

**LEGISLATIVE FILE**

File ID No. 14-0065  
Introduction Date 1-29-2014  
Enactment No. 14-0208  
Enactment Date 1-29-14  
By \_\_\_\_\_

OAKLAND UNIFIED SCHOOL DISTRICT  
Office of the Superintendent  
January 29, 2014



To: Dr. Gary Yee, Ed.D., Acting Superintendent and Secretary, Board of Education  
By: Vernon Hal, Deputy Superintendent, Business Operations  
Timothy E. White, Associate Superintendent of Facilities Planning & Management

Subject: Approving an Agreement with California Energy Commission, Bright Schools Program for District-wide Technical Services for the Oakland Unified School District.

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**ACTION REQUESTED**

Approval by the Board of Education of Resolution No. 1314-1020, - Authorizing and approving an Agreement with California Energy Commission, Bright Schools Program for District-wide Technical Services for the Oakland Unified School District.

**BACKGROUND**

**Existing Schools**

The Bright Schools Program can help OUSD get the most from the renovation and maintenance investments. With an evaluation of OUSD maintenance plans or an energy audit of the facilities, they can identify energy-related projects that should be implemented immediately as part of a comprehensive Bright Schools energy package. School organizations planning major renovations can also benefit from their technical assistance services during the planning and design processes. For existing schools, the Bright Schools Program can:

- Conduct energy audits and feasibility studies
- Review existing proposals and designs
- Develop equipment performance specifications
- Assist with contractor selection
- Review equipment bid specifications
- Review commissioning plans

## **New School Construction**

Schools built with energy efficient designs will cost less to operate, offering continuous savings and leaving more money for education. Many new schools being built today just barely meet current California Title 24 energy efficiency standards and could save more energy. Many of these designs could be improved with little or no additional expense. The Bright Schools Program provides technical assistance to your district's architectural and engineering team early in the design phase, before the plans are finalized. The savings accumulate from the first day of operation! For new school construction projects, the Bright Schools Program can:

- Provide design consultation
- Identify cost-effective energy-saving measures
- Compare different technologies
- Provide equipment specification consultation
- Develop computer simulation models of your planned project
- Help select design professionals with energy efficiency expertise
- Review schematics and construction plans
- Assist with system commissioning

## **DISCUSSION**

The Energy Commission has contracted with experienced engineering and architectural consultants who provide the technical assistance. They provide up to \$20,000 of the consultants' cost. For some applicants this could cover all the costs for analyzing one or more schools. With some cost sharing, the program can analyze additional schools. The cost of the study depends on the type and scope of project and size of facility(ies).

## **RECOMMENDATION**

Approval by the Board of Education of Resolution No. 1314-1020, - Authorizing and approving an Agreement with California Energy Commission, Bright Schools Program for District-wide Technical Services for the Oakland Unified School District.

**RESOLUTION OF THE  
SUPERINTENDENT OF THE  
OAKLAND UNIFIED SCHOOL DISTRICT**

**RESOLUTION NO. 1314-1020**

**APPROVING THE AUTHORIZATION OF THE CALIFORNIA ENERGY  
COMMISSION BRIGHT SCHOOLS PROGRAM FOR THE OAKLAND UNIFIED  
SCHOOL DISTRICT**

**WHEREAS**, the California Energy Commission's Bright Schools Program provides technical assistance to school districts; and Whereas Oakland Unified School District

**WHEREAS**, Oakland Unified School District Superintendent authorizes the Oakland Unified School District to apply for technical assistance; and

**WHEREAS**, the Oakland Unified School District recognizes that the California Energy Commission has limited funds available to provide technical assistance and that primary consideration will be given to those school districts that have a desire and willingness to see funding to implement the feasible recommended energy-efficiency measure(s):

**NOW, THEREFORE, BE IT RESOLVED**, that Oakland Unified School District is willing to seek funding to implement viable energy-saving measure(s) and therefore requests technical assistance to identify such measures as may be economically feasible.

**BE IT FURTHER RESOLVED**, that Timothy E. White, Associate Superintendent of Facilities Planning and Management is hereby authorized and empowered to execute in the name of Oakland Unified School District all necessary documents to implement and carry out the purposes of this resolution.

Passed, approved and adopted this 29th day of January, 2014 by the following vote:

AYES: Jody London, Jumoke Hinton Hodge, Anne Washington, Roseann Torres,  
and Vice President James Harris


NAYS: None

ABSTAINED: None

ABSENT: President David Kakishiba and Christopher Dobbins

I hereby certify that the forgoing is full, true and correct copy of a Resolution adopted at a Regular Meeting of the Governing Board of the Oakland Unified School District held January 29, 2014.

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\_\_\_\_\_  
Dr. Gary Yee, Acting Superintendent  
and Secretary, Board of Education

**Technical Assistance Application  
Bright Schools Program  
California Energy Commission**

**1. Applicant Information**

Applicant*: Oakland Unified School District		County: Alameda	
Mailing Address: 955 High St.	City: Oakland	Zip: 94601	
Street Address: 955 High st.	City: Oakland	Zip: 94601	
Contact Person: Timothy. E. White	Title: Associate Superintendent of Facilities Planning & Management	Department: Facilities Division	
Phone Number: 510-535-7083	Email: timothy.white@ousd.k12.ca.us		

\* Name of K-12 school/ District

**2. Attach the following information:**

- Governing Board Resolution
- Latest 12 months electric and gas bills showing the energy cost and detailed usage information for each facility listed in Item 4 (above).
- Any past energy studies for each facility
- Site map of facilities (e.g. 1As or a fire evacuation map)
- For new construction only: Schematic drawings (if available)

**3. Project Description**

- Type of assistance needed:
- Energy audit – evaluate energy efficiency opportunities at existing facilities
  - Evaluate opportunities for proposed energy project
  - New construction – evaluation of new facility
  - Other • See below

Discuss your proposed project(s) and why you require technical assistance:

We have some energy audits with lighting or other minor projects that have been implemented and retrocommissioning reports and a past strategic energy plan , (mostly done by kW engineering through utility funded programs,) but would like to invite kW, the Bright Schools Technical Assistance team to assist us in best utilizing these and more recent benchmarking efforts to best plan our overall Expenditure Plans for Prop. 39 funds, and/or provide additional energy audit(s) if needed.

Describe how you plan to implement the recommendations that may be identified:  
We will implement according to final approved CEC Guidelines for Prop. 39.

Funding source: Prop. 39

Do you have any current contracts or working relationships with consultants, energy services companies, utilities, architects, or others that pertain to this request for Technical Assistance? If yes, please describe:

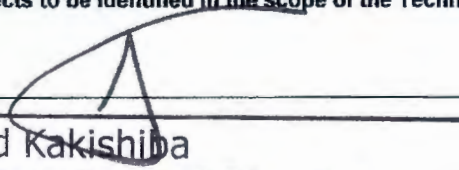
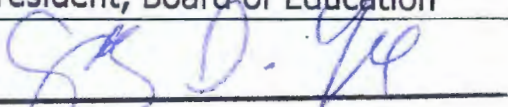
Alice Sung, Principal, Greenbank Associates serves as our High Performance Schools Program Manager and is supervising our Energy& Climate Specialists to assist in this scope of work.

Expected project start date: ASAP after CEC Guidelines are approved.	Expected project completion date: TBD, 2014
Indicate your economic criteria for selecting projects to be installed: (Check all that apply)	<input type="checkbox"/> Projects must have a payback period $\leq$ _____ years. <input type="checkbox"/> Projects must have an internal rate of return $\geq$ _____ % <input checked="" type="checkbox"/> Other _To be determined,(that is the purpose of this request for assistance) with minimum to meet CEC Prop. 39 Guidelines_____

**4. Project Team**

Title	Name	Phone No	E-Mail
Project Manager			
Business Manager or Finance Officer			
Electric and Gas Utility Representative	Marcos Montes	925-459-8066	Montes, Marcos (M8M2@pge.com)
Consultant/Contractor (if known)	Alice Sung	510-658-8060	asung1@gmail.com

**5. Provide the following information.** If you are requesting assistance for more than one facility, please prioritize from highest to lowest. Attach additional pages if needed.

Facility Name and Address	Year Built (excluding portables)	Estimated Building Size (sq. ft.)
Specific projects to be identified in the scope of the Technical Assistance requested.	TBD	TBD
 David Kakishina President, Board of Education		
 Gary Yee, Ed.D. Secretary, Board of Education		

I certify to the best of my knowledge that the data in this application are correct and complete.

**Authorized Representative\***

Name: Timothy E. White Title Associate Superintendent of Facilities Planning & Management  
 Signature:  Date 1/22/14

\*Authorized Representative is the one designated by the governing body, in your Resolution, to execute documents in the name of the applicant.

Edmund G. Brown Jr.  
Governor



California Energy Commission  
Special Projects Office  
1516 Ninth Street, MS 23  
Sacramento, CA 95814-5512  
(916) 654-4104

California Energy Commission  
Chairman  
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Karen Douglas, J.D.  
Andrew McAllister

Executive Director  
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