches		Aluminum construction with mill finish - 11 gauge. Review and coordinate Intrusion Alarm requirements - Division 16 - Electrical				
7840 Fire Stopping		Fire Marshall approved - UL or WH classified systems.				
7920 Joint Sealers		Silicon Sealant - Exterior application for concrete, masonry, glazing and door frames.	Tremco	X		
		Interior Building Sealants - provide appropriate type of sealant for material in contact. Acrylic- emulsion, one part, non-sag, mildew resistant.	Pecora Corp: "AC-20" Sonneborn: "Sonclac" Tremco: "Tromco Acrylic Latex 834"	X		
		Sanitary Sealants - One part mildew resistant silicone, formulated with fungicide; for sealing non-porous substrates around ceramic tile, plumbing fixtures and showers.	Dow Corning Corp: "786 Mildew Resistant" Sonneborn: "Scholastic Ominplus"	X		
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 7 - THERMAL and MOISTURE CONTROL						

<p>Con't 7920 Joint Sealers</p>		<p>Acoustical Sealants - provide type of acoustical sealant as applicable for concealed joints and exposed joints.</p>	<p>Pecora Corp: BA-98" Tremco: "Tremco" Acoustical Sealant" Pecora Corp: "AC-20 DTR" USG: "Sheetrock" Acoustical Sealant</p>	<p>X</p>	
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Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						
8110 Steel Doors and Frames	All classroom doors should provide a view panel, either within the door itself or adjacent to the strike side of the door.	HM Doors and Frames: 14 gauge: Hot dipped galvanized; Seamless welded edges and faces. Hardware Reinforcement: Hinges #7 gauge; Locksets #10 and surface applied hardware #12 gauge. Door Reinforcement : 14 gauge, Fabricate with welds at ALL ends and at 3 inches on center.	Curries, Steelcraft	X		
8120 Aluminum Doors and Frames	At all Aluminum doors and storefront applications no glazing panels shall be installed below 24" or 30" from adjacent ground level.	Monumental wide style, wide rail entrance doors.	Kawneer Series #500 with 12 inch bottom rail	X		
8210 Wood Doors	All classroom doors should provide a view panel, either within the door itself or adjacent to the strike side of the door.	INTERIOR APPLICATION ONLY Solid Core - 1-3/4" or as required. All internal frame edges bonded to core, solid stave wood core.			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						

8210 High Abuse Doors		FRP finished foam core doors with reinforced metal frames and continuous hinges. Provide at all secondary school entries and other high use areas. See Outline Specs - Section 8710 - "Hinges" for limitation of use.	Special - Lite SL-17		X	B&G: All exterior doors should be FRP finished doors with continuous hinges and Norton closers. If doors are equipped with vision lights, they should also be equipped with vandal screens and they should also have adjustable door sweeps. For vandal screens, Special-Lite provides all of the additional required specs.
8520 Aluminum Windows	Fit windows with shading systems to reduce glare and solar heating effects throughout the day. Maximize the utility of operable windows for passive ventilation. Integrate non-glare windows in designs. At all aluminum doors and storefront applications no glazing panels shall be installed below 24" or 30" from adjacent ground level.	Window: Single glazed from interior - all welded or factory sealed corners. Factory applied Class 1 anodized finish. Wall sections - 1/8" thick or 2" tubular sections. Tubular type sections at windows 4 feet or greater in width. Provide restrictor blocks with maximum 5 inch opening for hung windows. PM to request Director's approval to eliminate window guards if project team can validate.	Blomberg, Vista VWall, Kawneer or Efco		X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						

Con't 8520 Aluminum Windows		Window Hardware: Handles: Cam Type Hinges: S/S 4 bar hinges. Provide with "restrictor blocks" Remote Operation: Provide 7 foot long pole/hook with rubber end. Catches: Spring type at Transom hopper vents. Fasteners: Stainless Steel Window Guards: Perforated metal, 63% open, powder coated galvanized steel. All installed windows fixed and/or operable are to be field tested for water filtration pursuant to ASTM E1105.				
8521 Aluminum Windows - Portable Building Projects Only		Extruded anodized with fixed and operating sash, minimum AAMA Grade C-60. Minimum section depth - 1-1/2" thick. One hopper vent per sash.			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						

8600 Skylights	Maximize the utility of operable skylights for passive ventilation.	Flat panel skylight system. Retro fit existing skylights with sloped curb. Skylight to provide effective daylighting with robust structural system. Solar tubes are acceptable. All installed windows fixed and/or operable are to be field tested for water filtration pursuant to ASTM E1105.	Kalwall 12" X 12" "Tuckerman Grid. No known equal. Alternate to be considered for daylight efficiency.			X	
8710 Door Hardware		Finish: 626 (Satin Chrome) or as required to match existing uniform site standard.				X	See B&G - OUSD Door Hardware Specifications Guidelines dated December 2014 for all door hardware.
8710 Door Hardware - Hinges: Hanging Devices		Continuous Hinge: FRP Doors - full length, mortised heavy duty continuous hinges. For labeled doors - specify S/S hinge. If an obstruction of more than 2-13/16" prevents the door from opening 180 degrees or against the adjoining wall, than specify wide throw butts. Specify (4) wide throw butts for a standard height door. All new exterior doors on secondary school campus are to be full length mortised continuous hinge.	Ives 224HD - Finish clear (CL)			X	See B&G - OUSD Door Hardware Specifications Guidelines dated December 2014 for all door hardware.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards	
				Yes	No		
DIVISION 8 - DOORS and WINDOWS							

Con't 8710 Door Hardware - Hinges: Hanging Devices		Butt Hinges: Heavy duty ball bearing. See Specification Section 08710 for additional hinge options to have doors open 180 degrees or against adjacent wall. ALL HINGES TO HAVE NON-REMOVABLE PINS and TAMPER PROOF SCREWS	Hager #BB1168 x 626 X NFP		<input checked="" type="checkbox"/>	
8710 Door Hardware - Locksets and Latch sets: Securing Devices		Cylindrical Locks:	Schlage ND Series x Rhodes with "Vandigard" lever		<input checked="" type="checkbox"/>	Schlage ND Series x Rhodes with US26D Finish
		Passage Lock	ND10S		<input checked="" type="checkbox"/>	ND10S
		Privacy Lock	ND40S		<input checked="" type="checkbox"/>	ND40S
		Faculty Restroom Lock: "Hotel" function lockset with modification to enable only a "push" function and disable the "push and turn" function	ND85PD		<input checked="" type="checkbox"/>	ND85PD
		Interior Office Lock: "Classroom function" lockset with no button function inside and keyed cylinder on other side	ND94PD		<input checked="" type="checkbox"/>	ND92PD - Push Button B&G acceptable with ND94PD per Facilities standards
		Classroom Security Lock	ND97PD		<input checked="" type="checkbox"/>	ND97PD
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed	<input type="checkbox"/> Yes <input type="checkbox"/> No	Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
DIVISION 8 - DOORS and WINDOWS						

Con't 8710 Door Hardware - Locksets and Latch sets: Securing Devices		Storage Lock: Storage rooms to have lockset that has a lever that locks automatically when door is shut, but releasable from interior and keyed cylinder on other side. Storeroom lock is for TRUE Storage Rooms only (i.e. room designated solely for storage usage.	ND96PD			ND96PD
		Student Toilet Room: Provide push plates and fixed pull handles with a separate deadbolt with accessible thumb latch for egress function only. All doors with this requirement shall have a label that requires door to remain unlocked when building is occupied. Students must not be able to lock themselves in the toilet rooms	Push Plate: Trimco #1001-3 Pull Plate: Trimco #1017-3 Pull Plate (punched for cylinder turn piece) Deadbolt: Schlage B663P with ADA thumb latch			X
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						

8710 Door Hardware - Exit Devices		Positive Latching NOT Required: CD 98 NL x 990 NL or CD 98 NL x 990 NL x CD98 EO Positive Latching REQUIRED: 98L-2-F x 994L or 98L-2-F x 994L x 98EO-2-F Provide with hex dogging and with pull trim at exterior entrances. All paired doors to have removable keyed mullion with only one heavy duty handle on exterior and no dummy trim. ALL DOUBLE DOORS ARE TO HAVE MULLIONS. ALL EXTERIOR DOORS WITH VISION LITES TO BE MAXIMUM SIZE OF 7" x 22"	VonDuprin			B&G - Provide exit devices on exterior perimeter doors and portables. HEX DOGGING ONLY - No cylindrical dogging. All mullions to have a set of #154 stabilizers. Von Duprin: X99NLx990NL "Trim Pull"; X99NLx990NL "Trim Pull" x XP99PT x 990DT; "Dummy Trim" x SNB X KR4954 Mullion x 154 (at pairs); 99L-2-F-996L-NL- R (F rated single doors); 99L-2-F- 996L-NL-R x 99Eo - F x KR9954 Mullion x 154 (F pairs)
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
DIVISION 8 - DOORS and WINDOWS						

X

Substitute Allowed	
Yes	No

8710 Door Hardware - Keying: Key System	B&G wants all locks changed to Primus in new and existing.	All keying is to be keyed into District restrictive, Schlage Everest/Primus - no substitutions. Interior doors shall utilize the same keyway with blank side bitting. All cylinder cores in "D: series handles are to be fixed (removable only after the lockset has been disassembled). All cylinder cores in deadbolts/panic hardware that required disassembly of latch mechanism shall be interchangeable core. All cylinders to be factory keyed and shipped with split construction key system. A/E to include key schedule in bid specifications. Keying requirements are to be coordinated and verified with B&G Locksmith manager.	Schlage		X	Keyway: Verify with B&G for the keyway to be provided at specific sites. (Everest Primus, Everest D, 1246, 1247, and 1248) All cylinder cores in :ND" series handles are to be fixed. All cylinder cores in dead bolts/panic hardware shall be interchangeable cores. Keying by contractor. ND Series: 20-765 Cylinder Exit Device Outside Trim: 20-757 IC Rim Cylinder Keyed Removable Mullion: 20-771 1C Mortise Cylinder Keying Schedule is to be reviewed and approved by B&G Locksmith Department.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed Yes No		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
DIVISION 8 - DOORS and WINDOWS						

<p>Con't Door Hardware Keying: Key System</p>		<p>Extra Material: Provide minimum 2 full boxes of key blanks. Deliver key blanks to B&G Locksmith department.</p>			<p>X</p>	<p>Sample of OUSD Keying Standard: Grand Master Site Master Maison Staff Rest Rooms Boy's and Girl's Rest Rooms to be keyed to Site Master and Grand Master Key ONLY. Key Rooms with assigned bittings, site master and grand master ONLY; Exterior Entry and Interior Fire Doors, Boiler Rooms, and Store Rooms are to be keyed to Site Master and Grand Master Keys ONLY. Stamp Keys with the Bitting Label ONLY. Bitting schedule will be provided by OUSD B&G Locksmith. Final Keying Schedule is to be reviewed and approved by B&G Locksmith.</p>
<p>Specification Section / Description</p>	<p>OUSD Educational Specifications and Design Guidelines</p>	<p>Facilities Standards</p>	<p>Manufacturer</p>	<p>Substitute Allowed</p>		<p>Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards</p>
				<p>Yes</p>	<p>No</p>	
<p>DIVISION 8 - DOORS and WINDOWS</p>						

8710 Door Hardware - Coordinator						PROVIDE COORDINATOR ONLY WHEN REQUIRED BY FIRE CODE Ives COR x FL x MD (Storage and utility rooms)
8710 Door Hardware - Flush Bolts						Ives FB31P (Automatic / Metal Doors / Storage & Utility Rms); Ives FB41P (Automatic / Wood Doors / Storage & Utility Rms); Ives FB51P (Manual / Metal Drs / Storage & Utility Rms); Ives FB61P (Manual / Wd Drs / Sto. Rms) B&G preference is NOT to utilize Flush Bolts as they are high maintenance hardware.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						

X

8710 Door Hardware - Door Closers: Closing Devices			Norton 7575		X	Norton: 7500 Provide long arms where required to accommodate wide throw hinges. Door Silencer: Ives SR64 ALL DOOR FRAMES ARE TO BE REINFORCED AT FRAME, SOFFIT, AND FACE. NO EXTRA DUTY ARMS.
8710 Door Hardware - Stops / Holders		All exterior doors to have door hold-opens where code permits. All primary interior doors on campuses with interior corridors shall have door hold-opens. For Floor mounted holders, mount within 3" of wall.	Floor Mount: Trimco #1283-2S or #1283-3S Wall Mount: Trimco #1283-4S or #1283-5S Model # depending on required length of strike. NO KNOWN EQUAL		X	Holders: Ives WS45 or FS43 (Automatic Holders & Stops) Door Stops: Ives FS436/R435 (Interior Floor Stop); FS18S (Security Floor Stops); WS401/WS402 (Wall Stops). PROVIDE SOLID BACKING at WALL HOLDER LOCATIONS; FLOOR MOUNT WHEN WITHIN 3 INCHES OF WALL.
8710 Door Hardware - Bumpers		Provide in locations where a stop is necessary and Stops / Holders will not work.	Glynn-Johnson NO KNOWN EQUAL		X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						

8710 Door Hardware - Thresholds		Provide shape as required or approved equal.	Pemko or approved equal.			National Guard Products (NGP) - Standard 1/2" x Jamb Depth x Full width of opening. 322 (1/2" x 3") at Carpet and Floor Mats. Threshold Notes - Architect to coordinate with project conditions. Set thresholds in a full bed of butyl-rubber or polyisobutylene mastic sealant complying with requirements in Division 7 - "Thermal and Moisture Protection". Use 1/4" fasteners, red-head flat heat sleeve anchors (SS/FHSL).
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
DIVISION 8 - DOORS and WINDOWS						
8710 Weather Stripping		New Door Application: Utilize concealed brush door sweeps for HM doors with inverted bottom channel.	Pemko 90100CP or approved equal			Door Sweep: NGP 600A (Surface Mount Brush Sweep) Smoke/Weather Seal: NGP A626A (@ Jamb) x 706A (@ Headers on doors with closers) Smoke Seal: 2525B (1/4 x 3/8 Silicone Bulb with adhesive tape) Mullion Seal: NGP 5100 - Black
		Existing Door Application: Utilize a surface mounted brush sweep.	Pemko 309AP or approved equal			

		Exterior Doors: All exterior doors to be fitted with 45 degree, brush style weather stripping.	Pemko #45041CP or approved equal			Finish
8710 Latch Protectors		Provide at all exterior lever set doors				Ives LG12
8710 Astragal / Coordinators / Automatic Flush Bolts		Avoid where possible.				Astragal: NGP 600 set (Surface Mount Brush Astragal Set); NGP 139SS (Where required by Fire Code) Astragal/Edge set may be by HM doors manufacturer. Mullion Seal: NGP 5100
8710 Kick Plates		Armor plates - 10 inches high				Kick Plate / Mop Plates: Ives 8400 Series
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 8 - DOORS and WINDOWS						
8710 Pulls / Push Plates		Cast alloy - ADA complying			X	Ives 8200/8300 Series
8710 Door Louvers		All exterior door louvers to be heavy duty vandal resistant	Anemostat PLSL heavy duty louver with 12 gauge grill.		X	

<p>8800 Glazing</p>	<p>Integrate non-glare windows in design. There will be no glazing panels below 30" from adjacent ground level.</p>	<p>Standard Glazing - 3/8 inch tempered glass on the exterior face with cavity and 1/4 inch laminated glass on interior face consisting of 2 layers minimum 1/8 inch thick float glass with 0.030 inch thick tinted polyvinyl butyral interlayer. Type of glazing will vary by elevation and location as determined by consultant. Provide wired or tempered glass per code. Replace ALL polycarbonate and Plexiglas with 1/4 inch laminated glass. All installed windows and glazing are to be field tested for water infiltration pursuant to ASTM E1105.</p>				
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Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 9 - FINISHES						
9220 Metal Lath and Portland Cement		Gypsum/Keenes Cement Finishes - to match existing building finish for interiors of toilet rooms			X	
9250 Gypsum Board				X		B&G: When possible, avoid using drywall joint compounds that require more than 24 - 48 hours to dry completely. Joint compounds that take longer to dry are typically covered by paint before fully dry, leaving the joint compound extra vulnerable to cracking.
9270 Tackable Wall Board		Fiber Insulation Board: 1/2" thick; ASTM C208 Class A Commercial Std CS42 Class A beveled edge. Vinyl Wall Covering: Calendared base color, backing shall be sheeting or non-woven fabric. Class III Flame Spread			X	
Specification Section /	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet

Description	and Design Guidelines			Yes	No	Technology (IT) Standards
				DIVISION 9 - FINISHES		
9300 Ceramic Tile	Ceramic tiles or other waterproofing materials should be used on restroom walls from floor to ceiling.	Specify recycled content products. At Middle Schools and High School - ceramic tile walls to be full height from floor to ceiling. Floors: Slip resistant finish Walls: Gloss finish - NO matte or textured finish. Provide latex-epoxy mortar and grout in toilet rooms. Extra Material: Provide 5% of amount installed or minimum 1 carton of field and half carton of accent tile in full size units for each type, composition, color, pattern, shape and size. Ceramic tile to be 4"x4", 6"x6" or 12"x12". PM's to request Director's approval if material is not ceramic tile. Ceramic tile to be wainscoat height in elementary schools.	American Olean or Dal Tile	X		B&G: Preferred finish for kitchens. Provide epoxy grout. Extra Materials are to be stored on site in designated secured area; if no designated secured storage area available on site, please transport extra materials to 955 High St.
9500 Acoustical Panel Ceilings		Grid: Exposed heavy duty 24" X 48" grid. Ceiling Panels: Mineral Ceiling Panels, NRC Range 0.50 - 0.60; STC Range 30 - 34, white fissured finish. CHPS Projects: NRC Range 0.80. Architect to confirm and specify required product. Extra Material: Ceiling tile - 5% of amount installed with a maximum of 10 cartons in original packaging of each type, pattern, and size provided. Provide 2% of amount installed for suspension system components of each exposed component and size installed..	Armstrong - "Ultima" or "Ultima High NRC" or "Fire Guard" where fire rating is required.	X		B&G: Recommends that Armstrong 895 ceiling panels be established as the standard for OUSD. Extra Materials are to be stored on site in designated secured area; if no designated secured storage area available on site, please transport extra materials to 955 High St.
Specification Section /	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet

Description	and Design Guidelines			Technology (IT) Standards	
		Yes	No		
DIVISION 9 - FINISHES					
9650 Resilient Flooring	Flooring material should be durable and scratch resistant. Flooring should promote furniture mobility.	<p>Sheet Flooring (Linoleum): To have fully fused seams and treated with 2 coats LinoBase sealer prior to traffic. Specify low VOC adhesives and seam sealers. Factory trained and certified installers are required.</p> <p>Extra Material: Linoleum - 5% in roll form with minimum less than 10 LF. Furnish in full roll width form of each different composition, color and pattern. VCT - 1 box for every 50 boxes or fraction thereof with minimum 100 SF. Provide full size units of each type, color, pattern and size installed. Rubber Base - 10 LF for every 500 LF or fraction thereof. Furnish in standard full length for each color. Rubber Stair Treads: 1 box for every 50 boxes or fraction thereof. Furnish in full size units for each color, pattern and size installed.</p>	<p>Forbo: "Marmoleum" Forbo Installers to be "Master Mechanic" certified. Tarkett: "Veneto" or approved equal.</p>	X	<p>CS: All (N) flooring shall have their factory seal stripped off and shall have a floor finish applied according to the above requirements pursuant to the requirements of OUSD. B&G: VCT is the preferred resilient flooring. VCT may be used with approval by the Director of Facilities. Extra Materials to be completely manufacturer sealed and are to be stored on site in designated secured area; if no designated secured storage area available on site, please transport extra materials to 955 High St. All Concrete Floors should be properly sealed before installation of new flooring materials.</p>
Specification Section /	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed	Buildings & Grounds (B&G), Custodial (CS) and Internet

Description	OUED Design Guidelines	Facilities Standards	Manufacturer	Technology (IT) Standards		
				Yes	No	
DIVISION 9 - FINISHES						
9660 Terrazzo Flooring	Waterproof materials should be used on restroom floors.	Epoxy Terrazzo per NTMA guidelines. Provide terrazzo with integral base. Use in conjunction with a U/L listed "slip resistant" sealer. Preferred flooring for restrooms.	Dex O Tex Cheminert Terrazzo Flooring or approved equal		X	
9670 Fluid Applied Flooring - Epoxy Flooring		Self leveling urethane mortar system designed for monolithic application. Provide integral cove base. Include chemical, heat and skid resistant epoxy novolac coating over flooring. Flooring to be applied at all kitchens. Application for restrooms requires approval by Director of Facilities.			X	B&G: Preferred flooring for kitchens.
9680 Carpeting	Avoid carpeting and rugs in classrooms.	Specify low VOC adhesive and seam sealers. Provide carpet-seaming layout. Use largest sections possible to minimize seams. Carpet Tile is preferred over sheet / roll products. Modular Tiles - 24 inches square tile. Carpet to comply with Sustainable Carpet Assessment Standard (NSF/ANSI 140) Platinum Level. Extra Material: Carpet Tiles - 5% of amount installed but not less than 30 square yards. Provide full modular tiles of each type and color installed. Carpet (Glue Down) - Extra Material is not required.	1. Patcraft "New Ground" collection; 2. Shaw Commercial "altered collection"; 3. Tandus Centiva "powerbond 04468"		X	B&G: Rolled carpet is not recommended. Preference is for Carpet Tiles. Extra Materials are to be stored on site in designated secured area. Adhesive: Shaw 5900 Carpet tile adhesive or equal. While B&G uses special adhesive all contractors shall use LokDots or equivalent.
Specification Section / Description	OUED Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	

DIVISION 9 - FINISHES

DIVISION 9 - FINISHES

9900 Painting		GENERAL: Specify low VOC paints and primers only. Do not paint over existing transparent finishes. Existing transparent finishes shall be refinished to match existing. ALL colors are to be selected by District from District standard color palette with the possible exception of continued use of existing color scheme at a given school. Existing (E) surfaces to be repaired and prepared prior to painting. Three coat system over (E) painted surfaces or New (N) finishes to be 1 coat prime and 2 finish coats. All shop-primed items are to be fully re-primed in the field. Acid wash all galvanized materials. Etch and prime prior to finish painting and rinse thoroughly. Specify mildew retardant admixtures. On exterior stuccoed surfaces, finish coat to be back rolled.	ICI, Kelly Moore, Sinclair, Pittsburgh and Sherman Williams	X		B&G preference is Kelly Moore. Contractor to provide "As Built Brush Outs with Manufacturer's formula". Please refer to B&G paint booklet for color palettes.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	

DIVISION 9 - FINISHES

Con't 9900 Painting	INTERIOR: Interior Plaster/ Gypsum Board: Interior Acrylic Enamel. Corridors: Semi-gloss. Classrooms: Semi-gloss. Offices: Semi-Gloss . Toilet Rooms: Semi-Gloss. Service Areas: Semi- Gloss . Kitchens: Semi-gloss enamel Wood: Opaque Finish - Semi Gloss Acrylic Enamel. Transparent Finish - specify product compatible with existing finish and if possible low VOC. Refinish to match existing. Interior Metal Doors and Frames: Acrylic Semi- gloss Enamel. Handrails: for all interior handrails, use water based epoxy . Interior Misc. Metals: Sheen to fit circumstances.	ICI, Kelly Moore, Sinclair, Pittsburgh and Sherman Williams OUSD Standard Kelly Moore 1650 Interior Semi-gloss				B&G: Exterior CMU walls shall be protected with anti-graffiti sealant. Store all paint extra material on site in designated secured area. Label all Extra Material containers including but not limited to the following: Manufacturer's name, product name, stock number and/or generic type of paint, color with instruction for reducing where applicable. Label to include color, texture, and room locations. Provide "as built" brush outs on 8- 1/2" X 11" labeled with manufacturer color/formula and location. Attic stock is to be stored on site at designated secured area.
	EXTERIOR: Exterior Stucco: Semi-gloss, 100% Acrylic Latex. Wood (opaque): Gloss, 100% Acrylic Latex. Misc. Ferrous Metals: 100% Acrylic, Semi-gloss Enamel. Ferrous Metal Gutters, Downspouts, Doors, Flashing, etc: 100% Acrylic, Semi-gloss Enamel. Exterior Guardrails and Handrails: Aliphatic Urethane, Gloss Enamel. Aluminum: 100% Acrylic Latex, sheen to match existing. Extra Material: 2 gallons unopened per color and sheen installed. Provide non-flammable cabinet to store extra paint required by the Oakland Fire Department.	Kelly Moore exterior 100% acrylic 1250; Kelly Moore DTM; Sherman Williams water based epoxy.		X		

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 10 - SPECIALTIES						
10110 Chalkboards, Markerboards, and Tackboards	Dry erase markerboards should utilize non-toxic low VOC/no odor markers and thus not require chemical board cleaners. Provide magnetic whiteboards.	Porcelain Enamel Markerboards are standard replacement. Provide both standard and heavy duty map rails. Heavy duty map rails are to be mounted above board. No seams in boards up to 16 feet in length.	Heavy duty map rails: Rand McNally or approved equal. Tackboards: Fabricmate or approved equal.	X		B&G: Do not recommend specifying sliding white board systems as they are hard to maintain.
10170 Solid Composite Toilet Compartment		Solid Color Reinforced Composite Partitions (SCRC) with "GraffitiOff" surface. Hardware: 18-8, type 304 S/S with satin finish. Partitions to utilize head-rail brace mount system. Fasteners to be either factory installed threaded brass inserts or through bolted, S/S pin in head Torx sex bolt fasteners and shall withstand direct pull force exceeding 1,500 pounds per fastener.	Bobrick Sierra - 1090 Series	X		Bobrick Sierra - 25 Year Warranty scratch/dent/moisture/impact resistant SCRC - solid core reinforced concrete.
10260 Corner Guards		Molded corner guards with closure caps top and bottom.	Construction Specialties: "Acrovyn"	X		

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 10 - SPECIALTIES						
10400 Signage	Install lit signage that clearly identifies the main entry point to a campus. Post a campus map that highlights and provides clear directions for spaces commonly used by the community. Provide display space or electronic signage to communicate school news and information. Clearly identify/label all buildings on the exterior and rooms on the interiors.	All signage to comply with ADA & Title 24 requirements. Parking Lot: 0.125" aluminum panel with baked porcelain enamel finish mounted to 3" galvanized steel post set in 12" diameter X 36" deep concrete footing. Room: Integral color with fussed raised lettering and California Braille. Install with vandal resistant fasteners. Room and building designations are required to be approved by designated District Representative.	Room - ASI "Incast" or approved equal.	X		B&G: Coordinate location of sign and identity/label for all buildings on the exterior and rooms on the interiors.
10500 Metal Lockers		All steel construction with powder coat finish. Provide hasps for padlocks. Install with concealed fasteners and vandal resistant fasteners where exposed. Provide Gym Lockers ONLY. No hallway lockers are to be provided.			X	

10520 Fire Protection Specialties		If battered, replace with units using minimal glass lite.			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 10 - SPECIALTIES						
10800 Toilet Accessories		All toilet accessories are to be surface mounted and installed with concealed fasteners where possible or vandal resistant fasteners when fasteners are exposed.			X	
		Toilet Paper Dispenser - Stainless Steel Multi Roll	Bobrick B-2888 For ADA, provide Bobrick B-6999. For surface mounted with theft resistant spindle and Bobrick B- 3888 for semi- recessed.		X	
		Toilet Seat Cover - 1/2 fold chromed metal. Provide at Staff Restrooms ONLY	James River #25131500/4001 Bobrick B-221		X	
		Grab Bars - Heavy duty, 15 gauge, S/S tubing, welded 11 gauge flanges, concealed mounting. Safety grip finish, no peening.	Bobrick B-6806	X		
		Sanitary Napkin Disposal	Bobrick B-270	X		
		Soap Dispenser - S/S, Install above sink	Bobrick B-2112	X		

		Paper Towel Dispenser (Staff Restrooms Only) - Roll Towel Dispenser. Architect to also specify and locate ADA compliant paper towel dispenser.	Bobrick B-2860 -to be mounted in front access; unit projects too far for side access compliance.	X			
		Hand Dryers (at student restrooms).	Dyson Airblade V Hand Dryer.	X		Other small orifice high velocity dryers will be considered.	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards	
				Yes	No		
DIVISION 10 - SPECIALTIES							
Con't 10800 Toilet Accessories		Student Toilet Room Mirror Omit shelf in student bathroom. S/S mirror with backing plates.	Bobrick B-1556	X			
		Staff Toilet Room Mirror and Shelf.	Bobrick B-166	X			
		Trash Receptacles - NIC Furnished and installed by District				X	
		Handicapped Shower Seat	American Standard "Pressalit"	X			
10900 Wardrobe		Safety Cabinets for storing flammable content.	Eagle Flammable Safety Cabinet, 45	X			

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 11 - EQUIPMENT						
11400 Food Service Equipment	All fixtures, appliances, and equipment shall meet OUSD CHPS standards and Energy Star requirements for low energy and water use. Ovens, stoves, steamers, and other equipment shall have sufficient capacity and power to fully cook meals as described in OUSD Nutrition Service "Nutrition Service Master Plan".					Nutritional Services: Design team shall consult with Nutrition Services on ALL kitchen projects. All equipment are to be commercial grade and shall meet Energy Star requirements. All kitchen and food service projects are to comply with Alameda County Health Department requirements. Kitchen Hoods: Provide Fire Suppression System for New and Renovation Projects per Nutritional Services directive in Section 13900 Fire Suppression System. Paper Towel Dispensers - Provide towel dispensers that meet Custodial Services requirements.
11400 Food Service Equipment	Hand Sink		Eagle Group, HSAP-14-FW			
	Dry Storage Shelving		Metro, BR Series			
	Trash Container		Rubbermaid, 2632			
	1-DR Reach in Refrigerator		True, STR1R-1S			

X

	1-DR Reach in Freezer		True, STR1F-15			
	20 GA. S/S Wall Flashing		Custom Fabricated			
	Combi Oven w/ Stand		Angelo PO, FX122G3T/TBFXAB 12			
	Exhaust Hood (Type-I)		Streivor Air Systems, WCBD-CR 150 55 57 22.5			
	Fire Suppression System		Streivor Air Systems, Pyro Chem			
	Mobile Hot Cabinet		Crescor, H-137-UA- 12d			
	Mobile Tray Counter		Duek, Thurmaduke			
	Cold Food Serving Line		Duke, TST- 88SS/ADI-4MD- N7/TS-461-74			
	Hot Food Serving Line		Duke, TST- 74SS/ADI-4E- SW/TS-461-74			
11400 Food Service Equipment	Milk Cooler		Beverage Air, SMF49Y-1-S			
	Mobile Cashier Counter		Duek, TCS-30SS			
	Condensate Food Hood (Type II)		Streivor Air Systems, CH 150 42 42 22.5			
	Dishmachine		Hobart, AM-15T			
	Booster Heater		Hobart, AM-15T			
	Wall Shelf/Utensil Rack		Advance Tabco, DT- 6R-108			

	Tray Drying Racks		Channel Manufacturing, ATDR-4			
11650 Athletic and Recreation Equipment					X	B&G: Interior Gymnasium scoreboards should be wireless or have integrated scoreboard systems to avoid surface routing of cords across gymnasium floor.

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 12 - FURNISHINGS						
12300 Casework	All rooms shall have a variety of permanent storage options and a variety of lockable, securable, and easily accessible storage base and wall cabinets and closets.	WIC "Custom Grade" certified. Formaldehyde free and low VOC adhesive. Shelving - 3/4 inch plywood core; Drawer bottoms to be fully let-in glued and blocked. Knuckle hinges and heavy duty ball bearing drawer glides. Extra Material: 5% of each type locks, hinges and pulls provided.	Hinges: Blum (Board Resolution #1415-0161)			B&G recommends Blum be the standard for ALL cabinet hinges. Drawer backsides should be designed to sustain heavy use. Extra Materials are to be delivered to the B&G Carpentry Department. Label all boxes with the site location. Cabinet countertops NO Formica/Laminate tops. Recommended Solid Surface Such as Phenolic -Per B&G
12350 Laboratory Casework		Hardwood frame with 1 inch epoxy resin tops. Provide safety lip or wire at all lab and lab supply storage shelves. Extra Material: 5% of each type locks, hinges and pulls provided.	Taylor or Cambellrhea		X	Extra Materials are to be delivered to the B&G Carpentry Department. Label all boxes with the site location.
				X		

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 12 - FURNISHINGS						
12500 Window Treatment	Fit windows with shading systems to reduce glare and solar heating effects throughout the day.	Blinds: Provide new blinds at all new windows. Evaluate existing window coverings and replace as necessary to match existing. Provide heavy duty hardware and control cord and vinyl coated cloth tape. Shades: Provide one shade per lite. Cords - seine line; Slats - 1/2 inch mahogany; Pulleys - Sop pulley on all shades; Rollers - single notch; wooden. Extra Material: Horizontal Louver Slats - 5% of operating hardware and slats installed for each size units. Window Shades - 5% of full size units installed. Package ALL with protective covering for storage and identified with labels clearly describing contents and site location.	Blinds: Levelor "Century" with 2 inch metal blade.			B&G: Window coverings should NOT be installed in gymnasiums. Extra Materials are to be stored on site in designated secured area; if no designated secured storage area available on site, please transport extra materials to 955 High St. NO VERTICAL BLINDS WHEN POSSIBLE PER B&G
12600 Multiple Seating - Retractable Bleachers				X		B&G: Gymnasium retractable seating are to be motorized.

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 12 - FURNISHINGS						
12700 Cafeteria Tables and Benches	Provide comfortable, age appropriate furniture. Strongly consider reconfigurable furniture that supports group activities and can also be easily and safely collapsed and stored by a single adult. Provide storage for furniture, including tables - space requirement varies by grade level.	Provide new tables and benches at all new MP rooms and cafeterias. Evaluate condition of existing tables and benches and replace as necessary to match existing configuration. Field verification is required before ordering tables and benches. Install with vandal resistant fasteners.	Nelson Adams or Palmer Snyder: (No known equals) - Recessed mounted, 2 table unit, NRM-6 TB-2 Unit. Provide with anti-jackknife device and compression of torsion springs to prevent table from lowering rapidly and assisting with raising table. Pockets to be 16 gauge steel.	X		B&G strongly recommends no wall recessed tables or benches. New construction: provide storage room for roll-away tables. Existing construction: remove wall recessed tables.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 12 - FURNISHINGS						

<p>12931 Bicycle and Skateboard Racks</p>	<p>Provide storage racks and dedicated lanes for bikes, scooters, and skateboard to meet the <u>CHPS criteria for Human Powered Transportation</u>. Locate racks directly off bike paths near an area with frequent foot traffic, preferably near the main entrance to the school grounds.</p>		<p>Skateboard racks: BoardLoch Spartan 14 or approved equal.</p>	<p>X</p>		
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Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 13 - SPECIAL CONSTRUCTION						
13900 Fire Suppression System		Provide fire suppression system per code for all commercial kitchen hoods.				Nutritional Services: New Construction - Provide fire suppression system for all new Kitchen Hoods. Renovations / Modernization Projects - Upgrade existing Fire Suppression System in existing Kitchen Hood to all current code requirements.
					X	

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 14 - CONVEYING SYSTEMS						
14240 Hydraulic Passenger Elevators		<p>REF: OUSD Minimum Hydraulic Elevator Standards dated 11/25/10</p> <p>Type: Conventional holed hydraulic. (Roped hole less elevator is NOT permitted)</p> <p>Capacity: 4000 / 4500 pounds</p> <p>Type Loading: Class A</p> <p>Door Opening: 2 speed side - 48 inch wide X 84 inch high Cart</p> <p>Platform: 6' - 0" W X 8' - 4" D.</p> <p>Speed: 150 FPM</p> <p>Key: Recall switch - Innovation EX 516 barrel type key switch.</p> <p>Cathodic Protection: Provide cathodic protection of Jack Cylinder Assembly. Provide certification that electrical neutrality of the cylinder is satisfied with a Galvanometer permanently wired and mounted in the controller.</p>				<p>Controller shall not require proprietary software or equipment to maintain.</p>
					X	

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 14 - CONVEYING SYSTEMS						
Con't 14240 Hydraulic Passenger Elevators		WARRANTY: The Warranty period shall commence on the date of the issuance of the temporary operating permit by the State of California			X	
14420 Vertical Wheelchair Lift		Type: Drive shall be a ball bearing nut and screw or hydraulic pump and ram. Capacity: 750 pounds Doors: End Door - Minimum 32 inch clear opening; Side Door - Minimum 42 inch clear opening. Platform: 38 to 40 inch width on loading side and 51 - 60 inches long. Switches: Key Operated. New Construction: Set in recessed pit for flush transition	National Wheel-O-Vator Model BC	X		

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 14 - CONVEYING SYSTEMS						
Con't 14420 Vertical Wheelchair Lift		Modernization Projects: Utilize manufacture ramp, upper and lower gates. REFERENCE: OUSD Minimum Wheelchair Standards dated January 8, 2011 WARRANTY: The Warranty period shall commence on the date of the issuance of the temporary operating permit by the State of California.	National Wheel-O-Vator Model BC	X		

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						
15050 General Mechanical Requirements	Sustainability is a guiding principle for all projects with design criteria established by the Coalition for High Performance Schools (CHPS), in order to "protect student and staff health, and enhance the learning environments of school children everywhere; conserve energy, water, and other natural resources, and reduce waste, pollution, and environmental degradation." Moreover, these elements should be made visible and prominent so that facilities become teaching tools.	Codes and Standards: Latest editions of CBC, CMC, CPC, CEC, ASHRAE Standards, NFPA Standards, SMACNA Standards.				
		Valves - Ball valves are preferred for shutoff duty	Nibco, Hammond, Stockham, Belimo		X	
		Calibrated Balance Valves - provided for balancing	Bell and Gossett "Circuit Setter"		X	
		Steam Traps	Armstrong Hoffman		X	
		Steam Radiators - pneumatic thermostats or manually operated valves are preferred.				X
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	

DIVISION 15 - MECHANICAL						
Con't 15050 General Mechanical Requirements		Gauges	Marsh, Danton, U.S. Gauge	X		
		Thermometers	Rochester, Palmer	X		
		Access Doors	Milcor, Newman	X		B&G requires minimum 12X12 -- but 24X24 preferred.
		Expansion Loops	Metraflex, Metraloop	X		
		Pumps	Bell and Gossett, Paco, Taco, Armstrong	X		
		Motors - Premium efficient types	General Electric, Gould, Lincoln, Central Electric	X		
		Motors - Starters	Square D, Allen Bradley in NEMA enclosure	X		
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						

15250 Thermal Insulation for Mechanical Systems		Domestic HW & CW outside of building insulation envelope; Heating HW piping, steam and steam condensate return piping, chilled water piping, refrigerant suction piping, HW storage tanks, chiller barrels and supply and return ductwork. Ductwork insulation - R values as required by code.			X	
15300 Fire Sprinkler System		Codes and Standards: Latest editions of CBC, CFC, NFPA Standards 13, 20, and 24. Consultant design to include hydraulic design, hydraulic calculations, labor and material for a complete automatic wet pipe type fire sprinkler per NFPA 123 and applicable codes. Determine actual static and residual pressure for the campus. Include site backflow prevention, PIV, FDC, and fire sprinkler riser assembly. Coordinate all supervision wiring from tamper switches, flow switches, water flow indicators, and wiring to fire alarm system.			X	
		Sprinkler Heads - Heavy duty type	Star, Central	X		
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						

<p>Con't 15300 Fire Sprinkler Systems</p>		<p>Piping: Schedule 40 black steel. ASTM A-135 or A-53, with UL approved ductile iron or cast iron threaded fittings. UL approved grooved fittings and associated coupling may be used. Schedule 10 UL approved pipe with UL approved groove fittings associated coupling may be used in pipe size 3 inches or larger except where exposed in gymnasium.</p> <p>General Notes for Piping: HVAC ducts and gravity flow plumbing piping shall have right of way over sprinkler piping. Grade piping for drainage and provide drain valves as required by Code. Piping shall be thoroughly flushed and proved clean before final connection are made.</p>				
<p>Specification Section / Description</p>	<p>OUSD Educational Specifications and Design Guidelines</p>	<p>Facilities Standards</p>	<p>Manufacturer</p>	<p>Substitute Allowed</p>		<p>Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards</p>
<p>DIVISION 15 - MECHANICAL</p>						
<p>15400 Plumbing Systems</p>	<p>Comply with East Bay Municipal Utility district (EBMUD) Section 31 - "Water Efficiency Requirement" guidelines for water efficient fixtures and</p>	<p>Water Closets: Floor mounted flush valve type when feasible. Wall mount fixture requires approval by Facilities Director.</p>	<p>American Standard, Kohler</p>	<p>X</p>		<p>B&G - American Standard: Madera (Floor Mount) / Afwall (Wall Mount) . Install wall cleanouts at end of run of sinks, toilets & urinals at restrooms and classrooms.</p>

reclaimed water (where available) to reduce sewage conveyance from toilets and urinals.

All classrooms should be equipped with a sink and running water. Refer to the Materials Standards as well as the California Code of Regulations for details. Plumbing consultant is responsible to complete the application for "EBMUD Water Service Requirement - Section 31 Water Efficiency Requirements Checklist".

Urinals: Wall mounted flush valve type when feasible.	American Standard, Kohler (strainer built in).	X				
Flush Valves, threaded connection only from inner wall to outer wall, not soldered, with brass nipples	Sloan Royal Flushometer (No substitution, Board Reso. #1415-0161)		X			
Lavatories and Sinks: Provide CW only except for staff and severely disabled. For disabled use, add mixing valve. At Kindergarten, T-K and CDC Classrooms - provide sinks appropriately-sized for both students and teachers.	American Standard, (Elkay T-K)	X		B&G - American Standard: Comrade or Roxalyn (without concealed arms).		
Faucets	Chicago (No substitution, Board Reso. #1415-0161)		X	Delta soft touch for metering faucets is easier for earlier grade levels.		
Drinking Fountains	Interior: Haws 1119-14 heavy duty S/S Exterior: Haws 1430 or 1431 cast aluminum or cast iron	X				
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						

<p>Con't 15400 Plumbing Systems</p>	<p>Locate hydration stations at Cafeteria/Multi-Purpose Rooms. Exterior stations provide as follows: Elementary: Qty. 1- 2 Middle: Qty. 2- 3 High School: Qty: 3- 4 Locate throughout campus and adjacent to drinking fountains when available.</p>	<p>Hydration Station to be non-filtered and non-refrigerated</p>	<p>Elkay - E2H2O or Most Dependable Fountains 10485WMSS or similar</p>	<p>X</p>	
		<p>Hose Bibb</p>			<p>B&G - At ALL public and exterior locations - provide brass hose bibb with loose key. Locate hose bibbs in close proximity to Outdoor Classroom Gardens. Add hose bibbs at restrooms with floor drains.</p> <p>X</p>
		<p>Floor drains</p>			<p>All floor drains to be equipped with trap primers.</p>

		Domestic HW & CW piping - Type L copper tubing, hard temper with wrought copper fittings at inside of building. Provide separate EBMUD meters for Domestic Water, Irrigation Water and Fire Service (Fire Sprinklers and Hydrants.). On all CW, irrigation and fire systems, backflow preventors should be added.			X	B&G: Provide isolation valves to allow for school to continue to operate if maintenance is required.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						
Con't 15400 Plumbing Systems		Gas Piping Inside Building: Schedule 40 black steel with malleable iron threaded fittings for pipes 2 inch or smaller. Class 150 welded fittings for pipes 2-1/2 inches or larger. Label pipe for "Natural Gas" in accordance with CPC. Also label water and re-circulation lines to indicate direction, and provide a consistent color coding scheme.			X	Provide and number isolation valves to allow for school to continue to operate if maintenance is required.

		Site Gas Piping Below Grade: Polyethylene with ASTM D2513, ASTM D3261, and ASTM D2683 fittings with fusion welded joints.			X	B&G: Provide and number isolation valves to allow for school to continue to operate if maintenance is required.
		Soil, storm, and waste piping underground and to 6 inches above ground, and soil piping above ground: Service weight no-hub cast iron soil pipe or PVC and fittings, asphaltic coated, CISPI Std. 301 stamped.	Underground couplings: Anaco, Husky, Clamp All, or Mission Heavyweight couplings for joints underground		X	B&G: Provide cleanouts for waste and storm drainage systems every 75' and for every change of direction.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						
Con't 15400 Plumbing Systems		Waste pipe above ground from lavatories and sinks, rainwater leaders and overflows inside and outside buildings above grade: Cast iron or PVC pipe with black cast iron drainage fittings.			X	
		Vent Piping: Service weight cast iron soil pipe and fittings for piping 3 inch and larger, cast iron with black cast iron drainage fittings for piping 2-1/2 inch or smaller.			X	

		Domestic Water Heaters: Gas fire preferred. Electric tank for under counter or electric instantaneous type only for remote areas or small loads. Install per code and with ample clearance for service.			X	
Con't 15400 Plumbing Systems		Mop Sink: Florestone model terrazzo mop sink. Tan and white marble chip cast in white portland cement. Faucet: American Standard, wall mounted, cast brass body, metal lever handles with hot and cold indicators, vandal resistant screws, vacuum breaker spout with bucket hook and threaded hose.	Mop Sink: Florestone Model 85 24"x24"x12" ; Faucet: American Standard 8350.243 wall mounted			
Con't 15400 Plumbing Systems		Grease interceptor: seamless rotational molded polyethylene, built-in flow control and test caps, 35 gpm flow rate, 142 lbs. capacity.	Schier GB-35 Seamless Rotational Molded Polyethylene			
		Floor drain: floor drain dura-coated cast iron body with bottom outlet, combination invertible membrane clamp and adjustable collar with seepage slots and "type b" polished nickel bronze, light duty strainer.	Zurn #Z415B floor drain			
		Floor sink: dura-coated cast iron body with bottom outlet, combination membrane clamp and adjustable collar and medium duty grate.	Zurn #Z1910 floor sink			
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	

DIVISION 15 - MECHANICAL

<p>15800 Heating, Ventilating and Air Conditioning</p>	<p>Classroom ventilation should provide comfortable temperatures. Use passive ventilation and sustainable design options when possible. Avoid placing fans under lights to eliminate flicker. Avoid A/C when possible. All Classroom should have independent control of heating systems. Install interlock system that would turn off heating and cooling when doors and windows are opened. Consider methods to improve air quality.</p>	<p>Boilers - see manufacturer's listed. Modernization Projects: If existing system is steam and it is not feasible to change the entire school to hot water, remain with steam and replace existing boiler with new cast iron sectional boiler. Use forced draft burners where necessary.</p>	<p>1) Weil McLain; 2) Peerless; 3) Cleaver-Brooks; or approved equal.</p>	<p align="center">X</p>	<p>B&G: Locate Boilers at ground floor or first floor only. Do not locate Boilers on second floor. Must be high efficiency. Must be reviewed and approved by B&G. 90% or higher efficiency.</p>		
		<p>Roof Top Packaged Heating and Ventilating (HV) Units: Units shall be gas fired with minimum 80% AFUE. Provide with manufacturer's roof curb and economizer.</p>	<p>Trane, York, Reznor, Sterling, or approved equal. Carrier is NOT an approved equal. USE DAIKIN FOR SPLIT SYSTEMS ONLY.</p>	<p align="center">X</p>	<p>B&G - ALL HV & HVAC units provided must be compatible with the Alerton BACnet System with NO EXCEPTIONS Roof Top units are preferred. Carrier is NOT recommended as it is not compatible with the OUSD EMS controls without major modifications.</p>		
<p>Specification Section / Description</p>	<p>OUSD Educational Specifications and Design Guidelines</p>	<p>Facilities Standards</p>	<p>Manufacturer</p>	<p>Substitute Allowed</p> <table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> </table>	Yes	No	<p>Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards</p>
Yes	No						
<p align="center">DIVISION 15 - MECHANICAL</p>							

Con't 15800 Heating, Ventilating and Air Conditioning		Roof Top Packaged Gas-Electric Packaged HVAC Units: Gas fired with minimum 82% AFUE. Cooling EER/SEER shall be not less than that required by Title 24. Provide with manufacturer's roof curb and economizer.	Trane, York, Goodman, Daikin or approved equal. Carrier is NOT an approved equal.			
		Air Handlers: Provide with manufacturer's HW heating coil, economizer mixing box section, filter section, internal spring vibration isolation, and roof curb (for rooftop installations.	Trane, York or approved equal. Carrier is NOT an approved equal.	X		
		Indoor Furnaces: High efficiency condensing type furnace. Provide with minimum 20 year Burner warranty	Trane, York or approved equal. Carrier is NOT an approved equal.	X		
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						
Con't 15800 Heating, Ventilating and		Outdoor Air Cooled Condensing Units: EER/SEER shall not be less than that required by Title 24	Trane, York, or approved equal. Carrier is NOT an approved equal.			

Air Conditioning		Fans: Provide rooftop, cabinet, in-line or ceiling type as required. Provide manufacturer's roof curbs, back draft dampers, bird screens, etc. as applicable. For toilet room applications - provide two-speed fan with light on at high speed and light off at low speed.	Penn, Greenheck, Cook, or approved equal.		X	
		Hot Water, Chilled Water, and up to 15 PSI steam piping above grade: Schedule 40 black steel pipe, ASTM A-53, threaded malleable iron fittings for 2 inches and smaller, standard weight ANSA B 16.28 welding fittings for sizes 2-1/2 inches and larger.	Victaulic or equal - cut or roll grooved type fittings for chilled water piping only is permitted.			X
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						
Con't 15800 Heating, Ventilating and Air Conditioning		Steam Piping Greater Than 15 PSI Above Grade: Schedule 40 black steel pipe, ASTM A-53 with Schedule 40 ANSI B 16.9 welded fittings.				X

		Steam Condensate Return Piping, Including Pumped Return and Steam Vent Piping: Type K hard copper tubing with wrought copper solder fittings. Exposed piping at Boiler Room to be Schedule 80 black steel pipe with Schedule 80 ANSI B16.9 welded fittings.			X	
		Air Conditioning Condensate Drain Piping: Type DWW copper tubing with wrought copper fittings.			X	
		Refrigeration Piping: Type L hard drawn ACR copper tubing with wrought copper fittings. All joints shall be made with Silfos.			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						
Con't 15800 Heating, Ventilating and Air Conditioning		Ductwork: Galvanized sheet metal; aluminum sheet metal in wet areas and when handling moist air. Duct gauges as required by Code, SMACNA and ASHRAE Standards.			X	

		Filtration: Provide all HV and HVAC equipment with 2 inch thick, U.L. Class II, 25 - 30% efficient pleated media disposable filters.	"Farr" 30/30 or approved equal				
		Air Distribution Devices: Diffusers, registers, and grilles	Titus, Krueger, Metalair, Tuttle, Bailey or approved equal				
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards	
				Yes	No		
DIVISION 15 - MECHANICAL							
Con't 15800 Heating, Ventilating and Air Conditioning		Execution: Provide expansion loops or expansion joints in piping with proper anchors for thermal and building expansion. Provide anti-vibration bases and hangers to insure systems will operate without objectionable vibration. Provide chemical treatment systems for all hot water and chilled water piping systems. Add conditioning treatment system for all mechanical water systems.					X

		Commissioning: Provide testing and balancing reports for all air and water systems. Instruct District Personnel on operation and maintenance requirements for all systems. Commission all temperature control systems.			X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 15 - MECHANICAL						

15900 Temperature Controls and Energy Management and Control System (EMCS)	HVAC systems should be centrally controlled and individual rooms should have controls to adjust this temperature up or down within a set range. During non-school hours, administrative custodial staff must be able to control the HVAC system for special events or community use. Climate controls should be compatible with the district energy management system. Install interlock system that would turn off heating and cooling when doors and windows are opened.	Work includes temperature controls for all HV, HVAC systems and equipment. Provide electric/electronic programmable time clocks, controllers, room temperature sensors, bypass timers, damper actuators, valve actuators, etc. Provide Title required sequences, include but not limited to night set-back and set-up, and pre-occupancy purge cycle. All temperature control wiring shall be in conduit. All contract drawings and documents are to specify that the Contractor is responsible for the installation of conduits and cabling connecting the EMCS to the network switch located at the MDF and/or IDF Rooms.	Temperature Controls: Honeywell VP525A & TP970 Thermostat Modernization Kit with Universal Adaptor (No substitution Board Resolution #1415-0161) EMCS: Alerton BACnet System		B&G - EMCS: Alerton BACnet System (No substitution Board Resolution #1415-0161) ALL CONTROLS FOR SPLIT SYSTEMS TO BE HARDWIRED.
		Commissioning: Commission all temperature control systems and instruct District Personnel on proper operation and maintenance.			Alerton provides controls; Syserco installs; Honeywell provides previous controls.

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 16 - ELECTRICAL						
16100 Basic Materials and Methods		Conduit: Rigid Steel; Intermediate Metallic (IMC); Coated Rigid Steel; PVC Type 40; Electrical Metallic Tubing (EMT); Flexible Conduit.			X	
		Outlet Boxes: Pressed Steel Type; Cast Metal Type.			X	
		Wire: Copper ONLY; Type THW or XHHW insulation for feeders; type THHN or THWN for branch circuits; 90 degrees centigrade insulation for high temperature areas; #8 AWG and larger - stranded.			X	
		Wall Switches: AC rated; heavy duty 20 amperes specification grade; 277 volts AC			X	
		Floor Outlets: Adjustable, cast metal body type for ground level; steel type for above ground level. Single or multi compartment as needed for power, data, and telephone.			X	

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 16 - ELECTRICAL						
Con't 16100 Basic Materials and Methods		Convenience Outlets: Shall be rated 20 amperes at 125 volts, specification grade. Weatherproof cover; GFCI type.			X	
		Panel Boards: Copper busses; Bolt-on molded case breakers; Breakers with pad-locking tabs.			X	
		Switches: "HD" Heavy Duty			X	
		Pull Line: 1/8 inch diameter braided line of polypropylene or pull rope; 200 pound break strength.			X	
		Pull Boxes: Concrete Box with concrete lid and hold-down bolts. Steel lids for larger boxes.			X	
		Backboards: 3/4 inch plywood, AC grade.			X	
		Terminal Cabinets: Metal cabinet with hinged door and lock.			X	

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 16 - ELECTRICAL						
16470 Switchboard		Freestanding switchboard with pull section, main section and distribution system. UL listed per UL 891; NEMA PB-2. Completely self supporting, 90 inches high, NEMA-1 or NEMA-3R. Rated (481/277) (120/208) Volts, 3 phase, 4 wires. A/C rating as required. Bus bracing at 65,000 RMS Symm. Amps. Tin plated aluminum bussing. Thermal magnetic breakers. Ground fault protected main breaker where required. Thermostat.	Square D, Simons ITE, Westinghouse, General Electric		X	
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 16 - ELECTRICAL						

<p>16500 Lighting</p>	<p>Lighting should provide a comfortable classroom environment with appropriate visual conditions. Where possible there will be a combination of natural and artificial lighting. Artificial lighting should have brightness controls and zoned variable lighting controls. Outdoor space shall be well lit.</p>	<p>Ballasts: Electronic fluorescent ballasts, HPF >98%, <15% THD, NO PCB's, Class A, Thermally Protected, CBM Label; HID Ballasts, HPF, regulated. Lamps: Fluorescent T8 and T5HO type; 25 watt; Clear HID type. Luminaries shall be UL labeled. Light Poles: Minimum 90 MPH wind rated with 1.3 gust factor. EXIT Signs: High level EXIT signs shall be Back mounted and electrically (120/277 volts) illuminated. Surface mounts only are allowable in combination with emergency lighting systems. Signs are to be vandal resistant with polycarbonate shields. Secure sign with tamper resistant fasteners. All lighting shall be LED at all locations.</p>	<p>Wattstopper Model # HCLK8SS is discontinued. For a replacement use LIA WEB LMCP Series Panel with 8-48 relays.</p>		<p>B&G: Up lights are not a good source of light and are difficult to maintain. Up lights need to be readily accessible with high efficiency bulbs (LEDs). Pendant light fixtures tends to accumulate dust and requires regular cleaning. Surface mounted light fixtures are preferred or provide pendant light fixtures with top covers. Lamps: Fluorescent 32 Watt T-8 (Majority of sites is installed with 32 Watt T-8 lamps). Preference is for no motion detectors at student restrooms. Provide motion sensors in corridor lighting except for N.L. Prefer locating lighting control system in central area such as Electrical Room by the Main Panel. Provide identification of fixture location when power packs are installed within the fixture. Avoid placing power packs on top of fixture. Motion detectors will be installed in student restrooms but set with a minimum operating time of 20 minutes. Color Temperature is 4100K. Color rendering index shall be minimum of 85.</p>
				<p>X</p>	<p>Lighting in stairwells and auditoriums should be accessible enough to allow for repairs and routine maintenance.</p>

Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 16 - ELECTRICAL						
Con't 16500 Lighting		EXIT Signs: Floor Level Exit signs are to be back mounted with vandal and tamper resistant fasteners. NEW Construction - EXIT signs are to be hot wired with NO Exceptions unless approved by the Director of Facilities. Renovation and Modernization Projects - Non powered self luminous Photo luminescent EXIT signs are permitted. Radioactive Tritium EXIT signs are NOT permitted.			X	Contractors should be responsible for completely removing old lighting control systems when they are engaged in installing new lighting control systems during school modernization.
16700 Intercom/ Paging/Clock/ Signal Controls	Equip classrooms with an intercom and bell system that allows administrators to deliver school-wide announcements and implement a bell schedule and a phone and paging system that can make and receive calls and enables communications with other classrooms & administrators.	Fully operable communication system for ALL schools - CDC/Elementary/MS/HS.	Rauland - Telecenter VI (No substitution, Board Reso. #1415-0161)		X	B&G: Telecenter VI may be tied in with OUSD networking system at OUSD option. Speakers - provide 14 gauge shielded copper wiring. Clocks - Cat 5e or Cat 6 cable. All cabling are to be installed in steel conduits. Cables will be color coded as follows: fiber: orange; phones and speakers: gray; data: blue; alarm systems: red (in conduit).
Specification Section /	OUSD Educational Specifications and Design	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet

Description	Guidelines			Yes	No	Technology (IT) Standards
DIVISION 16 - ELECTRICAL						
16721 Fire Alarm System		Fully operable addressable automatic fire detection and alarm system. All wiring are to be installed in conduits. Provide "red" conduit in concealed areas. Note: Heat detectors are required at ALL student toilet rooms. Confirm approval by DSA.	Simplex 4100ES - District Standard (No substitution. Board Resolution #1415-0161)		X	B&G: Reference - OUSD Fire Alarm Standards (dated November 15, 2017) & Combination Fire Alarm and Intrusion Alarm System Standards (dated 12/10/15). Warranty Requirements: One month prior to the expiration of the warranty period, the installer shall provide a factory trained service representative to conduct a 100 percent test of the work performed. Any deficiencies found during that testing shall be corrected under the warranty agreement.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 16 - ELECTRICAL						

16727 Intrusion Alarm System	Intrusion alarm should feature multiple control zones , allowing certain zones to be secured while others are open.	Furnish and install a complete intrusion alarm system including but not limited to all cables, motion detectors, wire guards, glass break detectors, alarm contacts, arming stations, central control unit, RJ31X phone jacks, sounders, etc. All wires and cabling are to be installed in steel conduits. Provide magnetic door contacts at all roof top hatches. Key Pad: Verify and coordinate location of the Key Pad with Buildings and Ground. Key Pad is NOT to be located in any public areas.	Bosch/Radionics D941GV4 - Version 1 (Version 2 is NOT allowed) No substitution. Board Reso. #1415-0161)	X	<p>B&G: Reference - OUSD Intrusion Alarm System Standards (November 15, 2017) and Combination Fire Alarm and Intrusion Standards (December 11, 2013 and Revision dated 2/13/2014)</p> <p>Installer must be ACE (Alarm Company Employee) licensed through the State of California Bureaus of Investigative Services, Department of Consumer Affairs.</p> <p>Warranty Requirements: One month prior to the expiration of the warranty period, the installer shall provide a factory trained service representative to conduct a 100 percent test of the work performed. Any deficiencies found during that testing shall be corrected under the warranty agreement.</p>				
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	<table border="1"> <tr> <td colspan="2" style="text-align: center;">Substitute Allowed</td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> </tr> </table>	Substitute Allowed		Yes	No	Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
Substitute Allowed									
Yes	No								
DIVISION 16 - ELECTRICAL									

16740 Telephone System	Equip classrooms with a phone and paging system that can make and receive calls, and enables communication with other classrooms and administrators.	Furnish and install a complete Telephone System. Verify with B&G if site will be converting to VOIP. Outside Plant Cables: Multi-conductor gel filled cable. Station Cables: Standard multi-pair twisted cable. Connectors: RJ-11 standard telephone connector. Accessories: Terminal blocks, cross connect cables, equipment cabinets, wire management and plywood backboard. All cabling are to be installed in steel conduits. Coordinate the installation of the telephone system with the Rauland TeleCenter VI where applicable.	Avaya IP-500 (No substitution. Board Reso. #1415-0161)			B&G: Project Manager is responsible for notifying B&G - TeleCom Dept. on any new and additions to the telephone system. B&G TeleCom Dept. is to confirm with AT&T if the existing service is sufficient and whether additional service is required and order additional service as required. Design Team is to confirm, coordinate and identify with AT&T the responsible party for the installation of all and any trenching, conduit and cabling that will be required to the MPOE.
Specification Section / Description	OUSD Educational Specifications and Design Guidelines	Facilities Standards	Manufacturer	Substitute Allowed		Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards
				Yes	No	
DIVISION 16 - ELECTRICAL						

X

<p>16745 Data Com- munications System</p>	<p>Appropriate cabling and outlets will be installed in each classroom to provide for a variety of network technologies and stand alone equipment. At least one wall will have powered and outlets running along the entire length of the room. Ground outlets should be provided when possible. All classrooms should have network access. It is OUSD's goal that all students should have access to Wi-Fi. Server rooms (MDF and IDF rooms) must be secure, and separate from other school functions and must be well-ventilated & temperature controlled to manage over heating and enable proper maintenance.</p>	<p>Furnish and install a complete data communications system. Fiber Optic Cables: Cat. VI Connectors: Fiber SC connectors, Copper RJ45, 8 conductor, Cat. VI Copper Patch Panels: Cat VI, multi-port Accessories: Equipment racks, equipment cabinets, wire management, inner duct Installation: Provide complete installation and testing Test Fiber optic cables (bi-directional for signal attenuation) and copper cables (signal attenuation, noise, NEXT, cable length, pair to pair continuity, DC loop back resistance).</p>	<p>Network Switches: Cisco 4500X</p>		<p>IT: OUSD Standard Technology Services (January 29, 2018) Classrooms: 12 drops total Other Rooms: Office Area - 8 drops; Computer Lab - 38 drops; Library - Drops to be determined by IT dept; All other information refer to Technology Standards. Non-metallic raceway is NOT permitted. B&G: Preference is for the MDF Room to be located directly adjacent to an exterior roof to allow placement of a HVAC roof top unit.</p>
<p>Specification Section / Description</p>	<p>OUSD Educational Specifications and Design Guidelines</p>	<p>Facilities Standards</p>	<p>Manufacturer</p>	<p>Substitute Allowed</p>	<p>Buildings & Grounds (B&G), Custodial (CS) and Internet Technology (IT) Standards</p>
<p style="text-align: center;">DIVISION 16 - ELECTRICAL</p>					

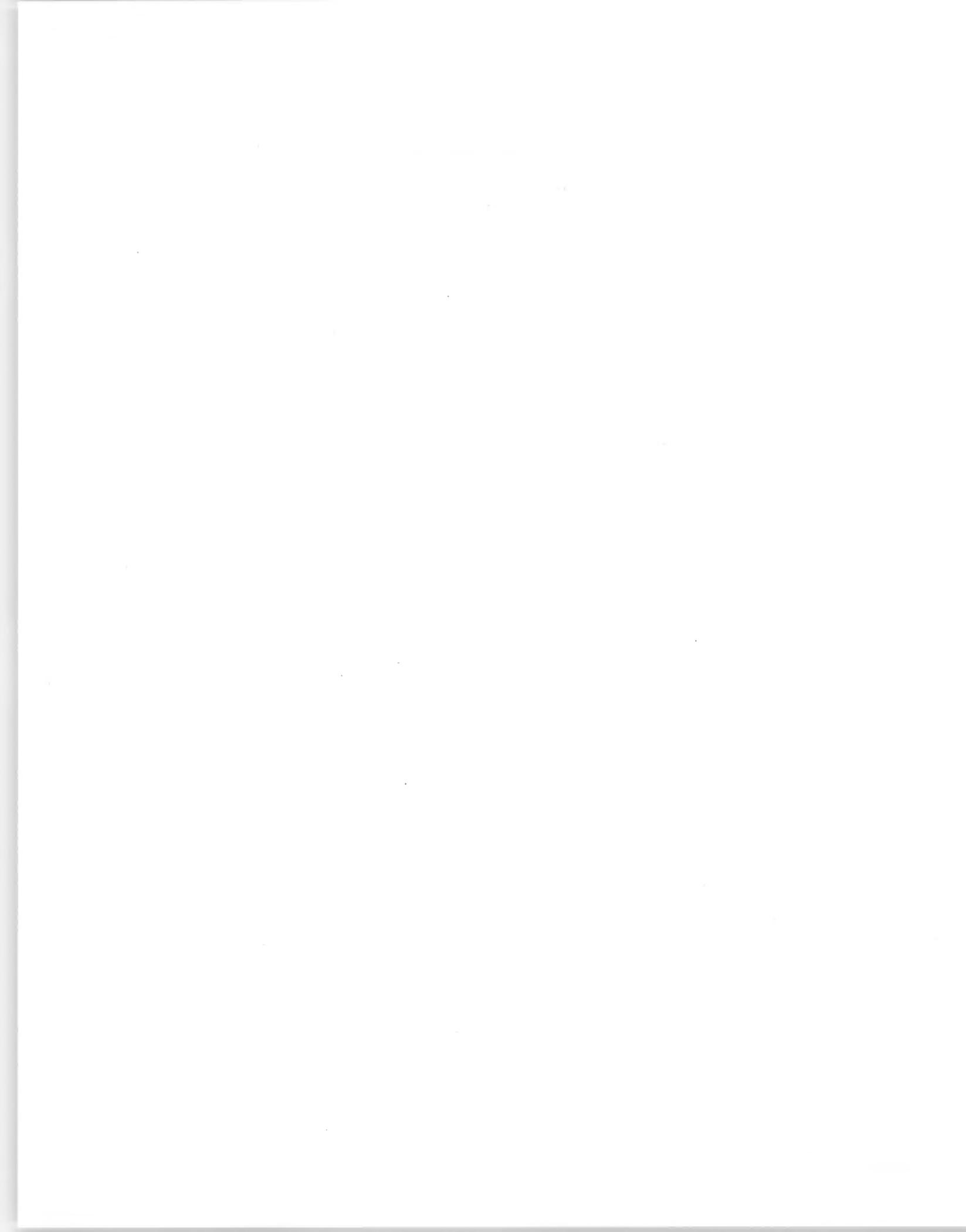
X

Yes	No
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16745 Assistive Listening Device		Wireless Large Area ALD System		X		
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Exhibit "G"
Project Labor Agreement

[TO BE ATTACHED]



Board Office Use: Legislative File Info.	
File ID Number	16-2090
Introduction Date	9/28/16
Enactment Number	16-1528
Enactment Date	9/28/16 



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Memo

To Board of Education

From Antwan Wilson, Superintendent
Vernon Hal, Senior Business Officer
Joe Dominguez, Deputy Chief, Facilities
Jacqueline Minor, Legal Advisor

Board Meeting Date September 28, 2016

Subject **Project Labor Agreement between the District and signatory contractors and subcontractors and the Building and Construction Trades Council of Alameda County, AFL-CIO, and its affiliated Local Union Signatories**

Action Requested **Approval by the Board of Education of the Project Labor Agreement between the District and signatory contractors and subcontractors and the Building and Construction Trades Council of Alameda County, AFL-CIO, and its affiliated Local Union Signatories for the period from August 24, 2016 to June 30, 2021.**

Background and Discussion

The District and the Building and Construction Trades Council (the "Council") originally entered a PLA in February 2004. The original PLA covered construction contracts funded by Measures A and B, except for certain projects under \$400,000. In 2008, the Board approved the Local Business Policy. In April 2010, the District and the Council agreed to a side letter that exempted from the PLA 5% of the total Measure B proceeds in order to assist in the District's development of more local and emerging contractors. In other words, 5% of the funds were exempt in support of the Local Business Policy.

The new PLA continues to contain the basic tenets of all PLAs – in exchange for a no strike provision and the use of high-speed arbitration to resolve construction disputes, the District agrees that certain construction work funded by District capital funds are subject to the PLA and union work rules.

The key provisions of the new PLA are:

1. **Projects covered.** Those Projects funded by Fund 21-Measure B, Fund 35-County School Facilities Fund, Fund 25-Developer Fees,



State Prop 39, and OUSD Measure J New Construction and Modernization Projects.

2. **Excluded Projects.** The District may exclude, at its discretion, up to 5% of all capital funds available to the District for its Projects during the term of this Agreement. It is expected that the application of this 5% exclusion will not disproportionately affect any one craft. There are other exclusions, such as work performed by District employees in B&G.
3. **No strikes,** sympathy strikes, work stoppages, picketing, hand billing or otherwise advising the public that a labor dispute exists, or slowdowns of any kind
4. Establishment of **Joint Administrative Committee** to administer the PLA.
5. **Local Hiring.** Parties agree to achieve the inclusion of OUSD graduates and Oakland Residents in the employment and apprenticeship opportunities created by work under the PLA. The goal is that for each construction contract, Residents of the District will perform up to 50 percent (50%) of all hours worked on all covered projects, on a craft-by-craft basis. Non-compliance is subject to review by the Joint Committee and grievance procedures under the PLA.
6. **Apprentices.** Apprentices will perform up to 20% of the total craft work hours and only Oakland residents, especially District graduates will be utilized as apprentices. Both parties will work with community-based organizations such as, Cypress Mandela Training Center and the West Oakland Jobs Resource Center to identify potential apprentices. For each Covered Project, a Contractor must hire at least one (1) Qualifying Apprentice for the first \$1 million of construction bid value. For each additional \$5 million (beyond the first \$1 million), a Contractor and/or its subcontractors must hire at least one (1) additional Qualifying Apprentice.
7. **Pre-Apprenticeship Programs.** Key components of the Pre-Apprenticeship program, as approved by the Board in Board Policy 7116, include: a) Establishment and funding a Summer Pre-apprenticeship Internship Program; b) Working in conjunction with the Council, co-sponsor two Building & Construction Trades Career Fairs during each school year; c) Establish a Workforce Development Fund. The Fund shall be audited annually as a part of the annual bond audit. 20% of the Fund may be used by the District for the costs of implementation and management of the Construction and Building Trades Pre-Apprenticeship Programs. No less than 80% of



the Fund shall be used to fund direct work based learning programs and apprenticeships for Oakland students; d) Establish an Industry Partnership Council specifically focused on the Building and Construction Trades to support the successful implementation of this program.

Recommendation

Approval by the Board of Education of the Project Labor Agreement between the District and signatory contractors and subcontractors and the Building and Construction Trades Council of Alameda County, AFL-CIO, and its affiliated Local Union Signatories

Fiscal Impact

Funding resource: N/A

Attachment

- Project Labor Agreements



CONTRACT JUSTIFICATION FORM
This Form Shall Be Submitted to the Board Office
With *Every* Consent Agenda Contract.

Legislative File ID No. 16-2090

Department: Superintendent

Vendor Name: Building and Construction Trades Council of Alameda County, AFL-CIO and its affiliated Local Union Sign

Contract Term: Start Date: 8-24-2016 End Date: 06-30-2021

Annual Cost: \$ N/A

Approved by: Superintendent

Is Vendor a local Oakland business? Yes No

Why was this Vendor selected?

This vendor was selected to promote local hiring of OUSD graduates and Oakland residents in the employment apprenticeship opportunities created by work under the PLA.

Summarize the services this Vendor will be providing.

The vendor will direct work based learning programs and apprenticeships for Oakland students.

Was this contract competitively bid? Yes No

If No, answer the following:

1) How did you determine the price is competitive?

[Empty box for answer]

2) Please check the competitive bid exception relied upon:

- Educational Materials**
- Special Services** contracts for financial, economic, accounting, legal or administrative services
- CUPCCAA exception** (Uniform Public Construction Cost Accounting Act)
- Professional Service Agreements** of less than \$87,800 (increases a small amount on January 1 of each year)
- Construction related Professional Services** such as Architects, DSA Inspectors, Environmental Consultants and Construction Managers (require a "fair, competitive selection process)
- Energy** conservation and alternative energy supply (e.g., solar, energy conservation, co-generation and alternate energy supply sources)
- Emergency** contracts [requires Board resolution declaring an emergency]
- Technology** contracts
 - electronic data-processing systems, supporting software and/or services (including copiers/printers) over the \$87,800 bid limit, must be competitively advertised, but any one of the three lowest responsible bidders may be selected
 - contracts for computers, software, telecommunications equipment, microwave equipment, and other related electronic equipment and apparatus, including E-Rate solicitations, may be procured through an RFP process instead of a competitive, lowest price bid process
 - Western States Contracting Alliance Contracts (WSCA)
 - California Multiple Award Schedule Contracts (CMAS) [contracts are often used for the purchase of information technology and software]
- "Piggyback" Contracts** with other governmental entities
- Perishable Food**
- Sole Source**
- Change Order for Material and Supplies** if the cost agreed upon in writing does not exceed ten percent of the original contract price
- Other, please provide specific exception**

PROJECT LABOR AGREEMENT
FOR THE
OAKLAND UNIFIED SCHOOL DISTRICT
And
Building and Construction Trades Council of Alameda County, AFL-CIO ("Council")
And Affiliated Local Union Signatories

PREAMBLE

This Agreement is made and entered into by and between the Oakland Unified School District ("OUSD" or "District") together with contractors and subcontractors who shall become signatory to this Agreement by signing the "Agreement To Be Bound" (Addendum "A"), ("Contractor/Employer(s)"), and the Building and Construction Trades Council of Alameda County, AFL-CIO ("Council") and its affiliated Local Unions signatory hereto ("Union(s)").

The purpose of this Agreement is to promote efficiency of construction operations for capital projects funded by OUSD, including but not limited to Fund 21-Measure B, Fund 35-County School Facilities Fund, Fund 25-Developer Fees, State Prop 39, and OUSD Measure J New Construction and Modernization Projects, by providing for the orderly and peaceful settlement of labor disputes and grievances without strikes, work stoppages or lockouts, thereby promoting the public interest in assuring the timely and economical completion of the Project.

The relevant skilled work force requirements described in Education Code section 17407.5 as that statute relates to the commitment that a skilled and trained workforce will be used to perform the Project(s), is deemed to have been established by any Contractor becoming a signatory to this Agreement.

RECITALS

WHEREAS, the timely and successful completion of the Project is of the utmost importance to the District; and

WHEREAS, large numbers of workers of various skills will be required in the performance of the construction work, including those to be represented by the Union(s) signatory to this Agreement employed by Contractor/Employer(s) who are also signatories to this Agreement; and

WHEREAS, it is recognized that on a project of this magnitude with multiple contractors and bargaining units on the job site at the same time over an extended period of time, the potential for work disruption is substantial without an overriding commitment to maintain continuity of work; and

WHEREAS, the interests of the general public, District, the Union(s) and Contractor/Employer(s) would be best served if the construction work proceeded in an orderly manner without disruption because of strikes, sympathy strikes, work stoppages, picketing, lockouts, slowdowns or other interferences with work; and

WHEREAS, the Contractor/Employer(s) and the Union(s) desire to mutually establish and stabilize wages, hours and working conditions for the workers employed on the Project by the Contractor/Employer(s), and further, to encourage close cooperation among the Contractor/Employer(s) and the Union(s) so that a satisfactory, continuous and harmonious relationship will exist among the parties to this Agreement; and

WHEREAS, the parties agree that one of the primary purposes of this Agreement is to avoid the tensions that might arise on the Project if union and non-union workers of different employers were to work side by side on the Project thereby leading to labor disputes that could delay completion of the Project; and

WHEREAS, this Agreement is not intended to replace, interfere with, abrogate, diminish or modify existing local or national collective bargaining agreements in effect during the duration of the Project, insofar as a legally binding agreement exists between the Contractor/Employer(s) and the affected Union(s), except to the extent that the provisions of this Agreement are inconsistent with said collective bargaining agreements, in which event, the provisions of this Agreement shall prevail; and

WHEREAS, the contract(s) for construction work on the Project will be awarded in accordance with the applicable provisions of the California Public Contract Code and the District's Local Business Utilization policy; and

WHEREAS, the District desires to provide construction training and employment opportunities for OUSD graduates and residents of Oakland through apprentice and pre-apprentice programs; and

WHEREAS, the parties to this Agreement pledge their full good faith and trust to work towards a mutually satisfactory completion of the Project;

NOW, THEREFORE, IT IS AGREED BETWEEN AND AMONG THE PARTIES HERETO, AS FOLLOWS:

ARTICLE 1

DEFINITIONS

- 1.1 "District" means the Oakland Unified School District.
- 1.2 "Agreement" means this Project Labor Agreement and all Addenda attached hereto.
- 1.3 "Agreement To Be Bound" means the document, as set forth in Addendum A hereto, that formally binds the Contractor/Employer(s) to comply with all the terms and conditions of this Agreement and that operates as a pre-condition to performing work on the Project.

- 1.4 "Apprentice" means an individual registered and participating as an apprentice in a Joint Labor/Management Apprenticeship Program approved by the State of California, Department of Industrial Relations, Division of Apprenticeship Standards.
- 1.5 "Completion" of work on a project means that point at which the District has determined that the work to construct the project is in all respects 100% complete and that all contract drawings, warranties, certificates, manuals and data have been submitted and training completed in accordance with the contract documents. Division of State Architect approval is not required for a determining that a project is complete.
- 1.6 "Construction Contract" means the public works or improvement contract(s), including design-bid-build, design-build, lease-leaseback or other contracts under which construction of the Project is done, which will be awarded by the District and which are necessary to complete the Project, including subcontracts at any tier.
- 1.6 "Contractor/Employer(s)" means any individual, firm, partnership or corporation, or combination thereof, including joint ventures, and their successors and assigns, that is an independent business enterprise and enters into a contract with the District or any of its contractors or subcontractors at any tier, with respect to the construction of any part of the Project under contract terms and conditions approved by the District and which incorporate this Agreement.
- 1.7 "Coordinator" means a designated Agent(s) of the district with authority to act pursuant to this Agreement.
- 1.7 "Council" means the Building and Construction Trades Council of Alameda County, AFL-CIO.
- 1.8 "Master Labor Agreement" ("MLA") means the Master Collective Bargaining Agreement of each craft Union(s) signatory to this Agreement, incorporated herein by reference, of which a copy of the most current version, including any amendments shall be made available the District upon request.
- 1.9 "Project" means a work of improvement for the construction of projects described in section 2.3.
- 1.10 "Sole Operator" means a licensed contractor with no employees and exempted by the Contractor's State License Board from the requirement to carry workers' compensation insurance. (*See: California Business and Professions Code section 7125.*)
- 1.11 "Trust Fund(s)" means an agreement for an established vacation, pension or other form of deferred compensation plan, apprenticeship, health benefit, and worker protection and assistance funds established by an applicable Master Labor Agreement.
- 1.12 "Union(s)" means the Building and Construction Trades Council of Alameda County, AFL-CIO and any affiliated Labor Organization signatory to this Agreement, acting on their own behalf and on behalf of their respective affiliates and member

organizations, whose names are subscribed hereto and who have through their officers executed this Agreement.

1.13 "Oakland Resident" means any individual who at any time during the Projects' construction can certify through a utility bill, or other similar means acceptable to the parties to this Agreement, that the individual resided within the boundaries of the Oakland Unified School District on the date of such certification and the effective date of this Agreement.

1.14 "District Graduate" is a person who attended school in Oakland, has a high school diploma or equivalent credential, and currently resides within the boundaries of the Oakland Unified School District.

ARTICLE 2

SCOPE OF AGREEMENT

2.1 **Scope:** The District will apply this Agreement as a contract specification to the award of all construction contracts as specifically defined herein under this Article 2 of this Agreement.

2.2 **Parties:** The Agreement shall apply and is limited to all Contractor/Employer(s) performing or subcontracting work on the Project (including subcontractors at any tier), the District, the Council and the Union(s) signatory to this Agreement, acting on their own behalf and on behalf of their respective affiliates and member organizations, whose names are subscribed hereto and who have through their officers executed this Agreement.

2.3 **Project Description:** All District public work construction projects ("Project(s)") contracted by the District funds. The District may exclude, at its discretion, up to 5% of all capital funds available to the District for its Projects during the term of this Agreement. It is expected that the application of this 5% exclusion will not disproportionately affect any one craft. This exclusion will be reviewed by the Parties on an annual basis as requested by either Party or during an agenzized JAC meeting.

2.4 **Covered Work:** This Agreement covers, all site preparation, surveying, construction, alteration, demolition, installation, painting, improvement or repair of buildings, structures and other works, and related activities for the Project, including geotechnical and exploratory drilling conducted after bid, temporary HVAC, landscaping and temporary fencing, installation of modular office systems when associated with a covered project, and that is within the craft jurisdiction of one of the Union(s) and which is directly or indirectly part of the Project, including, without limitation to the following examples, pipelines (including those in linear corridors built to serve the project), pumps, pump stations and start-up., .On-site work includes work done for the Project in temporary yards, dedicated sites, or areas adjacent to the Project, and at any on-site or off-site batch plant constructed solely to supply materials to the Project. This scope of work includes all on-site soils and

materials testing and inspection, where such testing and inspection is a classification in which a prevailing wage determination has been published.

- 2.4.1 This Agreement shall apply to any start-up, calibration, commissioning, performance testing, repair, operational revisions to systems and/or subsystems performed on covered work after Project Completion, unless the covered work it is performed by District employees.
- 2.4.2 This Agreement covers all on-site fabrication work over which the District, or its contractor(s) or subcontractor(s) possess the right of control (including work done for the Project in any temporary yard or area established for the Project.). Additionally, it is agreed hereby that this Agreement covers any off-site work, including fabrication work necessary for the Project defined herein, that is covered by a current MLA or local addenda to a National Agreement of the applicable Union(s) that is in effect as of the execution date of this Agreement.
- 2.4.3 The furnishing of supplies, equipment or materials which are stockpiled for later use shall not be covered by this Agreement. However, construction trucking work, such as the delivery of ready-mix, asphalt, aggregate, sand or other fill material which are incorporated into the construction process as well as the off-hauling of debris and excess fill, material and/or mud, shall be covered by the terms and conditions of this Agreement.
- 2.4.5 It is agreed that the District shall require all Contractors of whatever tier who have been awarded contracts for work covered by this Agreement, to accept and be bound by the terms and conditions of this Project Agreement by executing the **Letter of Assent (Attachment A)** prior to commencing work. The District shall assure compliance with this Agreement by the Contractors. It is further agreed that, where there is a conflict, the terms and conditions of this Project Agreement shall supersede and override terms and conditions of any and all other national, area, or local collective bargaining agreements, except that work covered by this Agreement within the following craft jurisdictions shall be performed under the terms of their National Agreements as follows: the NTL Articles of Agreement, the National Stack/Chimney Agreement, the National Cooling Tower Agreement, and the National Agreement of Elevator Constructors, and any instrument calibration work and loop checking shall be performed under the terms of the UA/IBEW Joint National Agreement for Instrument and Control Technicians, with the exception that Articles V, VI and XI of this Agreement shall apply to such work. It is understood that this, together with the MLAs, is a self-contained, stand alone, Agreement and that by virtue of having become bound to this Project Agreement, neither the District nor the Contractors will be obligated to sign any other local, area, or national agreement.
- 2.5 The on-site installation or application of all items shall be performed by the craft having jurisdiction over such work as set forth under the provisions of this Agreement; provided, however, it is recognized that installation of specialty items which may be furnished by the owner of the Project or a contractor shall be performed by construction persons employed under this Agreement who may be directed by other personnel in a supervisory role.

- 2.6 After installation by the Contractor(s) and upon the issuance of a notice of final completion or formal acceptance of a portion of the project or a building system by the District, it is understood, the District reserves the right to perform start-up, operation, repair, maintenance or revision of equipment or systems with employees of the District. If required, the service representative may make a final check and may direct on site craftworkers, covered by this agreement, to make any necessary repairs to protect the terms of a manufacturer's guarantee or warranty prior to start-up of a piece of equipment.
- 2.7 It is expressly agreed and understood by the parties hereto that the District shall have the right to purchase material and equipment from any source, except where limited by this Agreement, and the craftspersons will handle and install such material and equipment.
- 2.8 Exclusions. The following shall be excluded from the scope of this Agreement:
- 2.8.1 The Agreement is not intended to, and shall not affect or govern the award of public works contracts by the District which are not included in the Project.
- 2.8.2 The Agreement shall not apply to a Contractor/Employer(s)' non-construction craft employees, including but not limited to executives, managerial employees, engineering employees and supervisors above the level of General Foreman (except those covered by existing MLAs), staff engineers or other professional engineers, administrative and management. This Agreement shall not apply to Professional Services so long as the work performed is not subject to Prevailing Wage classifications.
- 2.8.3 This Agreement shall not apply to any work performed on or near or leading to the site of work covered by this Agreement that is undertaken by state, county, city or other governmental bodies or their contractors; or by public or private utilities or their contractors.
- 2.8.4 Off-site maintenance of leased equipment and on-site supervision of such work;
- 2.8.5 The District shall not be required to comply with this Agreement for any work performed with its own forces as permitted by the Public Contract Code and Education Code.
- 2.9 Award of Contracts: It is understood and agreed that the District shall have the absolute right to select any qualified bidder for the award of contracts under this Agreement, and in accord with the District's Local Business Policy. The bidder need only be willing, ready and able to execute and comply with this Agreement.

ARTICLE 3

EFFECT OF AGREEMENT

- 3.1 By executing the Agreement, the Union(s) and District agree to be bound by each and all of the provisions of the Agreement.
- 3.2 By accepting the award of a construction contract for the Project, whether as contractor or subcontractor, the Contractor/Employer(s) agrees to be bound by each and every provision of the Agreement and agrees that it will evidence its acceptance prior to the commencement of work by executing the **Agreement To Be Bound** in the form attached hereto as **Addendum A**.
- 3.3 At the time that any Contractor/Employer(s) enters into a subcontract with any subcontractor providing for the performance of a construction contract, the Contractor/Employer(s) shall provide a copy of this Agreement to said subcontractor and shall require the subcontractor as a part of accepting an award of a construction subcontract to agree in writing to be bound by each and every provision of this Agreement prior to the commencement of work. The obligations of a Contractor/Employer(s) may not be evaded by subcontracting.
- 3.4 Each Contractor/Employer(s) shall give written notice to the Union(s) of any subcontract involving the performance of work covered by this Agreement within either seven (7) days of entering such subcontract or before such Contractor/Employer(s) commences work on the Project, whichever occurs first. Such notice shall specify the name, address, phone number, and the California State License Board license number of the Contractor/Employer(s). Written notice at a Pre-Job Conference shall be deemed written notice under this provision for those Contractor/Employer(s) listed and present at the Pre-Job only.
- 3.5 The provisions of this Agreement, including MLA's, shall apply to the work covered by this Agreement, notwithstanding the provisions of any other local, area and/or national agreements which may conflict with or differ from the terms of this Agreement. Where a subject covered by the provisions of this Agreement is also covered by a MLA, the provisions of this Agreement shall prevail. Where a subject is covered by the provisions of a MLA and is not covered by this Agreement, the provisions of the MLA shall prevail.
- 3.6 (a) With regard to any Contractor/Employer(s) that is independently signed to any MLA, this Project Labor Agreement shall in no way supersede or prevent the enforcement of any subcontracting clause contained in such MLA, except as specifically set forth in subsection (b) of this Section 3.6. Any such subcontracting clause in an MLA shall remain and be fully enforceable between each craft union and its signatory employers, and no provision of this Project Labor Agreement shall be interpreted and/or applied in any manner that would give this Project Labor Agreement precedence over subcontracting obligations and restrictions that exist between craft unions and their respective signatory employers under an MLA, except as specifically set forth in subsection (b) of this Section 3.6.

- (b) If a craft union (hereafter "Aggrieved Union") believes that an assignment of work on this Project has been made improperly by a contractor or subcontractor, even if that assignment was as a result of another craft union's successful enforcement of the subcontracting clause in its MLA, as permitted by subsection (a) of this Section 3.6, the Aggrieved Union may submit a claim under the jurisdictional resolution process contained in Article 6 of this PLA, and the decision rendered as part of that process shall be enforceable to require the contractor or subcontractor that made the work assignment to assign that work prospectively to the Aggrieved Union. An award made to a craft union under the subcontracting clause of its MLA, as permitted pursuant to Section 3.6 (a) of this Article, shall be valid and fully enforceable by that craft union unless it conflicts with a jurisdictional award made pursuant to this Agreement. If the award made under the MLA conflicts with the jurisdictional award, the award of any damages under the former shall be null and void ab initio.

ARTICLE 4

RELATIONSHIP BETWEEN PARTIES

- 4.1 This Agreement shall only be binding on the signatory parties hereto, their successors and assigns, and shall not apply to parents, affiliates, subsidiaries, or other ventures of any such party.
- 4.2 Each Contractor/Employer(s) shall alone be liable and responsible for its own individual acts and conduct and for any breach or alleged breach of this Agreement. Any alleged breach of this Agreement by a Contractor/Employer(s) or any dispute between the Union(s) and the Contractor/Employer(s) respecting compliance with the terms of this Agreement, shall not affect the rights, liabilities, obligations and duties between the signatory Union(s) and each other Contractor/Employer(s), party to this Agreement.
- 4.3 It is mutually agreed by the parties that any liability of a Union(s) shall be several and not joint. Any alleged breach of this Agreement by a signatory Union(s) shall not affect the rights, liabilities, obligations and duties between the Contractor/Employer(s) and the other Union(s) party to this Agreement.
- 4.4 It is recognized by the parties to this Agreement that the Contractor/Employer(s) are acting only on behalf of said Contractor/Employer(s), and said Contractor/Employer(s) have no authority, either expressed, implied, actual, apparent or ostensible, to speak for or bind the District.

ARTICLE 5

NO STRIKES - NO LOCKOUTS

- 5.1 The Union(s), District and Contractor/Employer(s) covered by the Agreement agree that for the duration of the Project:
- 5.1.1 There shall be no strikes, sympathy strikes, work stoppages, picketing, hand billing or otherwise advising the public that a labor dispute exists, or

slowdowns of any kind, for any reason, by the Union(s) or employees employed on the Project, at the job site of the Project because of a dispute on the Project or on any other District construction projects otherwise exempted or excepted under Article 2 from this Agreement.

5.1.2 As to employees employed on the Project, there shall be no lockout of any kind by a Contractor/Employer(s) covered by the Agreement.

5.1.3 If a master collective bargaining agreement expires before the Contractor/Employer(s) completes the performance of the Construction Contract and the Union(s) or Contractor/Employer(s) gives notice of demands for a new or modified master collective bargaining agreement, the Union(s) agrees that it will not strike on work covered under this Agreement and the Union(s) and the Contractor/Employer(s) agree that the expired master collective bargaining agreement shall continue in full force and effect for work covered under this Agreement until a new or modified master collective bargaining agreement is reached. If the new or modified master collective bargaining agreement provides that any terms of the master collective bargaining agreement shall be retroactive, the Contractor/Employer(s) agrees to comply with any retroactive terms of the new or modified master collective bargaining agreement which are applicable to employees who were employed on the projects during the interim, with retroactive payment due within seven (7) days of the effective date of the modified Master Agreement.

5.1.4 Withholding employees for failure of a Contractor/Employer(s) to tender timely Trust Fund(s) contributions as required in accordance with Article 16 and/or for failure to timely meet its weekly payroll is not a violation of this Article 5; however, the Union(s) shall give the affected Contractor/Employer(s) and the District written notice seventy two (72) hours prior to the withholding of employees when repeated failure to tender Trust Fund(s) contributions has occurred. There shall be forty-eight (48) hours' notice when repeated failure to meet weekly payroll has occurred, or when paychecks are determined to be nonnegotiable by a financial institution normally recognized to honor such paychecks. For purposes of this section, repeated failure means failure to meet payroll obligations on at least 2 separate occasions. Union(s) shall stop withholding employees within 24 hours of Contractor/Employer curing its contribution or paycheck violations.

Should a Contractor/Employer(s) performing work on this Project be delinquent in the payment of Trust Fund(s) contributions required under this Agreement, the Union(s) may request that the general Contractor/Employer(s) issue joint checks payable to the Contractor/Employer(s) and the appropriate employee benefit Trust Fund(s), on behalf of the employee(s) until such delinquencies are satisfied. Any Trust Fund(s) claiming that a Contractor/Employer(s) is delinquent in its fringe benefit contributions to the Trust Fund(s) will provide written notice of the alleged delinquency to the affected Contractor/Employer(s), with copies to the General Contractor/Employer(s) and the District. The notice will indicate the amount of delinquency asserted and the period that the delinquency covers. It is agreed, however, with respect to Contractor/Employer(s) delinquent in

trust or benefit contribution payments, that nothing in this Agreement shall affect remedies available under the MLAs. If the General Contractor/Employer(s) is delinquent in the payment of Trust Fund(s) contributions for covered work performed on this project, the General Contractor/Employer(s) agrees that the affected Trust Fund(s) may place the District on notice of such delinquencies and the General Contractor/Employer(s) further agrees that the District may withhold payment, in whole or in part, until the delinquency is satisfied. If the delinquency remains unsatisfied for more than 30-days, District shall be authorized to issue joint checks to the General Contractor/Employer(s) and the Trust Fund(s), on behalf of the affected employee(s). This withhold and/or joint check issuance shall be the only remedy available to either the Union(s) or Trust Fund(s) under this Agreement. The aggrieved Union(s) or Trust Fund(s) herein agree not file a stop payment notice pursuant to Civil Code section 8100 et seq., unless the District fails to withhold payment or issue joint checks as specified herein, provided, however, that the District shall have 30 additional days from the delinquency withhold to process the joint check warrants.

5.1.5 If the District contends that any Union has violated this Article, it will notify in writing (including email) the Secretary-Treasurer/Business Manager/Senior Executive of the Council and the Senior Executive of the Union, setting forth the facts alleged to violate the Article, prior to instituting the expedited arbitration procedure set forth below. The Council will immediately use his/her best efforts to cause the cessation of any violation of this Article, including the release of any improperly filed stop payment notice. The leadership of the Union will immediately notify the membership of its obligations under this Article.

5.2 Expedited Arbitration: Any party to this Agreement shall institute the following procedure, prior to initiating any other action at law or equity, when a breach of this Article is alleged to have occurred:

5.2.1 A party invoking this procedure shall notify Bob Hirsch, as the permanent Arbitrator, or, Barry Winograd, as the alternate Arbitrator under this procedure. In the event that the permanent Arbitrator is unavailable at any time, the alternate will be contacted. If neither is available, then a selection shall be made from the list of Arbitrators in Article 11.2.2, Step 5. Notice to the Arbitrator shall be by the most expeditious means available, with notices by facsimile, email or telephone to the District and the party alleged to be in violation, and to the Council and involved local Union(s) if a Union(s) is alleged to be in violation.

5.2.2 Upon receipt of said notice, the District will contact the designated Arbitrator named above or his alternate who will attempt to convene a hearing within twenty-four (24) hours if it is contended that the violation still exists.

- 5.2.3 The Arbitrator shall notify the parties by facsimile, email or telephone of the place and time for the hearing. Said hearing shall be completed in one session, which, with appropriate recesses at the Arbitrator's discretion, shall not exceed twenty-four (24) hours unless otherwise agreed upon by all parties. A failure of any party to attend said hearings shall not delay the hearing of evidence or the issuance of an award by the Arbitrator.
- 5.2.4 The sole issue at the hearing shall be whether or not a violation of Article 5, Section 5.1 of the Agreement has occurred. The Arbitrator shall have no authority to consider any matter of justification, explanation or mitigation of such violation or to award damages, which issue is reserved for court proceedings, if any. The award shall be issued in writing within three (3) hours after the close of the hearing, and may be issued without a written opinion. If any party desires a written opinion, one shall be issued within fifteen (15) days, but its issuance shall not delay compliance with or enforcement of the award. The Arbitrator may order cessation of the violation of this Article and other appropriate relief and such award shall be served on all parties by hand or certified mail upon issuance. Should a party found in violation of this Article fail to comply with an Arbitrator's award to cease the violation, the party in violation shall pay to the affected party as liquidated damages the sum of ten thousand dollars (\$10,000.00) per shift for which it failed to comply, or portion thereof, until such violation is ceased. The Arbitrator shall retain jurisdiction to resolve any disputes regarding the liquidated damages claimed under this section.
- 5.2.5 Such award may be enforced by any Court of competent jurisdiction upon the filing of this Agreement and all other relevant documents referred to above in the following manner. Written notice of the filing of such enforcement proceedings shall be given to the other party. In the proceeding to obtain a temporary order enforcing the Arbitrator's award as issued under Section 5.2.4 of this Article, all parties waive the right to a hearing and agree that such proceedings may be ex parte. Such agreement does not waive any party's right to participate in a hearing for a final order or enforcement. The Court's order or orders enforcing the Arbitrator's award shall be served on all parties by hand or delivered by certified mail.
- 5.2.6 Any rights created by statute or law governing arbitration proceedings inconsistent with the above procedure, or which interfere with compliance, are waived by the parties.
- 5.2.7 The fees and expenses of the Arbitrator shall be divided equally between the party instituting the arbitration proceedings provided in this Article and the party alleged to be in breach of its obligation under this Article.

ARTICLE 6

WORK ASSIGNMENTS AND JURISDICTIONAL DISPUTES

- 6.1 The assignment of Covered Work will be solely the responsibility of the Contractor/Employer(s) performing the work involved; and such work assignments

will be in accordance with the Plan for the Settlement of Jurisdictional Disputes in the Construction Industry (the "Plan") or any successor Plan.

6.2 All jurisdictional disputes on this Project between or among the Union(s) and the Contractor/Employer(s), parties to this Agreement, shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department, or any other plan or method of procedure that may be adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Contractor/Employer(s) and Union(s) parties to this Agreement.

6.2.1 If a dispute arising under this Article involves the Northern California Carpenters Regional Council or any of its subordinate bodies, an Arbitrator shall be chosen by the procedures specified in Article V, Section 5, of the Plan from a list composed of John Kagel, Thomas Angelo, Robert Hirsch, and Thomas Pagan, and the Arbitrator's hearing on the dispute shall be held at the offices of the California State Building and Construction Trades Council in Sacramento, California, within 14 days of the selection of the Arbitrator. All other procedures shall be as specified in the Plan.

6.3 All jurisdictional disputes shall be resolved without the occurrence of any strike, work stoppage, or slow-down of any nature, and the Contractor/Employer(s)' assignment shall be adhered to until the dispute is resolved. Individuals violating this Section shall be subject to immediate discharge.

6.4 Each Contractor/Employer(s) shall conduct a Pre-Job Conference with the Council prior to commencing Covered Work. The Primary Employer and the District will be advised in advance of all such conferences and may participate if they wish. Pre-job conferences for different Contractor/Employer(s) may be held together.

ARTICLE 7

PRE-JOB CONFERENCES

7.1 Prior to the commencement of any Project Work, the Prime Employer shall notify the Council of the need to convene a preconstruction conference. Such conference shall be held in a timely manner a minimum of seven (7) days prior to the commencement of each and every construction phase or construction contract for the Project. The preconstruction conference shall be conducted by the Council and held at a location selected by the Council. Such preconstruction conference shall be attended by a representative each from the participating Contractor(s) and Union(s) and the Prime Employer.

7.2 All Contractor(s) at all tiers that are required to participate in the preconstruction conference shall be prepared to make Craft assignments of work and to discuss in detail all issues that may impact or are relevant to the particular construction work being performed and shall include, but not be limited to, the information as set forth below.

- (a) A listing of each Contractor(s)'s scope of work, including the estimated start and completion dates;
- (b) A listing of all sub-contractors performing work under the direction of each Contractor(s) participating in the preconstruction conference;
- (c) The estimated number of craft workers required to perform the work;
- (d) A copy of the signed Letter of Assent for each Contractor(s);
- (e) A listing of all Sole Operators performing work on the Project and subject to Article 13.2 of this Agreement.

7.3 Review Meetings - In order to ensure the terms of this Agreement are being fulfilled and all concerns pertaining to the Prime Contractor(s), the Union(s), and the Contractor(s) are addressed, the Prime Contractor(s), General Contractor(s) and Secretary-Treasurer of the Council or designated representatives thereof shall meet on a periodic basis during the term of construction.

ARTICLE 8

MANAGEMENT RIGHTS

8.1 Consistent with the MLAs, the Contractor/Employer(s) shall retain full and exclusive authority for the management of their operations, including the right to direct their work force in their sole discretion. No rules, customs or practices shall be permitted or observed which limit or restrict production, or limit or restrict the working efforts of employees except that lawful manning provisions in the MLA shall be recognized.

ARTICLE 9

WORK RULES

9.1 Work rules shall apply as set forth in the applicable MLA.

ARTICLE 10

JOINT ADMINISTRATIVE COMMITTEE

10.1 The parties to this Agreement shall establish a four (4) person Joint Administrative Committee. This Committee shall be comprised of two (2) representatives selected by the District and two (2) representatives selected by the Council. The District and the Council shall designate alternates who shall serve in the absence of designated representatives for any purpose contemplated by this Agreement. The Joint Administrative Committee shall meet quarterly, or at the request of either Party to this Agreement to review the implementation of the Agreement and the progress of the Projects. It shall be the responsibility of the Coordinator to convene and facilitate the quarterly meetings and any other meetings requested by the Parties.

10.2 The Joint Administrative Committee shall appoint a Joint Administrative Subcommittee consisting of one District representative and one Union(s) representative for the purpose of convening to confer in an attempt to resolve a

grievance that has been filed consistent with Article 11. Any question regarding the meaning, interpretation, or application of the provisions of this Agreement shall be referred directly to the Joint Administrative Subcommittee for resolution. The Joint Administrative Subcommittee shall meet as required to resolve grievances by majority vote with such resolutions to be final and binding on all signatories of the Agreement. A failure of any party or parties to attend said hearing shall not delay the hearing of evidence or issuance of an award by the Joint Administrative Subcommittee, if such award is made by a majority vote, and the hearing shall proceed ex parte. If the subcommittee is unable to resolve the grievance, the grievance may be referred in accordance with Step 4 of Article 11.

ARTICLE 11

GRIEVANCE PROCEDURE

- 11.1 All disputes concerning the interpretation and/or application of this Agreement which do not fall within the Article 5, No Strikes - No Lockouts procedure or Article 6, Work Assignments and Jurisdictional Disputes shall be governed by the following grievance and arbitration procedure.

Employee Grievances: All disputes involving discipline and/or discharge of employees working on the Project shall be resolved through the grievance and arbitration provision contained in the MLA for the craft of the affected employee. No employee working on the Project shall be disciplined or dismissed without just cause.

- 11.2 Grievances between the parties regarding interpretation and/or application of this Agreement shall be pursued according to the following provisions:

11.2.1 A grievance shall be considered null and void if not brought to the attention of the party against whom the grievance is filed within ten (10) working days after the grievance is alleged to have occurred but in no event more than thirty (30) days after the charging party became aware of the event giving rise to the dispute.

11.2.2 Grievances between the parties regarding provisions of this Agreement shall be settled or otherwise resolved according to the following Steps and provisions:

Step 1: A representative of the grievant and the party against whom the grievance is filed shall meet and attempt to resolve the grievance.

Step 2: In the event the matter remains unresolved in Step 1 above, within five (5) working days, the grievance shall be reduced to writing and may then be referred by the grieving party to the other party for discussion and resolution.

Step 3: In the event that the representatives are unable to resolve the dispute within the five (5) working days after its referral to Step 2, either involved party may submit the dispute within five (5) working days to the Joint Administrative Subcommittee established in Section 10.2. The Joint Administrative Subcommittee shall meet within five (5)

working days after such referral (or such longer time as is mutually agreed upon by the representatives on the Joint Administrative Subcommittee) to confer in an attempt to resolve the grievance. If a Union(s) is party to the grievance, regardless of which party has initiated the grievance proceeding, prior to the meeting of the Joint Administrative Subcommittee, the Union(s) shall notify its International Union Representative(s), which shall advise both parties if it intends on participating in the meeting. The participation by the International Union Representative in this Step 3 meeting shall not delay the time set herein for the meeting, unless otherwise mutually agreed by the parties. If the dispute is not resolved by the Joint Administrative Subcommittee, it may be referred within five (5) working days by either party to Step 4.

At the time a grievance is submitted under this Agreement or any MLA, the Union(s) may request that the District withhold and retain an amount from what is due and owing to the Contractor/Employer(s) against whom the grievance is filed, sufficient to cover the damages alleged in the grievance, should the Union(s) prevail.

The amount shall be retained by the District until such time as the underlying grievance giving rise to the retention is withdrawn, settled, or otherwise resolved, and the retained amount shall be paid to whomever the parties to the grievance shall decide, or to whomever an Arbitrator shall so order.

Step 4: In the event the matter remains unresolved in Step 3, either Party may request, within five (5) working days, that the dispute be submitted to arbitration. The time limits set out in this procedure may, upon mutual agreement, be extended. Any request for arbitration, request for extension of time limits, and agreement to extend such time limits shall be in writing.

Step 5: The Parties agree that the Arbitrator who will hear the grievance shall be selected from the following: William Riker, Robert Hirsch, and Barry Winograd. The parties shall flip a coin to determine who shall strike the first name and shall then alternately strike names from the list and the last remaining name shall be the neutral third party Arbitrator who shall resolve the dispute in a final and binding manner. Should a Party to the procedure fail or refuse to participate in the hearing, if the Arbitrator determines that proper notice of the hearing has been given, said hearing shall proceed to a default award. The Arbitrator's award shall be final and binding on all Parties to the arbitration. The costs of the arbitration, including the Arbitrator's fee and expenses, shall be borne equally by the Parties. The Arbitrator's decision shall be confined to the question(s) posed by the grievance and the Arbitrator shall not have authority to modify amend, alter, add to, or subtract from, any provisions of this Agreement.

- 11.3 Grievances between a Union(s) and a Union(s)' signatory Contractor/Employer(s) involving interpretation or application of the MLA shall be governed by the grievance procedures contained in the MLA.

ARTICLE 12

UNION RECOGNITION AND REPRESENTATION

- 12.1 The Contractor/Employer(s) recognize the Union(s) signatory hereto as the sole and exclusive collective bargaining representatives for all craft employees on the Project.
- 12.2 The Contractor/Employer(s) shall require all employees who work on a Construction Contract on or before eight days of consecutive or cumulative employment on the Project to comply with the applicable Union(s)' security provisions, and to maintain compliance for the period of time they are performing work on the Project, which requirement shall be satisfied by the tendering of periodic dues and fees uniformly required to the extent allowed by law. Further, there is nothing in this Agreement that would prevent non-union employees from joining the Union(s).
- 12.3 Authorized representatives of the Union(s) shall have access to the site at all times. Such representatives shall comply with reasonable visitor safety and security rules established for the Project.

ARTICLE 13

REFERRAL PROCESS

13. The Union(s) shall be the primary source of all craft labor employed on the Project. However, in the event that an Oakland Certified Local Business Contractor has its own core workforce, or a non-Local Contractor/Employer has Oakland Residents on its own core workforce, (collectively "Core Employees") the following provisions shall apply, consistent with the MLA hiring hall provisions:

A. Contractor/Employers with Oakland Resident employees may request by name, and the Union(s) shall honor, referral of persons who have applied to the local union for Project work and who demonstrate the following qualifications:

- 13.1.1 possess any license and/or certifications required by state or federal law for the Project work to be performed;
- 13.1.2 have worked a total of at least one thousand five hundred (1500) hours in the construction craft during the prior three (3) years;
- 13.1.4 were on the Contractors' active payroll for at least sixty (60) out of one hundred forty (140) days the Contractor was actively performing work prior to the contract award;

13.1.5 have the ability to perform safely the basic functions of the applicable trade;
and

13.1.6 be an Oakland Resident at least six months prior to the award of the contract
for which they are being dispatched.

B. Oakland Certified Small Local Contractors may request by name, and the Union(s) shall honor, referral of persons who have applied to the local union for Project work and who demonstrate the following qualifications:

13.1.6 possess any license and/or certifications required by state or federal law for
the Project work to be performed;

13.1.7 have worked a total of at least five hundred (500) hours in the construction
craft during the prior three (3) years;

13.1.8 were on the Contractors' active payroll for at least forty-five (45) out of the
one hundred forty (140) calendar days prior to the contract award.; and

13.1.9 have the ability to perform safely the basic functions of the applicable trade.

13.2 A Sole Operator, as defined in this Agreement under section 1.10, self-performing work on a covered Project shall not be required to request dispatch from the union hall with jurisdiction over the Sole Operator's work. However, if the Sole Operator hires any additional employees subsequent to starting work on a covered Project, the Sole Operator will be treated as the core employee and any subsequent employee(s) will be dispatched from the hiring hall. Before hiring an employee(s) on the Project, the Sole Operator must request permission from the JAC through the Coordinator and provide evidence of compliance with CLSB and Workers Compensation requirements. For purposes of this Agreement, Trucking Sole Operators will be treated as the core employee, but must nevertheless be dispatched from the hiring hall, will be exempt from trust fund obligations but must pay representational fees. All Sole Operators, including truckers, must sign this Agreement's Letter of Assent prior to starting work on a covered Project

13.3 The Union will first refer to such Local or Non-local Contractor/Employer(s) one employee from the hiring hall out-of-work list for each affected craft and will then refer one of the Core Employees who meet the listed qualifications. This referral process shall be repeated until such Contractor/Employer's crew requirements are met or until such Contractor has hired five (5) Core workers, whichever occurs first. Thereafter, all additional employees in the affected trade or craft shall be hired exclusively from the hiring hall out-of-work list(s). Employees shall be laid off in the same one-for-one manner in the inverse order of their hiring. For the duration of the Contractors' work the ratio shall be maintained and when the Contractors' workforce is reduced, Employees shall be laid off in the same ratio of core employees to hiring hall referrals as was applied in the initial hiring. Contractors signatory to a Local, Regional, and/or National collective bargaining agreement(s) with Signatory Union(s) hereto shall be bound to use the hiring hall provisions contained in the relevant MLA of the affected Union(s), and nothing in the referral provisions of this Agreement shall be construed to supersede the local hiring hall provisions of the MLAs as they relate to such Contractors.

- 13.4 All Contractors shall be bound by and utilize the registration facilities and referral systems established or authorized by the Signatory Union(s) so long as such procedures are in compliance with applicable federal, state or local law. The Contractor shall have the right to determine the competency of all employees and may reject any referral for any reason, provided that the Contractor complies with Article 22, Non-Discrimination, and in accordance with the applicable MLA.
- 13.5 In accordance with the Master Labor Agreement and in the event that referral facilities maintained by the Union(s) are unable, despite good faith efforts, to fill the request of a Contractor for employees within a forty-eight (48) hour period after such request is made by the Contractor, Saturdays, Sundays and Holidays excluded, the Contractor shall be free to obtain work persons from any source ("Alternative Employees"). Upon hiring Alternative Employees, the Contractor shall immediately notify the appropriate Union(s) of the name and address of the Alternative Employees hired, which Alternative Employees shall be bound by the provisions of this Article and the Union(s)' hiring hall rules.
- 13.6 The Union(s) will exert their utmost efforts to recruit sufficient numbers of skilled craft persons to fulfill the requirements of the Contractors. The parties to this Agreement support the development of increased numbers of skilled construction workers from the Residents of Oakland / District to meet the needs of the Project and the requirements of the industry generally. Accordingly, contingent upon request by the Contractor, the Unions agree to encourage the referral and utilization of Residents as journeyman and apprentices on the Project and the entrance of Residents into apprenticeships and training programs, as long as such Residents possess the requisite skills and qualifications.

ARTICLE 14

LOCAL HIRING

- 14.1 The Parties agree to achieve the inclusion of OUSD graduates and Oakland Residents in the employment and apprenticeship opportunities created by the Covered Work, which will be known as the Local Hiring Program (LHP). With day-to-day support from the District, the Joint Administrative Committee (JAC) formed pursuant to the provisions of Article 8 shall monitor the progress of the LHP and will serve as the central forum for representatives of all affected parties to exchange information and ideas and to advise the District staff and consultants concerning the implementation and enforcement of the LHP.
- 14.2 The parties agree to a goal that for each construction contract, Residents of the District will perform up to 50 percent (50%) of all hours worked on all covered projects, on a craft-by-craft basis, if such workers are available, capable and willing to work on the projects, together with the apprentice goals established in Article 15, below.
- 14.3 The Contractors shall make good faith efforts to reach these goals, as described in Article 14.4 below and to reach these goals in accordance with the hiring hall procedures listed in the MLAs and the procedures identified in Article 15.4. The

District and the Unions shall make good faith efforts to assist the Contractor in reaching this goal. In cases of alleged noncompliance, the issue may be initially referred to the JAC for resolution. If the JAC can make no resolution, the issue may then be referred to the grievance procedure described in Article 11 for a final and binding determination. For purposes of resolution of any dispute arising under this Section or Article, the District shall be considered a party-in-interest with full right of participation in the arbitration proceeding.

- 14.4 In accordance to the MLA dispatch procedures, the Contractors must take, and require their subcontractors to take, the following good faith steps to demonstrate that they have made every effort to reach the Local Hiring Goals:
- 14.4.1 The Contractors shall attend the scheduled pre-job meetings identified in Article 7. At this meeting, the Contractor must submit written workforce projections and projected man-hours on a craft-by-craft basis, consistent with the Contractor's bid proposal. In the event the pre-job meeting is waived, the Contractor must submit written workforce projections to the Coordinator within five (5) days.
 - 14.4.2 Within one week of the issuance of the Notice to Proceed, the Contractors shall meet with the District to review and approve the Contractor's compliance plan for reaching the Local Hiring and apprentice Goals, using the required compliance plan form provided by the District.
 - 14.4.3 The Contractors shall submit copies of hiring hall dispatch requests and responses to the Coordinator within ten (10) days of Coordinator's request at any point during the execution of the Project.
 - 14.4.4 The Contractors shall immediately contact the District if a union hiring hall dispatcher, upon request of the Contractor, is unable to dispatch local Residents.
 - 14.4.5 The Contractors shall use the "Name Call," "Rehire" or other available hiring hall procedures to reach goals and shall provide documentation of such requests to the Coordinator upon request per subsection.
 - 14.4.6 The Contractors shall use community based organizations from the list approved by the District and the Council as a resource for local labor resources, if a union cannot provide local Residents as requested.
 - 14.4.7 The Contractors shall sponsor local Residents as defined herein for apprenticeship, when possible.
 - 14.4.8 The Contractors shall maintain records for each Resident of Oakland/District who was referred but not hired along with an explanation why the worker was not hired. Upon request, such records shall be made available for review by the District, Coordinator, and JAC for the duration of the Covered Projects.
 - 14.4.9 The Contractors shall document participation in any local employment training programs and submit documentation of such to the Coordinator within ten (10) days if requested by Coordinator.

14.4.10 In the event that Local Unions are unable to fill any request for local employees within forty-eight (48) hours after such request is made by the Contractor (Saturdays, Sundays, and holidays excepted), the Contractor may employ local residents from any other available source, including District apprentice program graduates and community-based pre-apprentice organizations located within the District. However they must be dispatched through the union halls through the dispatch procedures outlined in the MLAs.

14.5 To the extent possible, the parties agree to implement the Local Hiring Program while complying with the District's Local Business programs for the covered project. To the extent that the District determines, in its sole discretion, that there is a conflict between the Local Hiring Program established in this Agreement and the District's Local Business Program, the conflict shall be resolved in favor of the Local Hiring Program on the construction work covered by this Agreement.

14.6 For the purposes of reaching the goal established in this Article, a Contractor may qualify for full credit toward the goal by employing OUSD Graduates and Oakland Residents for other work the Contractor is performing in any of the nine Bay Area counties of: Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Marin, Solano, Napa and Sonoma. Credit will only be given for work performed during the life of the Covered Project. In order to receive such credit, the Contractor must submit certified payrolls as documentation to the Coordinator. No credit for off-site work will be allowed until the Contractor has received approval from the District.

ARTICLE 15

APPRENTICES

15.1. The District and Unions recognize the need to maintain continuing support of programs designed to develop adequate numbers of competent workers in the construction industry. The District and the Unions agree to provide financial and other assistance to enhance and sustain such programs through appropriate sources. The Contractor(s) will employ apprentices in the respective crafts, which are performing work on the Covered Project, and within the jurisdiction of the craft in which those apprentices are working.

15.2. Subject to any restrictions contained in law, the Parties agree to a goal that apprentices will perform up to twenty percent (20%) of the total craft work hours. The Unions agrees to cooperate with the Contractor in furnishing apprentices as requested and in accordance to the dispatch procedures of the MLAs.

15.3. The parties agree to a goal that only Oakland residents, especially District graduates shall be utilized as apprentices. The Contractor shall make good faith efforts to reach this goal through the utilization of MLA hiring hall and apprentice procedures and, when apprentices are not available; Contractors shall work with community-based organizations such as, but not limited to, the Cypress Mandela Training Center and the West Oakland Jobs Resource Center to identify potential apprentices.

- a. For the purposes of meeting the goals established in Section 15.2 and 15.3, a Contractor may qualify for up to one-half (1/2) of the goal by employing Oakland resident apprentices, especially District graduates on non-Covered work the Contractor is performing at the same time it is working on Covered Project. In order to receive such credit, the Contractor must submit request for off-site credit along with supportive documentation such as but not limited to certified payroll reports to the Coordinator. No credit for other work will be allowed until the Contractor has received written approval from the Coordinator.
 - b. For the purposes of meeting the goal established in Section 15.2, District apprentices hired to perform Covered Project who have graduated and become journeypersons may continue to be counted towards the goal for the duration of the Covered Project or until such time as they are laid-off in the normal course of worker reductions at the end of the contractor's scope of work, whichever is sooner. In order to receive such credit, the Contractor must submit request for graduated apprentice credit along with supportive documentation such as but not limited to certified payroll reports to the Coordinator.
- 15.4. For each Covered Project, a Contractor and/or its subcontractors must hire at least one (1) Qualifying Apprentice (as described in 15.6a) for the first one million dollars (\$1 million) of construction bid value. For each additional five million dollars (\$5 million) of construction bid value (beyond the first \$1 million), a Contractor and/or its subcontractors must hire at least one (1) additional Qualifying Apprentice.
- a. A Contractor shall make a good faith effort to maximize the Covered Project hours for the Qualifying Apprentices and shall report those hours to the JAC through the Coordinator, which will evaluate those good faith efforts. A Contractor cannot hire more than one (1) Qualifying Apprentices exclusively for a single trade to satisfy the hiring goals in this section unless approved by the JAC.
 - b. A Contractor shall make all requests for apprentices in writing. The Contractor shall report the number of Qualifying Apprentices, date of hire and hours worked to the Coordinator as well as any information about the Contractor's hiring efforts. The Coordinator will evaluate such information to determine whether the Contractor has acted in good faith to comply with this section.
 - c. In accordance with the dispatch procedures of the MLAs, each Signatory Union will be responsible for dispatching/referring District residents as Qualifying Apprentices to a Contractor on a priority basis if they are available, capable and willing to work on Covered Project. If apprentice(s) are not available, a Contractor shall be free to obtain Qualifying Apprentices from the District.
 - d. The Coordinator will track all Contractor requests for District Qualifying Apprentices and the Union responses to such requests. Copies of the written

requests shall be provided to the Coordinator within ten (10) days of request by the Coordinator.

- 15.5. The parties to this agreement shall exercise, to the extent of their authority, their best efforts to recruit District graduates as apprenticeship program applicants. In coordination with the District, the Unions will conduct outreach activities to recruit and refer qualified District graduates to apprenticeship programs. In addition, The Unions agree, for the life of this Agreement, to the annual enrollment of no less than twenty-five (25) District graduates, at least ten (10) of whom will enter the List Trades. The responsibility of the District, working with the Unions and applicable community based organizations, is to maintain, provide and track a list of such graduates. These District graduates will become part of a pool of Qualifying Apprentices for the Contractor/Employers to draw from for hiring on Covered Project. The requirements of this Section are in addition to any other goals and requirements discussed in this Article.
- 15.6. For purposes of monitoring and compliance with respect to the enrolment requirements of Section 15.5, the District and the Unions agree to the following process:
- a. The District shall maintain and make available to the Unions a database of OUSD students enrolled in District sponsored construction related academies and District graduates of those academies. The District graduates must have graduated from MC3 approved pre-apprenticeship programs. Those would include, but may not be limited to, Cypress Mandela and Rising Sun,. These District students/graduates shall be referred to as "Qualifying Apprentices" for the purposes of assuring there is an adequate pool of Qualifying Apprentices for the Contractor/Employers to draw from on each Covered Project.
 - b. On an annual basis, in January, the Council shall submit a Plan for implementation (Plan) for approval by the JAC. The Plan will include projections/schedules for new apprentice intakes. It may also include the Union's commitment to job fairs, financial or human support in tutoring of District residents for math exam preparation, opportunities for District residents to enroll in union pre-apprenticeship programs, support of and participation in District high school construction academies, etc.
 - c. The Council will submit a bi-annual report to JAC on the status of recruitment, placement and retention of District apprentices, including details of outreach in the District. The reports should be made in person and with a representative of the applicable JATC present for participation in questions and discussion.
 - d. If the Council is found to be in apparent non-compliance with Article 15.5, the District may request that the Council to present to the JAC as to why the goals are not being met..

- e. If the Union fails to meet the goals of the revised Plan, the Coordinator may recommend to the JAC that the Union be referred to the grievance procedure outlined in Article 11.
 - f. At any time before referral arbitration, the Union will have the opportunity to make a satisfactory settlement agreement with the District.
- 15.7. Sanctions may be imposed for failure to meet, or demonstrate "good faith" effort to meet, any of the goals in this Article. In cases of alleged noncompliance, the issue may be referred to the JAC for resolution. If a majority of the JAC can make no resolution, the issue may then be referred to the grievance procedure of Article 11 (Grievance Procedure) for submission to an arbitrator for a final and binding determination. For purposes of resolution of any dispute arising under this Section, the District and the Coordinator shall be considered a party-in-interest with full right of participation in the arbitration proceeding.

ARTICLE 16

PRE-APPRENTICESHIP PROGRAMS

16.1 District and Unions are fully committed to workforce development, promoting local hiring and growing a pipeline of future employees who are Oakland residents to work on District capital projects funded with Oakland voter approved bonds. In order to achieve these goals the Parties hereby establishes the Construction and Building Trades Pre-Apprenticeship Program.

The Construction and Building Trades Pre-Apprenticeship Program is:

- a. A pathway similar to the Oakland College & Career Readiness For All Fund, *aka* Measure N, in that it will create career based learning and real-world work experiences for Oakland students;
 - 1. Will offer intensive, individualized support to create conditions for all students to succeed; and
 - 2. Will ensure that students who are interested in construction and building trades have the skills and knowledge necessary for Union apprenticeship programs.

The specific goals of the Construction and Building Trades Pre-Apprenticeship Program are: to increase high school graduation rates, decrease the high school dropout rate, increase high school students' readiness to succeed in college and career and to create a local workforce to work on District capital projects.

16.2 In order to implement the Construction and Building Trades Pre-Apprenticeship Program, the District shall:

16.2.1 Establish and fund a Summer Pre-apprenticeship Internship Program and a 3-year School Year Pre-Apprenticeship Program. The goal is to create summer pre-apprenticeships for at least thirty students at workforce development in the Building Trades.

The District will actively seek to develop at least one such program that focuses on gender equity in the building trades. The District anticipates that there may be more than one program or pathway that will meet the needs of Oakland students. Annually, for the 2017-18, 2018-19 and 2019-20, the Superintendent shall allocate \$60,000 from Measure J for the Summer Pre-apprenticeship Internship program.

16.2.2 The District shall, with the support of the Alameda County Building Trades Council, co-sponsor two Building & Construction Trades Career Fairs during each school year that provide exposure to Oakland students and families. The purpose of the career fair is to inform students and their families about career opportunities in the building trades and to inform student pathway selection and summer pre-apprenticeship programs in the building trades. The first career fair shall occur in the Fall of 2016 with the intent of exposing middle school and high school students to the trades.

16.2.3 Establish a Workforce Development Fund. The District will require that all contractors working under the Project Labor Agreement ("PLA") contribute \$.20 per work-hour performed under the PLA to a Workforce and Apprenticeship Development Fund administered by the District with the advice of the Joint Administration Committee of the PLA. The District shall establish an account for receipt and distribution of the funds. The Fund shall be audited annually as a part of the annual bond audit. 20% of the Fund may be used by the District for the costs of implementation and management of the Construction and Building Trades Pre-Apprenticeship Programs. No less than 80% of the Fund shall be used to fund direct work based learning programs and apprenticeships for Oakland students.

16.2.4. In collaboration with the Council, establish an Industry Partnership Council specifically focused on the Building and Construction Trades to support the successful implementation of this program including but not limited to:

- Establishing clear commitments for developing student pre-apprenticeships.
- Setting clear targets and goals for work based learning experiences, apprenticeships, and student outcomes.
- Identification of key industry standards necessary to achieve mastery in key industry standards
- Providing feedback on developed curriculum
- Providing feedback on the developed curriculum to support implementation including practical cases relevant for occupational expertise.
- Reflect yearly on the overall goals and targets that we set the previous year and track long term trends for student entry into the workforce.

ARTICLE 17

WAGE SCALES AND FRINGE BENEFITS

17.1 All Contractor/Employer(s) agree to pay contributions to the established vacation, pension and other form of deferred compensation plan, apprenticeship, health benefit funds, and all other contributions established by the applicable MLA for each hour worked on the Project in the amounts designated in the MLAs of the appropriate Union(s) and paid in accordance with the MLA. The Contractor/Employer(s) shall not be required to pay contributions to any other trust funds or other contributions that are not contained in the published prevailing wage determination to satisfy their obligation under this Article, except that those Contractor/Employer(s) who are

signatory to the MLAs with the respective trades shall continue to pay all trust fund or other contributions as outlined in such MLA's.

Wages, Hours, Terms and Conditions of Employment: The wages, hours and other terms and conditions of employment on the Project shall be governed by the MLAs of the respective Union(s), copies of which shall be made available upon request to the District to the extent such MLA is not inconsistent with this Agreement.

- 17.2 **Holidays:** Holidays shall be established as set forth in the applicable MLA.

ARTICLE 18

HEALTH AND SAFETY

- 18.1 The employees covered by the terms of this Agreement shall at all times, while in the employ of the Contractor/Employer(s), be bound by the reasonable safety rules and regulations as established by the District and Contractor/Employer(s) and in accordance with OSHA/Cal-OSHA. These rules and regulations will be published and posted at conspicuous places throughout the Project.
- 18.2 In accordance with the requirements of OSHA/Cal-OSHA, it shall be the exclusive responsibility of each Contractor/Employer(s) on the Project to assure safe working conditions for its employees and compliance by them with any safety rules contained herein or established by the Contractor/Employer(s).
- 18.3 A convenient supply of cold and potable drinking water shall be provided by the Contractor/Employer(s).
- 18.4 The Contractor/Employer(s) and Union(s) agree that the work site shall be a drug free workplace. Parties agree to recognize and use the Substance Abuse Prevention Program contained in each applicable Union(s)' MLA.

ARTICLE 19

HELMETS TO HARDHATS

- 19.1 The parties recognize a desire to facilitate the entry into the Building and Construction Trade Union(s) of Veterans who are interested in careers in the building and construction industry. The parties agree to utilize the services of the Center for Military Recruitment, Assessment and Veteran's Employment (hereinafter "Center") and the Center's "Helmets to Hardhats" program to serve as a resource for preliminary orientation, assessment of construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities and other needs as identified by the parties.
- 19.2 The Union(s) and Contractor/Employer(s) agree to coordinate with the Center to participate in an integrated database of Veterans interested in working on this Project and of apprenticeship and employment opportunities for this Project. To the extent permitted by law, the Union(s) will give credit to such Veterans for bona fide, provable past experience.

ARTICLE 20

MISCELLANEOUS PROVISIONS

- 20.1 Counterparts. This Agreement may be executed in counterparts, such that original signatures may appear on separate pages, and when bound together all necessary signatures shall constitute an original. Signature pages transmitted separately to other parties to this Agreement shall be deemed equivalent to original signatures.
- 20.2 Warranty of Authority. Each of the persons signing this Agreement represents and warrants that such person has been duly authorized to sign this Agreement on behalf of the party indicated, and each of the parties by signing this Agreement warrants and represents that such party is legally authorized and entitled to enter into this Agreement.
- 20.3 Non-Discrimination. The Contractor/Employer(s) and Union(s) agree to comply with all anti-discrimination provisions of federal, state and local law, to protect employees and applicants for employment on the Project.

ARTICLE 21

GENERAL SAVINGS CLAUSE

- 21.1 It is not the intention of the parties to violate any laws governing the subject matter of this Agreement. If any Article or provision of this Agreement shall be declared invalid, inoperative, or unenforceable by any competent authority of the executive, legislative, judicial or administrative branch of the federal, state or local government, the parties shall suspend the operation of each such Article or provision during the period of invalidity. Such suspension shall not affect the operation of any other provision covered in this Agreement to which the law or regulation is not applicable. Further, the District and Council agree that if and when any or all provisions of this Agreement are finally held or determined to be illegal or void by a Court of competent jurisdiction, the parties will promptly enter into negotiations concerning the substance affected by such decision for the purpose of achieving conformity with the requirements of an applicable law and the intent of the parties hereto.

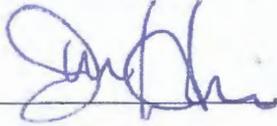
ARTICLE 22

DURATION OF AGREEMENT

This Agreement shall become effective on the day the District ratifies this Agreement and shall continue in full force and effect for a period of five years. The parties may mutually agree in writing to amend, extend or terminate this Agreement at any time.

ACCEPTED AND AGREED on the date indicated below:

OAKLAND UNIFIED SCHOOL DISTRICT



James Harris, President, Board of Education

9/29/16

Date



Antwan Wilson, Superintendent

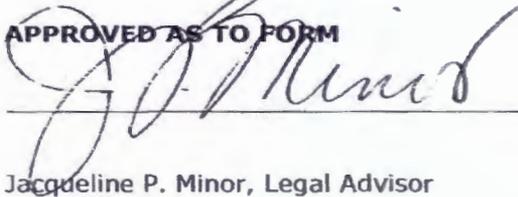
9/29/16

Date

**BUILDING AND CONSTRUCTION TRADES COUNCIL
OF ALAMEDA COUNTY, AFL-CIO**

Andreas Cluver, Secretary-Treasurer

APPROVED AS TO FORM



Jacqueline P. Minor, Legal Advisor

9/28/16

SIGNATORY UNION(S)

Asbestos Workers, Local 16

By: _____

Boilermakers, Local 549

By: _____

Bricklayers & Allied Craftsmen, Local 3

By: _____

Cement Masons, Local 300

By: _____

Electrical Workers, Local 595

By: _____

Elevator Constructors, Local 8

By: _____

Iron Workers, Local 378

By: _____

Laborers, Local 67

By: _____

Laborers, Local 304

By: _____

Operating Engineers, Local 3

By: _____

Plasterers, Local 66

By: _____

Roofers, Local 81

By: _____

Sheet Metal Workers, Local 104

By: _____

Sign Display, Local 510

By: _____

Sprinkler Fitters, Local 483

By: _____

Teamsters, Local 853

By: _____

United Association of Journeymen and
Apprentices Fitting Industry, Underground
Utility & Landscape, Local 355

By: _____

United Association of Steamfitters,
Pipefitters, Plumbers, & Gas Fitters,
Local 342

By: _____

Northern California Carpenters
Regional Council (on behalf of Carpenters,
Local 713, Carpenters, Local 2236, Lathers,
Local 68L, Millwrights, Local 102,
Pile Drivers, Local 34)

By: _____

District Council No. 16 Northern
California International Union of
Painters & Allied Trades (on behalf of
Auto & Marine Painters, Local 1176,
Carpet & Linoleum Layers, Local 12,
Glaziers, Architectural Metal
& Glassworkers, Local 169,
Painters & Tapers, Local 3)

By: _____

ADDENDUM A

AGREEMENT TO BE BOUND

The undersigned party confirms that it agrees and assents to comply with and to be bound by the Project, [NAME OF PROJECT LABOR AGREEMENT] as such Agreement may, from time to time, be amended by the parties or interpreted pursuant to its terms.

By executing this Agreement To Be Bound, the undersigned party subscribes to, adopts and agrees to be bound by the written terms of the legally established trust agreements, as set forth in Article 17.1, specifying the detailed basis upon which contributions are to be made into, and benefits made out of, such Trust Fund(s) and ratifies and accepts the trustees appointed by the parties to such Trust Fund(s). The undersigned party agrees to execute a separate Subscription Agreement(s) when such Trust Fund(s) requires such document(s).

Such assent and obligation to comply with and to be bound by this Agreement shall extend to all work covered by said Agreement undertaken by the undersigned party for the [NAME OF PROJECT]. The undersigned party shall require all of its subcontractors, of whatever tier, to become similarly bound for all their work within the scope of this Agreement by signing an identical Agreement To Be Bound.

This letter shall constitute a subscription agreement, to the extent of the terms of the letter.

Dated: _____ Project: _____

Signature of Authorized Officer

Authorized Officer & Title

Name of Contractor/Employer(s)

Contractor/Employer(s) Address

CSLB #

Area Code Phone

E-mail and/or Fax

Motor Carrier (CA) Permit Number

Exhibit "H"
REGISTERED SUBCONTRACTORS LIST
(Labor Code Section 1771.1)

PROJECT: _____

Date Submitted (for Updates): _____

Design-Builder acknowledges and agrees that it must clearly set forth below the name and Department of Industrial Relations (DIR) registration number of each subcontractor **for all tiers** who will perform work or labor or render service to Design-Builder or its subcontractors in or about the construction of the Work **at least two (2) weeks before the subcontractor is scheduled to perform work**. This document is to be updated as all tiers of subcontractors are identified.

Design-Builder acknowledges and agrees that, if Design-Builder fails to list as to any subcontractor of any tier who performs any portion of Work, the Agreement is subject to cancellation and the Design-Builder will be subjected to penalty under applicable law.

If further space is required for the list of proposed subcontractors, attach additional copies of page 2 showing the required information, as indicated below.

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

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DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Date: _____

Name of Design-Builder: _____

Signature: _____

Print Name: _____

Title: _____

EXHIBIT "I"

PRELIMINARY PROJECT SCHEDULE

See attached PDF

OUSD Preliminary Project Schedule

ID	Task Name	Duration	Start	Finish
1	OUSD Board approves Energy Services Contract	1 day	Wed 5/23/18	Wed 5/23/18
2	OUSD provides Notice to Proceed	5 days	Thu 5/24/18	Wed 5/30/18
3	Exterior/Interior Lighting Retrofits	280 days	Thu 5/10/18	Wed 6/5/19
4	Final Engineering	35 days	Thu 5/10/18	Wed 6/27/18
5	Finalize Lighting Scope	20 days	Thu 5/31/18	Wed 6/27/18
6	Site Walk with District Staff to Check Existing Conditions	5 days	Thu 5/10/18	Wed 5/16/18
7	Equipment/Material Procurement	60 days	Thu 6/28/18	Wed 9/19/18
8	Exterior Lighting Submittals to District for Approval	5 days	Thu 6/28/18	Wed 7/4/18
9	Interior Lighting Submittals to District for Approval	5 days	Thu 6/28/18	Wed 7/4/18
10	Procure Exterior Lighting Fixtures& Materials	55 days	Thu 7/5/18	Wed 9/19/18
11	Procure Interior Lighting Fixtures& Materials	40 days	Thu 7/5/18	Wed 8/29/18
12	Project Construction	200 days	Thu 8/30/18	Wed 6/5/19
13	Interior Lighting Retrofits	171 days	Thu 8/30/18	Thu 4/25/19
14	Claremont Middle School	11 days	Thu 8/30/18	Thu 9/13/18
15	McClymonds High School	13 days	Fri 9/14/18	Tue 10/2/18
16	Allendale Elementary School	6 days	Wed 10/3/18	Wed 10/10/18
17	Bella Vista Elementary School	8 days	Thu 10/11/18	Mon 10/22/18
18	Garfield Elementary School	11 days	Tue 10/23/18	Tue 11/6/18
19	Global Family School	11 days	Wed 11/7/18	Wed 11/21/18
20	Kaiser Elementary School	6 days	Thu 11/22/18	Thu 11/29/18
21	Melrose Leadership Academy (formerly Maxwell Park Middle School)	8 days	Fri 11/30/18	Tue 12/11/18
22	Oakland Technical High School	40 days	Wed 12/12/18	Tue 2/5/19
23	Sequoia Elementary School	7 days	Wed 2/6/19	Thu 2/14/19
24	Washington Elementary School (Sankofa Academy)	4 days	Fri 2/15/19	Wed 2/20/19
25	West Oakland Middle School	9 days	Thu 2/21/19	Tue 3/5/19
26	Elmhurst Community Prep	11 days	Wed 3/6/19	Wed 3/20/19
27	Skyline High School	26 days	Thu 3/21/19	Thu 4/25/19
28	Exterior Lighting Retrofits	48 days	Thu 8/30/18	Mon 11/5/18
29	Claremont Middle School	3 days	Thu 8/30/18	Mon 9/3/18
30	McClymonds High School	5 days	Tue 9/4/18	Mon 9/10/18
31	Allendale Elementary School	3 days	Tue 9/11/18	Thu 9/13/18
32	Bella Vista Elementary School	2 days	Fri 9/14/18	Mon 9/17/18
33	Garfield Elementary School	3 days	Tue 9/18/18	Thu 9/20/18
34	Global Family School	3 days	Fri 9/21/18	Tue 9/25/18
35	Kaiser Elementary School	2 days	Wed 9/26/18	Thu 9/27/18
36	Melrose Leadership Academy (formerly Maxwell Park Middle School)	3 days	Fri 9/28/18	Tue 10/2/18
37	Oakland Technical High School	7 days	Wed 10/3/18	Thu 10/11/18
38	Sequoia Elementary School	3 days	Fri 10/12/18	Tue 10/16/18
39	Washington Elementary School (Sankofa Academy)	2 days	Wed 10/17/18	Thu 10/18/18
40	West Oakland Middle School	3 days	Fri 10/19/18	Tue 10/23/18
41	Elmhurst Community Prep	3 days	Wed 10/24/18	Fri 10/26/18
42	Skyline High School	6 days	Mon 10/29/18	Mon 11/5/18
43	Exterior/Interior Project Closeout	29 days	Fri 4/26/19	Wed 6/5/19
44	Punchlist	29 days	Fri 4/26/19	Wed 6/5/19
45	McClymonds High School HVAC	111 days	Thu 5/31/18	Thu 11/1/18
46	Boiler and Steam Coil Replacements	111 days	Thu 5/31/18	Thu 11/1/18
47	Final Engineering	20 days	Thu 5/31/18	Wed 6/27/18
48	District Approval	5 days	Thu 6/28/18	Wed 7/4/18
49	Order Equipment	65 days	Thu 7/5/18	Wed 10/3/18
50	Installation	21 days	Thu 10/4/18	Thu 11/1/18
51	Gym Furnace Replacments	60 days	Thu 5/31/18	Wed 8/22/18
52	Final Engineering	20 days	Thu 5/31/18	Wed 6/27/18
53	District Approval	5 days	Thu 6/28/18	Wed 7/4/18
54	Order Equipment	30 days	Thu 7/5/18	Wed 8/15/18
55	Installation	5 days	Thu 8/16/18	Wed 8/22/18
56	Radiator Valve and Thermostat Replacements	105 days	Thu 5/31/18	Wed 10/24/18
57	Final Engineering	30 days	Thu 5/31/18	Wed 7/11/18
58	District Approval	5 days	Thu 7/12/18	Wed 7/18/18
59	Order Equipment	20 days	Thu 7/19/18	Wed 8/15/18
60	Installation	50 days	Thu 8/16/18	Wed 10/24/18
61	Project Final Completion	5 days	Thu 6/6/19	Wed 6/12/19
62	Provide closeout binder	5 days	Thu 6/6/19	Wed 6/12/19

EXHIBIT "J"
SCHEDULE OF VALUES

Item No. A	Description of Work B	Scheduled Value C	Work Completed		Stored Materials F	Stored To-Date		Balance to Finish (C-G) H	Retainage I
			Previous Applications D	This Application E		G (D+E+F)	%		
1	Mobilization	\$1,179,281			\$0	\$0	0%	\$1,179,281	\$0
2	Allendale Elementary School Lighting	\$ 152,599			\$0	\$0	0%	\$152,599	\$0
3	Bella Vista Elementary School Lighting	\$ 197,470			\$0	\$0	0%	\$197,470	\$0
4	Claremont Middle School Lighting	\$ 281,639			\$0	\$0	0%	\$281,639	\$0
5	Elmhurst Community Prep Lighting	\$ 346,257			\$0	\$0	0%	\$346,257	\$0
6	Garfield Elementary School Lighting	\$ 277,827			\$0	\$0	0%	\$277,827	\$0
7	Global Family School Lighting	\$ 239,603			\$0	\$0	0%	\$239,603	\$0
8	Kaiser Elementary School Lighting	\$ 78,304			\$0	\$0	0%	\$78,304	\$0
9	McClymonds High School Lighting	\$ 358,066			\$0	\$0	0%	\$358,066	\$0
10	Melrose Leadership Academy (formerly Maxwell Park Middle School) Lighting	\$ 124,347			\$0	\$0	0%	\$124,347	\$0
11	Oakland Technical High School Lighting	\$ 1,348,271			\$0	\$0	0%	\$1,348,271	\$0
12	Sequoia Elementary School Lighting	\$ 137,936			\$0	\$0	0%	\$137,936	\$0
13	Skyline High School Lighting	\$ 664,946			\$0	\$0	0%	\$664,946	\$0
14	Washington Elementary School (Sankofa Academy) Lighting	\$ 74,491			\$0	\$0	0%	\$74,491	\$0
15	West Oakland Middle School Lighting	\$ 291,513			\$0	\$0	0%	\$291,513	\$0
16	McClymonds High School HVAC	\$ 1,716,232			\$0	\$0	0%	\$1,716,232	\$0
17	Final Completion	\$ 393,094			\$0	\$0		\$393,094	\$0
SUB TOTAL OR TOTAL		\$7,861,876	\$0	\$0	\$0	\$0	\$0	\$6,682,595	\$0

[END OF DOCUMENT]



DIVISION OF FACILITIES PLANNING & MANAGEMENT ROUTING FORM

Project Information

Project Name	Prop 39 Energy Operations	Site	918
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Basic Directions

Services cannot be provided until the contract is fully approved and a Purchase Order has been issued.

Attachment Checklist	<input type="checkbox"/> Proof of general liability insurance, including certificates and endorsements, if contract is over \$15,000 <input type="checkbox"/> Workers compensation insurance certification, unless vendor is a sole provider
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Contractor Information

Contractor Name	ENGI Services	Agency's Contact	Greg Coxson			
OUSD Vendor ID #	New	Title	Manager			
Street Address	500 12 th Street, Ste. 300	City	Oakland	State	CA	Zip 94607
Telephone	510-451-1255	Policy Expires				
Contractor History	Previously been an OUSD contractor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Worked as an OUSD employee? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
OUSD Project #	16117					

Term

Date Work Will Begin	5-23-2018	Date Work Will End By <small>(not more than 5 years from start date)</small>	7-01-2020
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Compensation

Total Contract Amount	\$	Total Contract Not To Exceed	\$ 7,861,875.00
Pay Rate Per Hour (If Hourly)	\$	If Amendment, Changed Amount	\$
Other Expenses		Requisition Number	

Budget Information

If you are planning to multi-fund a contract using LEP funds, please contact the State and Federal Office before completing requisition.

Resource #	Funding Source	Org Key	Object Code	Amount
6320	Fund 01	9189120801	6271	\$6,689,358.00
9450	Fund 21	9189905881	6271	\$1,172,517.00

Approval and Routing (in order of approval steps)

Services cannot be provided before the contract is fully approved and a Purchase Order is issued. Signing this document affirms that to your knowledge services were not provided before a PO was issued.

	Division Head	Phone	510-535-7038	Fax	510-535-7082
1.	Director, Facilities Planning and Management				
	Signature	Date Approved			
2.	General Counsel, Department of Facilities Planning and Management				
	Signature <i>[Signature]</i>	Date Approved	5/12/18		
	Deputy Chief, Facilities Planning and Management				
3.	Signature	Date Approved			
	Senior Business Officer, Board of Education				
4.	Signature	Date Approved			
	President, Board of Education				
5.	Signature	Date Approved			