



Board Office Use: Legislative File Info.	
File ID Number	14-1424
Introduction Date	06/25/2014
Enactment Number	14-1202
Enactment Date	6-25-14

Memo

To Board of Education

From Gary Yee, Acting Superintendent
Vernon Hal, Deputy Superintendent, Business & Operations
John Krull, IT Officer, Technology Services

Board Meeting Date June 11, 2014

Subject E-Rate 14 - Purchase Order - Digital Design Communications - Classroom WAPS and Related Materials

Action Requested

Approval by the Board of Education of Purchase Order with Digital Design Communications, Oakland, CA, for the latter to provide an additional 594 Wireless Access Points (WAPs) for classrooms, additional bandwidth and other related materials named in vendor Invoice No. "OUSD-ERATE-14-CO1-001 AMENDED" (February 1, 2014) for named E-Rate 14 Group 1 and Group 2 schools, incorporated herein by reference as though fully set forth, in the amount of \$827,588.00.

Background

For "E-rate 14" or funding year 2011, Oakland Unified School District received Funding Commitment Letters from the Universal Service Administration Company (USAC) that administers E-rate, a federal program that provides telecommunications discounts to schools and libraries. Two Funding Commitments, The Group 1 - FRN 2173819 for \$3,130,908.88 and Group 2 - FRN 2173955 for \$2,321,300.08 left a total of \$743,483.04 that the district pays. The district receives an 88% discount on the total cost of work of \$6,195,692.00. The Board approved the contracts on January 29, 2014 (Files 14-01643, 14-01644). Upgrades vary by site but include:

- Rewire site MDF to IDF
- Upgrade active components.
- Install complete wireless overlay for all internal structures.



- Install complete wireless overlay for a strong signal covering the entire campus
- Test (recertify) and repair where needed existing wiring and fiber to meet Cat 6 data standards and appropriate fiber standards.

Below are the schools that are scheduled for completion by September 30, 2014.

Group 1	Group 2
Markham Parker Community United Elementary Sobrante Park ACORN Woodland Hillside Academy Encompass ASCEND International Community School Think College Now Frick Madison Elmhurst Community Prep Alliance Academy Brewer Hoover Arroyo Viejo CDC Lockwood Pre K Lockwood CDC Brookfield Webster Academy Futures Elementary Horace Mann Elementary	Bella Vista Greenleaf Elementary Emerson Lafayette Manzanita Seed Manzanita Community School Martin Luther King Jr. PLACE @ Prescott Sankofa West Oakland Middle School Roosevelt ROOTS United for Success Coliseum Prep Urban Promise Dewey Life Academy Oakland International High Howard CDC Lakeview CDC

Discussion

The additional funds from already budgeted Measure J monies will be used to add 594 wireless access points so that every classroom and workspace in the above list of schools has the wireless network access needed and the cabling to support the increased bandwidth.

Recommendation

Approval by the Board of Education of Purchase Order with Digital Design Communications, Oakland, CA, for the latter to provide an additional 594 Wireless Access Points (WAPs) for classrooms, additional bandwidth and other



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

related materials named in vendor Invoice No. "OUSD-ERATE-14-CO1-001 AMENDED" (February 1, 2014) for named E-Rate 14 Group 1 and Group 2 schools, incorporated herein by reference as though fully set forth, in the amount of \$827,588.00.

Fiscal Impact

The District will pay \$827,588.00 from Org Key 9869905801

Attachments

Digital Design Quote/Invoice for additional work



8135 Capwell Drive
 Oakland, CA 94621
 Tel: 510-632-0650
 Fax: 510-632-6999

INVOICE

INVOICE ORDER # : OUSD-ERATE14-CO1-001 AMENDED
 PO DATE: February 1, 2014
 Page No.: 1
 Change Order : 0
 Date Ordered : 2-1-14
 Related Doc # : TechnologyServices design changes
 Contact : John Krull
 Vendor TEL # : (510) 879 - 8872
 Vendor FAX # : (510)
 Freight Terms : FOB Oakland, CA

Invoice To: Oakland Unified School District
 1011 Union Street

 Oakland, CA 94607
 Attn: John Krull

Mail Payment to Address: Digital Design Communications
 8135 Capwell Drive
 Oakland, CA 94621

Ship via : GROUND Terms: NET 30 DAYS


Acct : OUSD-001

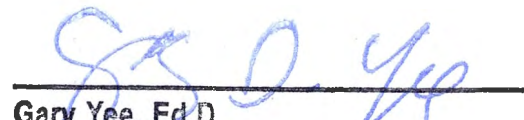
Item No.	Part No.	Description	Qty/Unit	Unit Price	Total Price
1	OM4 Fiber cable	OM2 (1G) to OM4 (10G) Fiber cable substitution	1	\$ 161,030.00	\$ 161,030.00
2	Meraki APs	Cisco AP to Meraki AP substitution/increase number of APs (594 Meraki APs-Adiditonal APs)	1	\$ 585,035.00	\$ 585,035.00
3	Access Point cabling	Data cabling for additional Meraki APs (Includes cabling, patch panels, pathway and raceway for 162 new AP locations)	1	\$ 76,888.00	\$ 76,888.00
4	CAT 6 Jacks	CAT 6 data jacks - SPARES (1000 - NetKey, CAT 6 Jack - GREEN)	1	\$ 4,635.00	\$ 4,635.00

Notes:

Subtotal: \$ 827,588.00
 Freight & Handling: Included
 Tax: Included
 TOTAL: \$ 827,588.00

TERMS: Partial shipments allowed.


 David Kakishiba
 President, Board of Education 6-26-14


 Gary Yee, Ed.D.
 Secretary, Board of Education 6-26-14

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