PERALTA COMMUNITY COLLEGE DISTRICT

Board of Trustees Agenda Report

For the Trustee Meeting Date of May 14, 2013

ITEM TITLE:

Consider Approval to Purchase Computers and Telecommunication Equipment and Services for the Laney Tower Project through the use of a Piggyback-able Contract.

SPECIFIC BOARD ACTION REQUESTED:

Approval is requested to purchase computers and telecommunication equipment and services for the Laney Tower Project from NetXperts Inc. using a piggyback-able contract through the California Multiple Award Schedules (CMAS), in the not-to-exceed amount of $446,985.18.

ITEM SUMMARY:

Under the Public Contract Code section 20652, the governing board of any community college district, without advertising for bids, and when that Board has determined that it is best interests of the District, may authorize by contract to purchase materials and equipment utilizing piggyback-able contracts. The administration would like to utilize the piggyback-able contract of California Multiple Award Schedules (CMAS) Contract #3-09-70-0622G – Hardware and Contract# 3-11-0622J - Services for Laney Tower's computers and telecommunication equipment needs.

The administration in cooperation with the Purchasing Department conducted a contract quote analysis using the CMAS and Western States Contracting Alliance (WSCA) procurement methods. The CMAS uses existing competitively awarded government contracts to create the basis for the procurement needs of the State of California. To be considered for the CMAS Program, an existing contract must be awarded by the federal government or any other governmental entity in any state and awarded using a competitive process. The CMAS program provides a specialized procurement process for obtaining computers and telecommunication products and services to state and local government agencies as well as public educational institutions within the State of California. This program ensures that purchasing agencies are given the flexibility to choose the services that best meet their specific business needs, while maintaining an easy-to-use cost-effective government procurement plan. This eliminates the three-bid process and insures competitive pricing in a timely manner. CMAS contracts are available for use and benefit public and private schools, colleges, universities, cities, counties, non-profits and all other governmental entities. This piggy-back contract has been reviewed and appropriate discount was applied to this purchase by the vendor as verified by the Purchasing Department.

The Western States Contracting Alliance-National Association of State Procurement (WSCA-NASPO) Cooperative Purchasing Organization encourages, fosters, and guides participating members to work together to create true procurement cooperatives. This organization leverages the collective expertise and experience of WSCA and NASPO, aggregate the demand of all 50 states, the District of Columbia and the five (5) organized territories, their political subdivisions and other eligible entities to help spur innovation and competition in the marketplace. All authorized governmental entities in any state are welcome to use WSCA-NASPO cooperative contracts with the approval of that state's State Chief Procurement Official. This cooperative purchasing benefits states as well as cities, counties, public schools, institutions of higher education and other eligible entities.

A request for piggyback-able CMAS contract quotes was conducted for this project between two (2)

vendors, NetXperts Inc. and Golden Star Technology. Both vendors met with the Information Technology Department and formulated the required equipment necessary to provide stable and effective support for the required functions of administration, staff, and faculty in Laney Tower. Also, NetXperts Inc. provided a quote using the WSCA-NASPO piggy-backable contract method. The resulting quotes were as follows:

CONTRACTOR	PIGGY – BACKABLE CONTRACT	LOCATION	TOTAL BID
NetXperts Inc.	CMAS	San Ramon, CA	$ 446,985.18
NetXperts Inc.	WSCA-NASPO	San Ramon, CA	$ 469,058.85
Golden Star Technology Inc. dba GST Inc.	CMAS	Cerritos, CA	$ 594,746.44

The lowest responsible and responsive piggyback-able contract quote was submitted by NetXperts Inc., as a CMAS contract in the amount of $446,985.18.

After Board approval, the administration will immediately begin the requisition process in order for vendors to deliver the furniture by mid-June, 2013. This project is supported in the Five Year Laney College Facilities Master Plan 2012. All Board approved contracts are subject to final negotiation and execution by the Chancellor. The Chancellor recommends approval.

SOURCE OF FUNDS (AND FISCAL/BUDGETARY IMPACT):
Measure A, as approved by the voters in Peralta's constituency and authorized under Resolution 05/06-45, Exhibit A-1, Laney College, "Administration-Tower building repairs, upgrades, and renovations." Budget Code: 1-63-391-6403-1-710000-2389.

BACKGROUND/ANALYSIS:
The existing computers and telecommunications infrastructure in Laney Tower will not accommodate the increase of administration, staff, and faculty who will use the building after the building renovation is complete. Therefore, additional and new computers and telecommunication equipment are needed to support this increase. A request for piggyback-able contract quotes was conducted between two (2) information technological equipment vendors using the CMAS and WSCA-NASPO procurement methods to provide the necessary equipment and improvements. Both vendors met with the Information Technology Department and formulated the new required computers and telecommunication equipment necessary to provide a stable and effective support for the required functions of administration, staff, and faculty to be housed in Laney Tower.

DELIVERABLES AND SCOPE OF WORK:
Under this purchase, NetXperts Inc. deliverables will include equipment for the main distribution facility (MDF) and intermediate distribution facility (IDF), minimum point of entry (MPOE), equipment and licenses, and cables to form the MDF to intermediate distribution frames and equipment as described in quote.

ANTICIPATED COMPLETION DATE:
The anticipated completion date for this work is July 31, 2013

ALTERNATIVES/OPTIONS:
None

EVALUATION AND RECOMMENDED ACTION:
The computers and telecommunication equipment provided by NetXperts Inc. is highly recommended because it was analyzed to be compatible with the existing system. Further, the new computers and telecommunication equipment addresses the increase in users and needs of the Laney College students, administration, faculty and staff. Approval is recommended to piggyback on the CMAS contract with NetXperts Inc. for the purchase of the computers and telecommunication equipment.

OTHER DEPARTMENTS IMPACTED BY THIS ACTION (E.G. INFORMATION TECHNOLOGY):
YES ____X____ **NO** _____

The District must coordinate and work with the Purchasing Department to buy the computers and telecommunication equipment and cooperate with the Information Technology Department to properly setup the equipment to service the Laney College administration, faculty, and staff before they move into the building.

COMMENTS:
All Board recommended contracts are subject to negotiation and execution by the Chancellor.

WHO WILL BE PRESENTING THIS ITEM AT THE BOARD MEETING? Vice Chancellor Ikharo and Vice Chancellor Gerhard

(*****Board contract approval is subject to negotiation and execution by the Chancellor.)

DOCUMENT PREPARED BY:
Prepared by: *Dr. Sadiq B. Ikharo* Date: May 8, 2013
Vice Chancellor of General Services

DOCUMENT PRESENTED AND APPROVED BY:

Presented and approved by: *Dr. Sadiq B. Ikharo* Date: May 8, 2013
Vice Chancellor of General Services

FINANCE DEPARTMENT REVIEW

___X___ Finance review required _____ Finance review *not* required

If Finance review is required, determination is: ____ Approved ____ Not Approved

If not approved, please give reason: _____

_____

Signature: *Ronald Gerhard* Date: _____
Ron Gerhard, Vice Chancellor for Finance and Administration

GENERAL COUNSEL (Legality and Format/adherence to Education Codes):

_____ Legal review required _____ Legal review *not* required

If Legal review is required, determination is: ____ Approved ____ Not Approved

Signature: *Thuy Thi Nguyen* _____ Date: _____
Thuy Thi Nguyen, General Counsel

CHANCELLOR'S OFFICE APPROVAL

_____ Approved, and Place on Agenda ____ Not Approved, but Place on Agenda

Signature: *José M. Ortiz* _____ Date: _____
Dr. José M. Ortiz, Chancellor

NETXPERTS INC.
All Net, All the Time

NetXperts Inc.
2680 Bishop Drive Suite 125
San Ramon, CA 94583
925-806-0800 Tel
925-806-0899 Fax

QUOTE

Quote #	NETQ9982
Date	04/19/13
Sales Rep.	lmaiorana

Quote To:

Peralta Community College
Jonathan Olkowski
333 East 8th St.
Oakland
CA 94606
510-466-7323
jolkowski@peralta.edu

Ship To:

Peralta Community College
Jonathan Olkowski
333 East 8th St.
Oakland
CA 94606
510-466-7323
jolkowski@peralta.edu

Qty	Part Number	Description	Unit Price	Ext. Price
		CMAS Contract# 3-09-70-0622G - Hardware CMAS Contract# 3-11-0622J - Services		
		Not to exceed the amount		
		MDF/MPOE		
74	GLC-SX-MMD=	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	$260.00	$19,240.00
12	GLC-T=	1000BASE-T SFP	$205.40	$2,464.80
2	N5K-C5596UP-FA	Nexus 5596UP 2RU Chassis, 2PS, 4 Fans, 48 Fixed 10GE Ports	$19,136.00	$38,272.00
6	N55-M-BLNK	Nexus 5500 Module Blank Cover		
4	N55-PAC-1100W	Nexus 5500 PS, 1100W, Front to Back Airflow		
2	N5596-ACC-KIT	Nexus 5596 Chassis Accessory Kit		
8	N5596UP-FAN	Nexus 5596UP Fan Module		
4	CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America		
2	N5KUK9-602N1.2	Nexus 5000 Base OS Software Rel 6.0(2)N1(2)		
2	CON-SNTP-5596UP	SMARTNET 24X7X4 Nexus 5596UP 2RU Chassis, 2PS, 4 Fans	$1,468.48	$2,936.96
10	SFP-10G-SR=	10GBASE-SR SFP Module	$777.40	$7,774.00
2	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	$109.20	$218.40
1	WS-C4506E-S7L+96V+	4506-E Chassis, two WS-X4648-RJ45V+E, Sup7L-E, LAN Base	$9,360.00	$9,360.00
1	C4500E-LB	License for Lan Base		
1	WS-X45-SUP7L-E	Catalyst 4500 E-Series Supervisor 7L-E, 520Gbps		
2	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
1	C4500E-S6-UPOE	WS-X4748-UPOE+E Upgrade for bundles 6 slots	$1,560.00	$1,560.00

Qty	Part Number	Description	Unit Price	Ext. Price
		IDF 505		
2	SFP-10G-SR=	10GBASE-SR SFP Module	$777.40	$1,554.80
2	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	$109.20	$218.40
2	WS-C4510RE-S7+96V+	4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup7-E	$17,160.00	$34,320.00
2	C4500E-LB	License for Lan Base		
2	WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps		
4	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
2	C4500E-S7-UPOE	WS-X4748-UPOE+E Upgrade for Bundles	$1,560.00	$3,120.00
8	CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US		
2	PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,557.40	$3,114.80
2	PWR-C45-4200ACV/2	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,557.40	$3,114.80
2	S45EUK9-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal Crypto Image		
10	WS-X4748-RJ45-E	Catalyst 4500 E-Series 48-Port 10/100/1000 Non-Blocking	$3,637.40	$36,374.00
2	CON-SNT-4510RES7	SMARTNET 8X5XNBD 4510R+E Chassis, Two WS-X4748-RJ45V+E	$1,407.12	$2,814.24
		IDF 905		
2	SFP-10G-SR=	10GBASE-SR SFP Module	$777.40	$1,554.80
2	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	$109.20	$218.40
1	WS-C4510RE-S7+96V+	4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup7-E	$17,160.00	$17,160.00
1	C4500E-LB	License for Lan Base		
1	WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps		
2	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
1	C4500E-S7-UPOE	WS-X4748-UPOE+E Upgrade for Bundles	$1,560.00	$1,560.00
4	CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US		
1	PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,557.40	$1,557.40
1	PWR-C45-4200ACV/2	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,557.40	$1,557.40
1	S45EUK9-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal Crypto Image		
5	WS-X4748-RJ45-E	Catalyst 4500 E-Series 48-Port 10/100/1000 Non-Blocking	$3,637.40	$18,187.00
1	CON-SNT-4510RES7	SMARTNET 8X5XNBD 4510R+E Chassis, Two WS-X4748-RJ45V+E	$1,407.12	$1,407.12
1	WS-C4510RE-S7+96V+	4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup7-E	$17,160.00	$17,160.00
1	C4500E-LB	License for Lan Base		
1	WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps		
2	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
1	C4500E-S7-UPOE	WS-X4748-UPOE+E Upgrade for Bundles	$1,560.00	$1,560.00
4	CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US		
1	PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,557.40	$1,557.40

Qty	Part Number	Description	Unit Price	Ext. Price
		Tower Design Nexus 5596 core switch installation and configuration (QTY 2) MDF 4506 switch installation and configuration (QTY 1) IDF-205 4506 switch installation and configuration (QTY 2) IDF 505 4510 switch installation and configuration (QTY 2) IDF 905 4510 switch installation and configuration (QTY 2) Existing 5508 WLC IOS upgrade to support 2602 APs Existing 5508 controller configuration for new APs (QTY 24 APs) 2602 AP installation Cutover (non-business hours) Deployment and Cutover Plan Discussion with Customer Testing and fine tuning Documentation Project Management		
		Assumptions: **Nexus 5K's only require static routing (no advanced routing such as BGP, MPLS, EIGRP, etc.)** **4500 switches require only L2 - all L3 is done on the core Nexus 5K's** **Each 4500 switch can support up to 96 PoE devices** **Existing 62.5 micron multi-mode cabling will support the 10Gb connectivity backbone in the Tower building** **4500 switches with Sup7L-E only support up to QTY 2 10Gb SFP+ ports (one for the uplink to the core Nexus 5K's and one for VSS)** **The proposed Nexus 5Ks can support up to QTY 96 1/10Gb SFP ports (MMF, SMF, FC, FCoE, Twinax, Copper) - FCoE/FC requires a license upgrade** **Existing fiber patch panels require SC type connectors (Cisco gear uses LC type connectors)** **Supervisor engine redundancy is not required** **24x7x4 support only required on the core Nexus 5K switches - 8x5xNBD support on all other devices** **Patch panels, patch cord**		

GST
Information Technology Solutions

Golden Star Technology Inc. DBA: GST Inc.
13043 166th Street
Cerritos , California 90703
United States
http://www.gstes.com

Quotation

Date	Expiration Date
Apr 30, 2013 10:50 AM PDT	May 30, 2013

Doc #
70381 - rev 2 of 2

Description
PER606 CISCO SWITCHES LANEY COLLEGE TOWER

SalesRep
Harrison, Chris
(P) 562-345-8776

Customer Contact
Dioquino, Michael
(P) 510.587.7848
mdioquino@peralta.edu

Customer
Peralta Community College District (PC2203)
333 East 8th Street
Oakland, California 94606
(P) 510.587.7848

Bill To
Peralta Community College District
Payable, Accounts
333 East 8th Street
Oakland, California 94606
(P) 510.587.7848

Ship To
Peralta Community College District
Dioquino, Michael
333 East 8th Street
Oakland, California 94606
(P) 510.587.7848

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

	Item Description	Part #	List Price	Qty	Tax	Unit Price	Total
	MDF/MPOE						
1	Cisco SFP (mini-GBIC) transceiver module - 1000Base-SX - LC/PC multi-mode - plug-in module - up to 0.6 miles - 850 nm - for Cisco 38XX, 7301, 7301 VAM2+; Catalyst 29XX, 3560, 3750; ME 3400, 4924, 6524	GLC-SX-MMD=	$500.00	74	Yes	$300.44	$22,232.56
2	Cisco SFP (mini-GBIC) transceiver module - 1000Base-T - RJ-45 - plug-in module - up to 330 ft - for Cisco 5508; Catalyst 2970G, 3560, 3560E, 3560G, 3560X, 3750	GLC-T=	$395.00	12	Yes	$231.39	$2,776.68
3	Cisco Nexus 5596UP Switch - managed - 48 x SFP+ - rack-mountable	N5K-C5596UP-FA	$36,800.00	2	Yes	$21,865.09	$43,730.18
4	Cisco Blank panel - for Nexus 5548, 5548P, 5548UP, 5596UP	N55-M-BLNK=	$75.00	6	Yes	$45.64	$273.84
5	Cisco Power supply - hot-plug / redundant (plug-in module) - AC 100-240 V - 1100 Watt - for Nexus 5596UP, 5596UP Storage Solutions Bundle	N55-PAC-1100W=	$1,500.00	4	Yes	$912.79	$3,651.16
6	Cisco Network device accessory kit - for Nexus 5596UP, 5596UP Storage Solutions Bundle	N5596-ACC-KIT=	$100.00	2	Yes	$60.85	$121.70
7	Cisco Nexus 5596UP Fan Module Fan unit - for Nexus 5596UP, 5596UP Storage Solutions Bundle	N5596UP-FAN=	$300.00	8	Yes	$182.56	$1,460.48
8	Cisco Power cable (125 VAC) - NEMA 5-15 (M) - IEC 320 EN 60320 C13 - 8 ft - North America - for MDS 9020, 9216, 9216A, 9216i	CAB-9K12A-NA=	$25.00	4	Yes	$14.65	$58.60
9	Cisco SMARTnet Premium Extended service agreement - replacement - 24x7 - 4 h - for P/N: N5K-C5596UP-FA	CON-SNTP-5596UP	$2,824.00	2	No	$2,288.92	$4,577.84
10	Cisco SFP+ transceiver module - 10GBase-SR - LC/PC multi-mode - plug-in module - up to 980 ft - 850 nm - for Catalyst Switch Module 3012, Switch Module 3110G, Switch Module 3110X; Nexus 5010	SFP-10G-SR=	$1,495.00	10	Yes	$875.77	$8,757.70
11	Cisco SFP+ Copper Twinax Cable Twinaxial cable - SFP+ - SFP+ - 10 ft - SFF-8436/IEEE 802.3ae - for Catalyst 2960, 2960-24, 2960-48, 2960G-24, 2960G-48, 2960S-24, 2960S-48	SFP-H10GB-CU3M=	$210.00	2	Yes	$123.02	$246.04
	Cisco Catalyst 4506-E						

33	Cisco Supervisor Engine 7L-E Control processor - plug-in module	WS-X45-SUP7L-E	$11,995.00	1	Yes	$7,026.67	$7,026.67
34	Cisco Catalyst 4500E Series Universal PoE Line Card Switch - 48 x 10/100/1000 - plug-in module - PoE - for Catalyst 4500E, 4503-E, 4506-E, 4507R+E, 4507R-E, 4510R+E, 4510R-E	WS-X4748-UPOE+E	$8,995.00	2	Yes	$5,269.27	$10,538.54
35	Cisco License (UPOE upgrade license) - 1 switch - for Catalyst 4503-E, 4506-E, 4507R+E, 4507R-E, 4510R+E, 4510R-E	C4500E-S6-UPOE	$3,000.00	1	No	$1,757.40	$1,757.40
36	Cisco Power cable (125 VAC) - IEC 320 EN 60320 C19 (F) - NEMA 5-20 (M) - 14 ft - North America - for P/N: PWR-C45-1400AC, PWR-C45-1400AC/2, PWR-C45-1400AC=, PWR-C45-1400AC-RF	CAB-US520-C19-US=	$40.00	1	Yes	$23.43	$23.43
37	Cisco Power supply (internal) - AC 100-240 V - 1300 Watt - for Catalyst 4503, 4506, 4507R, 4510R	PWR-C45-1300ACV	$995.00	1	Yes	$582.87	$582.87
38	Cisco Power supply (internal) - 1300 Watt - for Catalyst 4503, 4506, 4507R, 4510R	PWR-C45-1300ACV/2	$995.00	1	Yes	$582.87	$582.87
39	Cisco Catalyst 4500E Series Line Card Switch - 48 x 10/100/1000 - plug-in module - for Catalyst 4507R-E, 4507R-E Data Bundle, 4507R-E PoE Bundle, 4510R-E	WS-X4748-RJ45-E	$6,995.00	2	Yes	$4,097.67	$8,195.34
40	Cisco SMARTnet Extended service agreement - replacement - 8x5 - NBD - for P/N: WS-C4506E-S7L+96V+	CON-SNT-C4506S7L	$1,040.00	1	No	$842.95	$842.95
	IDF 505						
41	Cisco SFP+ transceiver module - 10GBase-SR - LC/PC multi-mode - plug-in module - up to 980 ft - 850 nm - for Catalyst Switch Module 3012, Switch Module 3110G, Switch Module 3110X; Nexus 5010	SFP-10G-SR=	$1,495.00	2	Yes	$875.77	$1,751.54
42	Cisco SFP+ Copper Twinax Cable Twinaxial cable - SFP+ - SFP+ - 10 ft - SFF-8436/IEEE 802.3ae - for Catalyst 2960, 2960-24, 2960-48, 2960G-24, 2960G-48, 2960S-24, 2960S-48	SFP-H10GB-CU3M=	$210.00	2	Yes	$123.02	$246.04
43	Cisco Catalyst 4510R+E Switch - managed - 96 x 10/100/1000 + 4 x SFP+ - rack-mountable - PoE - with Cisco Catalyst 4500E Supervisor Engine 7-E, 2x Cisco Line Cards (WS-X4748-RJ45V+E)	WS-C4510RE-S7+96V+	$33,000.00	2	Yes	$19,607.28	$39,214.56
44	Cisco Supervisor Engine 7-E Control processor - plug-in module	WS-X45-SUP7-E	$19,995.00	2	Yes	$11,713.07	$23,426.14
45	Cisco Catalyst 4500E Series Universal PoE Line Card Switch - 48 x 10/100/1000 - plug-in module - PoE - for Catalyst 4500E, 4503-E, 4506-E, 4507R+E, 4507R-E, 4510R+E, 4510R-E	WS-X4748-UPOE+E	$8,995.00	4	Yes	$5,269.27	$21,077.08
46	Cisco License (UPOE upgrade license) - 1 switch - for Catalyst 4503-E, 4506-E, 4507R+E, 4507R-E, 4510R+E, 4510R-E	C4500E-S7-UPOE	$3,000.00	2	No	$1,757.40	$3,514.80
47	Cisco Power cable - IEC 320 EN 60320 C19 - NEMA 5-15 (M) - 6 ft - United States - for P/N: PWR-C45-4200ACV, PWR-C45-4200ACV/2, PWR-C45-4200ACV=	CAB-US515P-C19-US=	$45.00	8	Yes	$26.36	$210.88
48	Cisco 4200 WAC Power supply - AC 100/200 V - 4200 Watt - for Catalyst 4503, 4506, 4507R, 4510R	PWR-C45-4200ACV	$2,995.00	2	Yes	$1,822.53	$3,645.06
49	Cisco 4200 WACV Power supply - hot-plug / redundant (plug-in module) - AC 110/220 V - 4200 Watt - for Catalyst 4503, 4506, 4507R, 4510R	PWR-C45-4200ACV/2	$2,995.00	2	Yes	$1,822.53	$3,645.06
50	Cisco Catalyst 4500E Series Line Card Switch - 48 x 10/100/1000 - plug-in module - for Catalyst 4507R-E, 4507R-E Data Bundle, 4507R-E PoE Bundle, 4510R-E	WS-X4748-RJ45-E	$6,995.00	10	Yes	$4,097.67	$40,976.70
51	Cisco SMARTnet Extended service agreement - replacement - 8x5 - NBD - for P/N: WS-C4510RE-S7+96V+	CON-SNT-4510RES7	$2,706.00	2	No	$2,193.28	$4,386.56
	IDF 905						
52	Cisco SFP+ transceiver module - 10GBase-SR - LC/PC multi-mode - plug-in module - up to 980 ft - 850 nm - for Catalyst Switch Module 3012, Switch Module 3110G, Switch Module 3110X; Nexus 5010	SFP-10G-SR=	$1,495.00	2	Yes	$875.77	$1,751.54

75	License License (upgrade license (electronic delivery)) - for P/N: LIC-CT5508-BASE	L-LIC-CT5508-UPG	N/A	1	No	$0.00	$0.00
76	Cisco 5500 Series Wireless Controller Additive Capacity License License (license (electronic delivery)) - 25 access points - for P/N: AIR-CT5508-25-K9	L-LIC-CT5508-25A	$12,495.00	1	No	$7,319.57	$7,319.57
77	Cisco SMARTnet Extended service agreement - replacement - 8x5 - NBD - for P/N: LIC-CT5508-25A, L-LIC-CT5508-25A	CON-SNT-LCT25A	$1,000.00	1	No	$810.53	$810.53
78	Cisco SMARTnet Extended service agreement - replacement - 8x5 - NBD - for P/N: LIC-CT5508-UPG, L-LIC-CT5508-UPG	CON-SNT-LCTUPG	N/A	1	No	$0.00	$0.00
	Spare Sup 7L-E + Sup 7-E + RJ45 Line Cards						
79	Cisco SFP (mini-GBIC) transceiver module - 1000Base-SX - LC/PC multi-mode - plug-in module - up to 0.6 miles - 850 nm - for Cisco 38XX, 7301, 7301 VAM2+; Catalyst 29XX, 3560, 3750; ME 3400, 4924, 6524	GLC-SX-MMD=	$500.00	2	Yes	$300.44	$600.88
80	Cisco SFP (mini-GBIC) transceiver module - 1000Base-T - RJ-45 - plug-in module - up to 330 ft - for Cisco 5508; Catalyst 2970G, 3560, 3560E, 3560G, 3560X, 3750	GLC-T=	$395.00	2	Yes	$231.39	$462.78
81	Cisco SFP+ transceiver module - 10GBase-SR - LC/PC multi-mode - plug-in module - up to 980 ft - 850 nm - for Catalyst Switch Module 3012, Switch Module 3110G, Switch Module 3110X; Nexus 5010	SFP-10G-SR=	$1,495.00	2	Yes	$875.77	$1,751.54
82	Cisco SFP+ Copper Twinax Cable Twinaxial cable - SFP+ - SFP+ - 10 ft - SFF-8436/IEEE 802.3ae - for Catalyst 2960, 2960-24, 2960-48, 2960G-24, 2960G-48, 2960S-24, 2960S-48	SFP-H10GB-CU3M=	$210.00	2	Yes	$123.02	$246.04
83	Cisco Supervisor Engine 7-E Control processor - plug-in module	WS-X45-SUP7-E=	$19,995.00	1	Yes	$11,713.07	$11,713.07
84	Cisco Supervisor Engine 7L-E Control processor - plug-in module	WS-X45-SUP7L-E=	$11,995.00	1	Yes	$7,026.67	$7,026.67
85	Cisco Catalyst 4500E Series Universal PoE Line Card Switch - 48 x 10/100/1000 - plug-in module - PoE - for Catalyst 4500E, 4503-E, 4506-E, 4507R+E, 4507R-E, 4510R+E, 4510R-E	WS-X4748-UPOE+E=	$8,995.00	1	Yes	$5,269.27	$5,269.27

FREE GROUND SHIPPING

CMAS CONTRACT # 3-10-70-1975E

Subtotal:	$548,637.06
Tax (9.000%):	$46,109.38
Shipping:	$0.00
Total:	**$594,746.44**

PREPARED BY:
RANDEE ENGLE
RENGLE@GSTES.COM
562-345-8762

5/1/13 REV2
ADD CONTRACT #
RBE

Thank you. We value your business and will continue to provide you excellent service in addition to our comprehensive product line.

NETXPERTS INC.
All Net, All the Time

NetXperts Inc.
2680 Bishop Drive Suite 125
San Ramon, CA 94583
925-806-0800 Tel
925-806-0899 Fax

QUOTE

Quote #	NETQ9919
Date	04/19/13
Sales Rep.	lmaiorana

Quote To:

Peralta Community College
Jonathan Olkowski
333 East 8th St.
Oakland
CA 94606
510-466-7323
jolkowski@peralta.edu

Ship To:

Peralta Community College
Jonathan Olkowski
333 East 8th St.
Oakland
CA 94606
510-466-7323
jolkowski@peralta.edu

Qty	Part Number	Description	Unit Price	Ext. Price
		WSCA Contract# 7-08-70-13 **Not to exceed the amount**		
		MDF/MPOE		
74	GLC-SX-MMD=	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	$275.00	$20,350.00
12	GLC-T=	1000BASE-T SFP	$217.25	$2,607.00
2	N5K-C5596UP-FA	Nexus 5596UP 2RU Chassis, 2PS, 4 Fans, 48 Fixed 10GE Ports	$20,240.00	$40,480.00
6	N55-M-BLNK	Nexus 5500 Module Blank Cover		
4	N55-PAC-1100W	Nexus 5500 PS, 1100W, Front to Back Airflow		
2	N5596-ACC-KIT	Nexus 5596 Chassis Accessory Kit		
8	N5596UP-FAN	Nexus 5596UP Fan Module		
4	CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America		
2	N5KUK9-602N1.2	Nexus 5000 Base OS Software Rel 6.0(2)N1(2)		
2	CON-SNTP-5596UP	SMARTNET 24X7X4 Nexus 5596UP 2RU Chassis, 2PS, 4 Fans	$1,553.20	$3,106.40
10	SFP-10G-SR=	10GBASE-SR SFP Module	$822.25	$8,222.50
2	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	$115.50	$231.00
1	WS-C4506E-S7L+96V+	4506-E Chassis, two WS-X4648-RJ45V+E, Sup7L-E, LAN Base	$9,900.00	$9,900.00
1	C4500E-LB	License for Lan Base		
1	WS-X45-SUP7L-E	Catalyst 4500 E-Series Supervisor 7L-E, 520Gbps		
2	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
1	C4500E-S6-UPOE	WS-X4748-UPOE+E Upgrade for bundles 6 slots	$1,650.00	$1,650.00
2	CAB-US520-C19-US	NEMA 5-20 to IEC-C19 14ft US		
1	PWR-C45-1300ACV	Catalyst 4500 1300W AC Power Supply (Data and PoE)	$547.25	$547.25
1	PWR-C45-1300ACV/2		$547.25	$547.25

Qty	Part Number	Description	Unit Price	Ext. Price
2	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	$115.50	$231.00
2	WS-C4510RE-S7+96V+	4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup7-E	$18,150.00	$36,300.00
2	C4500E-LB	License for Lan Base		
2	WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps		
4	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
2	C4500E-S7-UPOE	WS-X4748-UPOE+E Upgrade for Bundles	$1,650.00	$3,300.00
8	CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US		
2	PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,647.25	$3,294.50
2	PWR-C45-4200ACV/2	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,647.25	$3,294.50
2	S45EUK9-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal Crypto Image		
10	WS-X4748-RJ45-E	Catalyst 4500 E-Series 48-Port 10/100/1000 Non-Blocking	$3,847.25	$38,472.50
2	CON-SNT-4510RES7	SMARTNET 8X5XNBD 4510R+E Chassis, Two WS-X4748-RJ45V+E	$1,488.30	$2,976.60
		IDF 905		
2	SFP-10G-SR=	10GBASE-SR SFP Module	$822.25	$1,644.50
2	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	$115.50	$231.00
1	WS-C4510RE-S7+96V+	4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup7-E	$18,150.00	$18,150.00
1	C4500E-LB	License for Lan Base		
1	WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps		
2	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
1	C4500E-S7-UPOE	WS-X4748-UPOE+E Upgrade for Bundles	$1,650.00	$1,650.00
4	CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US		
1	PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,647.25	$1,647.25
1	PWR-C45-4200ACV/2	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,647.25	$1,647.25
1	S45EUK9-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal Crypto Image		
5	WS-X4748-RJ45-E	Catalyst 4500 E-Series 48-Port 10/100/1000 Non-Blocking	$3,847.25	$19,236.25
1	CON-SNT-4510RES7	SMARTNET 8X5XNBD 4510R+E Chassis, Two WS-X4748-RJ45V+E	$1,488.30	$1,488.30
1	WS-C4510RE-S7+96V+	4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup7-E	$18,150.00	$18,150.00
1	C4500E-LB	License for Lan Base		
1	WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps		
2	WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)		
1	C4500E-S7-UPOE	WS-X4748-UPOE+E Upgrade for Bundles	$1,650.00	$1,650.00
4	CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US		
1	PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,647.25	$1,647.25
1	PWR-C45-4200ACV/2	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	$1,647.25	$1,647.25
1	S45EUK9-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal Crypto Image		

Qty	Part Number	Description	Unit Price	Ext. Price
		configuration (QTY 2) IDF 505 4510 switch installation and configuration (QTY 2) IDF 905 4510 switch installation and configuration (QTY 2) Existing 5508 WLC IOS upgrade to support 2602 APs Existing 5508 controller configuration for new APs (QTY 24 APs) 2602 AP installation Cutover (non-business hours) Deployment and Cutover Plan Discussion with Customer Testing and fine tuning Documentation Project Management		
		Assumptions: **Nexus 5K's only require static routing (no advanced routing such as BGP, MPLS, EIGRP, etc.)** **4500 switches require only L2 - all L3 is done on the core Nexus 5K's** **Each 4500 switch can support up to 96 PoE devices** **Existing 62.5 micron multi-mode cabling will support the 10Gb connectivity backbone in the Tower building** **4500 switches with Sup7L-E only support up to QTY 2 10Gb SFP+ ports (one for the uplink to the core Nexus 5K's and one for VSS)** **The proposed Nexus 5Ks can support up to QTY 96 1/10Gb SFP ports (MMF, SMF, FC, FCoE, Twinax, Copper) - FCoE/FC requires a license upgrade** **Existing fiber patch panels require SC type connectors (Cisco gear uses LC type connectors)** **Supervisor engine redundancy is not required** **24x7x4 support only required on the core Nexus 5K switches - 8x5xNBD support on all other devices** **Patch panels, patch cord labeling, and cable management is not required** **Distributing patch cords to workstations is not included**		