



Compuwave
 1839 Knoll Dr.
 /1607 Mission Drive, Suite 103
 Ventura/Solvang, California 93003/93463
 United States
<http://www.compuwave.com>

Quotation

| | |
|---|---------------------------------------|
| Date Mar 3, 2015 9:47 AM PST | Expiration Date Apr 2, 2015 |
| Doc # 56209 - rev 1 of 1 | |
| Description None | |
| SalesRep Rudolph, Scott (P) 805-650-8808 ext. 1019 | |
| Customer Contact Nguyen, Tony (P) 818-735-3201 tnguyen@oakparkusd.org | |

Customer

Oak Park Unified School District (7353201)
 5801 E. Conifer Street
 Oak Park, California 91377
 (P) 818-735-3201

Bill To

Oak Park Unified School District
 Kwok, Enoch
 5801 E. Conifer Street
 Oak Park, California 91377
 (P) 881-735-3201

Ship To

Oak Park Unified School District
 Kwok, Enoch
 5801 E. Conifer Street
 Oak Park, California 91377
 (P) 881-735-3201

| | | |
|--------------------------------------|----------------------------|-----------------------------------|
| Customer PO: None | Terms: Undefined | Ship Via: FedEx Ground |
| Special Instructions: None | | Carrier Account #: None |

| Item Description | Part # | Qty | Tax | Unit Price | Total |
|---|----------|-----|-----|------------|------------|
| 1 OptiPlex 9030 AIO CTO OptiPlex 9030 AIO CTO (210-ACLK) 16GB (2x8GB) 1600MHz DDR3L (370-AAMU) US English (QWERTY) Dell KB212-B QuietKey USB Keyboard Black (580-AAQX) Intel Integrated Graphics, Dell OptiPlex (490-BBFG) No Wireless LAN Card (555-BBNI) 256GB Mobility Solid State Drive, OptiPlex (400-AGWW) LOE Req'd, WIN7 PRO,64BIT,OPTI,ENG (619-AFMR) US Order (332-1286) Up to 90% efficient PSU Base 58.4cm (23 INCH) Non-touch without Camera, Integrated, Intrusion Switch (321-BBHZ) Dell USB Optical Mouse MS111 (570-AACR) ENERGY STAR Version 6.0 (387-BBFT) 8x Slimline DVD+/-RW Drive (429-AANT) No Wireless (555-BBFO) System Power Cord (Philippine/TH/US) (450-AAOJ) Windows 7 Professional 64bit Media Kit (Multiple Language) (620-AALT) Dell Backup and Recovery Basic (637-AAAS) Desktop BTO Standard shipment (800-BBIO) Dell AC411 (18V) Speaker (520-AAEW) Safety/Environment and Regulatory Guide (English/French/Dutch) (340-AGIK) Software for Integrated Camera (319-BBBL) Dell Limited Hardware Warranty Plus Service Initial Year (935-6167) Dell Limited Hardware Warranty Plus Service Extended Year(s) (939-1018) ProSupport: Next Business Day Onsite Service After Remote Diagnosis Initial Year (939-2511) ProSupport : 7x24 Technical Support , Initial (939-3131) Thank you choosing Dell ProSupport. For tech support, visit http://support.dell.com/ProSupport or call 1-866-516-3115 FREE (989-3449) ProSupport: Next Business Day Onsite Service After Remote Diagnosis 2 Year Extended (996-1182) ProSupport : 7x24 Technical Support , 2 Year Extended (996-1342) No UPC Label (389-BCGW) TPM Enabled (329-BBJL) 1-Watt BIOS (340-ABMZ) Intel vPro Technology Enabled (631-AAII) OptiPlex 9030 Resource DVD (340-AJRS) No Quick Reference Guide (340-ABKW) Intel Core i7-4790S Processor (Qual Core, 8MB, 3.20GHz w/HD4600 Graphics) (338-BEJG) No DDPE Encryption Software (954-3465) Heat Sink, Dell OptiPlex 9030 AIO (412-AADJ) Shipping material (340-AJPP) Shipping Label for AIO, DAO (389-BBUU) Height Adjustable Stand, NonTouch (575-BBCT) No FGA (817-BBBB) No Accessories (461-AABV) PowerDVD Software not included (632-BBBJ) No Additional Hard Drive (401-AADF) | 210-ACLK | 1 | Yes | \$1,529.00 | \$1,529.00 |

Reg Label Opti 9030, NT (389-BENJ)
 No Intel Rapid Start or Smart Connect (409-BBCF)
 Intel Core I7 vPro Label (389-BBWO)
 Non-Touch LCD, Dell OptiPlex AIO (391-BBDM)
 Microsoft Office Trial, MUI, OptiPlex, Precision, Latitude (630-AABP)
 Windows 7 Label (389-BCCZ)
 Dell Data Protection System Tools Digital Delivery/DT (422-0008)
 Adobe Reader 11 (640-BBDF)
 Dell Data Protection | Protected Workspace (640-BBEV)
 Dell(TM) Digital Delivery Cirrus Client (640-BBLW)
 Enable Low Power Mode (658-BBMQ)
 Dell Client System Update (Updates latest Dell Recommended BIOS, Drivers, Firmware and Apps),OptiPlex (658-BBMR)
 Waves Maxx Audio Royalty (658-BBNF)
 MY DELL (658-BBVM)
 NO RAID (817-BBBN)
 No Anti-Virus software (650-AAHJ)

| | | | | | | |
|---|---|------|---|----|--------|--------|
| 2 | Customservice - State of California SB20 recycling fees for monitors/notebooks/televisions, anything with 4" screen or greater | sb20 | 1 | No | \$4.00 | \$4.00 |
|---|---|------|---|----|--------|--------|

Subtotal: \$1,533.00
 Tax (7.500%): \$114.67
 Shipping: \$0.00
Total: \$1,647.67

7) Identify who will be responsible to manage and take care of this equipment once it is received and put into operation.

District IT Department.

8) What is the requested time frame for acquiring these resources ?

Purchase and prepare April/May, 2015; install in lab c-4 end of July, 2015.

Thank you

#####

Technology Resource Request Form – Oak View High School REQUEST

The following form should be completed by a site or district level administrator and submitted to the District Technology Committee to request the expenditures of district funds (not site based funds) to purchase new technology equipment, software, or services to be used at their school site. This form may be submitted via email to the district's Director of Technology and it will be brought forward to the next Tech Committee meeting for discussion. The Tech Committee may vote to forward the request to the governing board with its recommendation for approval, request further information or modifications of the proposal, or decline to support the request. Teachers with ideas for technology acquisition will need to work with their site principals to submit their request using this form.

1) Name of Principal

Stewart McGugan, Oak View High School

2) Date Submitted

March 1, 2015

3) Describe specific equipment and or software/service requested (include quantities):

We at OVHS are respectfully requesting 20 Macbook Airs for Susan Allen's room. She was one the first teachers in the district to receive a COW. So her computers are fairly old.

4) Describe the program(s), grade levels, students, etc. impacted by this technology acquisition and how it will be used to enhance instruction.

The computers will be used for students in grades 9-12. Ms. Allen uses her computers on a daily basis in her classes of Computer Applications, English, Math and Yearbook. OVHS will also be piloting the new Technology Standards for the District Technology Department next year and should have the most updated laptops to help in this process.

5) Describe any pre-existing resources, technologies that this technology will replace, refresh, or augment.

These laptops would replace an existing COW in Ms. Allen's room.

6) Provide an estimate of the total cost of acquiring this technology resource.

Expensive! Not sure.

7) Identify who will be responsible to manage and take care of this equipment once it is received and put into operation.

Susan Allen with help from the Tech Department.

8) What is the requested time frame for acquiring these resources?

Summer 2015

Summer 2015 Computer Refresh (Chromebook Replacements for COW Macbooks) Prepared by Enoch Kwok, Director of Technology 5/14/2015

The District Technology Committee has reviewed a request to refresh the Computers On Wheels carts of Macbook computers this summer and is recommending the Governing Board to approve the request to replace 6 of the COW carts with Chromebook computers.

Most of the MacBook laptop computers in the COW carts (each containing 20 Macbooks) were purchased in 2007-2008 and are now 7-8 years old and many are barely functioning due to failing hard drives, expended batteries, and limitations of outdated operating systems, constrained memory, and slow processors. As a result, many teachers are reluctant to use the COWs which may not have a full complement of working laptops. The district currently operates 26 full COW carts (20 MacBooks each) and another 7 partial carts with 5-11 MacBooks each.

The district has already procured 5 Chromebook carts (each containing 36 Chromebooks) as replacements for expiring COW carts this past Spring (as part of the accelerated summer refresh project) in order to have enough laptops for SBAC testing, and the district anticipates swapping out another 10 COW carts worth of MacBooks with 3 year old MacBook Pros which will be made available from the Teacher laptop refresh slated for this Fall. A few COWs with 2009 vintage MacBooks can wait another year before being addressed. This leaves 6 additional COW carts that will need to be addressed during this summer's refresh cycle.

Each Chromebooks cart of 36 devices costs about \$14,000, compared to a MacBook COW cart of 20 laptops costing \$45,000. Chromebooks do have a shorter life span than MacBooks (Chromebooks = 4-5 years, MacBooks = 7-8 years) and are more limited in the programs they can run, but the ability to provision a full cart of devices so that every student in the class can have their own device at one third of the cost of a new cart of Macbooks is compelling.

The district is moving ahead with a wider Google Apps For Education deployment where every student will have an account with which to access Google Classroom and Google Drive and students in the upper grades may have limited email. The replacement of COWs with Chromebook carts will allow many more teachers to have their entire class participate in the on-line learning and collaboration tools (where a COW consisting of only 20 Macbooks doesn't allow every student to be on a device).

As more teachers move toward using Google Classroom and GAFE, the district will move closer to a paperless learning environment which not only is better for the environment (saving trees), but could also save the district significant money in the cost of buying paper and acquiring and maintaining photocopiers. This also will move the district closer to a 1 to 1 mobile device learning environment.

Chromebooks and iPads serve complementary roles, with each tool being better at different tasks. If and when the district achieves a 1-to-1 mobile device deployment program, say, iPads in the elementary schools and Chromebooks/laptops in the secondary grades, any Chromebooks not needed at the elementary level due to 1 to 1 iPads could go toward provisioning students/classrooms at the secondary level.

The cost of six Chromebook carts (with spares) is estimated to be about \$90,000.

Summer 2015 Computer Refresh (Chromebook Replacements for COW Macbooks) Prepared by Enoch Kwok, Director of Technology 5/14/2015

The District Technology Committee has reviewed a request to refresh the Computers On Wheels carts of Macbook computers this summer and is recommending the Governing Board to approve the request to replace 6 of the COW carts with Chromebook computers.

Most of the MacBook laptop computers in the COW carts (each containing 20 Macbooks) were purchased in 2007-2008 and are now 7-8 years old and many are barely functioning due to failing hard drives, expended batteries, and limitations of outdated operating systems, constrained memory, and slow processors. As a result, many teachers are reluctant to use the COWs which may not have a full complement of working laptops. The district currently operates 26 full COW carts (20 MacBooks each) and another 7 partial carts with 5-11 MacBooks each.

The district has already procured 5 Chromebook carts (each containing 36 Chromebooks) as replacements for expiring COW carts this past Spring (as part of the accelerated summer refresh project) in order to have enough laptops for SBAC testing, and the district anticipates swapping out another 10 COW carts worth of MacBooks with 3 year old MacBook Pros which will be made available from the Teacher laptop refresh slated for this Fall. A few COWs with 2009 vintage MacBooks can wait another year before being addressed. This leaves 6 additional COW carts that will need to be addressed during this summer's refresh cycle.

Each Chromebooks cart of 36 devices costs about \$14,000, compared to a MacBook COW cart of 20 laptops costing \$45,000. Chromebooks do have a shorter life span than MacBooks (Chromebooks = 4-5 years, MacBooks = 7-8 years) and are more limited in the programs they can run, but the ability to provision a full cart of devices so that every student in the class can have their own device at one third of the cost of a new cart of Macbooks is compelling.

The district is moving ahead with a wider Google Apps For Education deployment where every student will have an account with which to access Google Classroom and Google Drive and students in the upper grades may have limited email. The replacement of COWs with Chromebook carts will allow many more teachers to have their entire class participate in the on-line learning and collaboration tools (where a COW consisting of only 20 Macbooks doesn't allow every student to be on a device).

As more teachers move toward using Google Classroom and GAFE, the district will move closer to a paperless learning environment which not only is better for the environment (saving trees), but could also save the district significant money in the cost of buying paper and acquiring and maintaining photocopiers. This also will move the district closer to a 1 to 1 mobile device learning environment.

Chromebooks and iPads serve complementary roles, with each tool being better at different tasks. If and when the district achieves a 1-to-1 mobile device deployment program, say, iPads in the elementary schools and Chromebooks/laptops in the secondary grades, any Chromebooks not needed at the elementary level due to 1 to 1 iPads could go toward provisioning students/classrooms at the secondary level.

The cost of six Chromebook carts (with spares) is estimated to be about \$90,000.