

TOWN OF GLASTONBURY

BID# GL-2011-04 BP-119 TECHNOLOGY

Glastonbury East Hartford Elementary Magnet School
State No. 054-0095 MAG/N/PS PHASE 3 OF 4

GLASTONBURY, CONNECTICUT

Please be advised that the following addendum has been provided to all bidders:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents Dated September 26, 2011. Bidders shall acknowledge receipt of this Addendum in the Addendum Receipt form Section 00420 of the Project Manual. The Addendum Receipt form must accompany all bids in order to be considered as a qualified bid.

The following changes to the Drawings and Project Manual shall become a part of the Drawings, Bidding Requirements, and Contract Documents; superseding previously issued Drawings, Bidding Requirements and Contract Documents, to the extent modified by this Addendum No. 1.

This addendum consists of eight (8) pages. Including REVISED PARTS LIST pages 272100-8, and 272100-9 dated March 19, 2012

QUESTIONS AND ANSWERS

- 1.) **Question:** The bid specification calls for a Avaya IP Office phone system. Will an equal or better product be allowed. Please let me know.
Answer: No alternate to Avaya as stated in article 2.1-2

- 2.) **Question:** In Section 272100-3, Subsection 2.1.B Active Electronics, It states that all Active Electronics will be procured, delivered and installed by the contractor, but that configurations will be done by the Owner.
 - a. **Q.:** Does this mean the contractor only has install the active electronics into the racks and attach required accessories?
A.: No, CREC will install the network switches, UPS, routers, firewalls, and server into the rack.
 - b. **Q.:** Is the contractor required to install the patch cables and fiber cables?
A.: No, CREC will install all patching in the Data Rooms. All patching at the workstation shall be by the contractor awarded this section.
 - c. **Q.:** If the contractor is required to install the cables, does the contractor have to record the port numbers and their end point location on the patch panel?
A.: The contractor awarded this section will need to provide a list of ports that the computers and network devices are patched into. No documentation is required within the data closets by the contractor awarded this section.
 - d. **Q.:** Will the contractor be required to create any VLANS or other technical steps to make the active electronics work?
A.: No.

3.) **Question:** In Section 272100-6, Subsection 3.2.C. Field Quality Control, the document requests a factory authorized service representative to inspect test, and adjust components, assemblies and equipment installations including connections and to assist in testing. If the Owner will be responsible for configuring the active electronics, what does the owner want of the contractor, and how much time does the Owner want from contractor to perform these activities?

Answer: Telephone vendor must be present/available until phone system is fully operational. Telephone vendor is required to install and configure the phone system.

Security video contractor must be present/available until system is fully operational. Security video contractor is required to install and configure the video security system. CREC will not install or configure the video security system. CREC does not require vendor assistance with network switches, firewall, UPS, or routers. Wireless networking vendor must be present/available until system is fully operational. Wireless networking vendor will be required to install system and configure.

4.) **Question:** In Section 272200-3 and 272200-4 2.1 Server and 2.2 Network Storage Hardware, the document indicates the units must be furnished and installed.

a. **Q.:** Does the installation require any type of software configuration or just delivery and installation into rack?

A.: Just delivery, CREC will install into the rack and configure the server.

b. **Q.:** Will the Owner or contractor configure the server and storage device?

A.: CREC will configure.

c. **Q.:** What will be required of the contractor with the VMware software, deliver the licenses only, or install it on the server?

A.: Provide the license, CREC will install and configure.

5.) **Question:** IN Section 272200-10, Subsection 2.9 Wireless Keyboard & Mouse, and Subsection 2.10 Document Camera, besides physically installing the devices at the listed locations, is the contractor required to perform any configuration for these or will the Owner?

Answer: Contractor is to un-box and connect keyboard/mouse to computers. Leave document cameras boxed and stored in a secure location.

6.) **Question:** Is a standard manufacturer's warrantee adequate for the following:

- a. Tripp Light KVM equipment
- b. APC UPS
- c. QNAP Network
- d. Interlink VersaPoinr Wireless Desktop Suites
- e. Ipevo Document Camera
- f. iPad Cart

Answer: Yes, manufacturer's warranty is adequate.

7.) **Question:** Will there be a need for the contractor to supply any Microsoft Windows Server software, Client Access Licenses or Microsoft Office licenses. If not, will the Owner provide them to the contractor to allow installation and connectivity? If yes, please specify part numbers, descriptions and quantities.

Answer: CREC will provide software licensing and will be handling imaging of Windows client computers and configuring the server

8.) **Question:** In Section 272200-3, Subsection 2.1.C, the document states that the server specifications are based on an HP server, yet the description is for a DELL T710 Rack Server. Can the Owner supply the equivalent HP server specifications and explain the service level agreement for the server)? (2 years, 3 years, 4 years, onsite and response time).

Answer: Server can be HP or Dell. Hardware specifications for the server should be consistent to the specifications provided for the Dell T710.

- 9.) **Question:** In Section 272200-5, Subsection G.13 and in Section 272200-7, Subsection 2.5.H.15 , the request is for a 4-year warranty on the equipment. Is the warranty to be onsite, next business day or return to manufacturer?
Answer: Next Business day on site.
- 10.) **Question:** In Section 2772200-11, Subsection 2.12, the document requests that the contractor supply 30 iPad2 units with warranty. Resellers are precluded by contract from selling Apple products to K-12 establishments. Doing so would void the contractor's license to sell Apple equipment to the commercial and government market. Will contractors be penalized for not bidding Apple products?
Answer: No. The Town will purchase the iPads directly from the Manufacturer (Apple). No bid is required for this line item.
- 11.) **Question:** In Section 2772200-11, Subsections 2.11 and 2.12, if the contractor cannot purchase the Apple products, yet the products are purchased by the owner directly from Apple, will the contractor be require to indicate the cost of installing the units in the cart and making the iPads ready for use?
Answer: CREC will configure the iPads and install into the cart.
- 12.) **Question:** In Section 2772200-11, Subsections 3.1 Installation, part B requires installation of an asset tag.
a. Will the asset tag be provided by the owner or will the contractor be required to provide the asset tag?
b. What information will need to be entered on the asset tag?
c. What devices will require an asset tag?
d. Will an asset tag be attached to each device or only one tag per paired device (e.g. PC and monitor, notebook and docking station, notebook and monitor, notebook, monitor and docking station)
e. Will a spreadsheet file of all assets and locations be required? If so, what data will be needed?
Answer: NO asset tagging is required. This has been removed from the scope of work required of the bidding contractor.
- 13.) On page 272100-3, Section 1.7 Warranty; Subsection A.1 you indicate a three year warranty is required for all components unless otherwise noted in the specifications. Is this required for the Tripp Light KVM equipment (272100-4, 2.2), for the APC UPS units (272100-6, 2.5), QNAP Network Storage (272200-4, 2.2), Interlink VersaPoint Wireless Desktop Suites (272200-10, 2.9), Ipevo Document Camera (272200-10, 2.10), iPad Cart (272200-11, 2.11) where no discussion of warranties is listed?
Answer: Standard Manufacturer warranty is adequate
- 14.) Will there be a need for the contractor to supply any Microsoft Windows Server software, Client Access Licenses or Microsoft Office licenses. If not, will the Owner provide them to the contractor to allow installation and connectivity? If yes, please specify part numbers, descriptions and quantities.
Answer: No, CREC will provide software licensing and will be handling imaging of Windows client computers and configuring the server
- 15.) In Section 272200-5, Subsection G.13 and in Section 272200-7, Section 2.5.H.15 , the request is for a 4-year warranty on the equipment. Is the 4-year warranty to cover the computers and monitors or only the computers?
Answer: Both computers and Monitors
- 16.) In Section 272200-7, Subsection 2.6 Printers, there are three different printers listed. If these printers are discontinued and replaced before the school is ready for delivery, what is the process for replacing them and adjusting the pricing to reflect an increase or decrease in price?
Answer: Price the models indicated.

17.) In Section 2772200-11, Subsection 2.11, the document requests an iPad cart made by Bretford, but listed under an Apple part # H3635LL/A. May the contractor, purchase the equivalent cart from the manufacturer Bretford?

Answer: Yes but it must meet all of the specifications of the Apple part number.

18.) Will the desktops and notebooks require an image to be installed?

Answer: No, Imaging performed by CREC

19.) Will the Owner or Contractor be responsible for providing patch cables for the desktops, notebooks and printers or will none be needed for the desktops and notebooks as they include wireless capability?

Answer: The contractor awarded this section must provide category 6 rated patch cords.

20.) Will all network ports be wired as live, or will some not be attached to corresponding wall jacks? If the latter, please specify which ports will not be made live.

Answer: The ports for all devices installed as part of this specification shall be connected to a network switch port.

21.) Will secure storage space be made available to the contractor while delivering and installing the various components that might not be able to be installed in a given day?

Answer: Yes.

22.) What is the procedure for daily sign-offs for delivered and installed products (proof of delivery)?

Answer: Any devices delivered to the Owner must be signed for by a CREC authorized employee or designee. It is the responsibility of the bidding contractor of this section to maintain ownership of all devices up until they are signed for by a CREC authorized employee or designee.

23.) In Section 272100-6, Subsection 3.2.C. Field Quality Control, the document requests a factory authorized service representative to inspect test, and adjust components, assemblies and equipment installations including connections and to assist in testing. If the Owner will be responsible for configuring the active electronics, what does the owner want of the contractor, and how much time does the Owner want from contractor to perform these activities?

Answer: Telephone vendor must be present/available until phone system is fully operational. Telephone vendor is required to install and configure the phone system.

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24.) In section 272100-5, Subsection 2.4.C. Wireless Access Points, the document requests a site survey be performed as part of the specification.

a. Q. Will the site survey be performed after all the ceilings and ceiling tiles, walls, cables, doors and other building components are completed to insure a valid survey, or will the contractor be required to perform the survey prior to building completion?

A. Site survey shall be performed after the majority of the construction is completed but before ceilings are installed.

b. Q. Where on the Wireless Access Point pricing sheet does the Owner want the cost of the site survey listed and priced?

A. Article 4.4 has been REVISED. A line item has been added as item 6 for the cost of this item. Delete PARTS LIST, Section 272100-9 and replace it with 272100-9 REVISED dated March 19,

2012, which is included in this Addendum

25.) In Section 272200-3 and 272200-4 2.1 Server and 2.2 Network Storage Hardware, the document indicates the units must be furnished and installed.

a. Q.: Does the installation require any type of software configuration or just delivery and installation into rack?

A.: Just delivery, CREC will install into the rack and configure the server.

b. Q.: Will the Owner or contractor configure the server and storage device?

A.: CREC will configure.

c. Q.: What will be required of the contractor with the VMware software, deliver the licenses only, or install it on the server?

A.: Provide the license, CREC will install and configure.

26.) IN Section 272200-10, Subsection 2.9 Wireless Keyboard & Mouse, and Subsection 2.10 Document Camera, besides physically installing the devices at the listed locations, is the contractor required to perform any configuration for these or will the Owner?

Answer: Contractor awarded this section must ensure that all devices are functional and in working order with each computer that it is paired to.

CLARIFICATIONS:

to Section 002113 of THE TECHNOLOGY PROJECT MANUAL GL-2011-04 BP-119

Delete Article 6.3 D and replace it with the following:

"It is the owner's intent to award the security technology package including sections 281300 Access Controls, 281600 Intrusion Detection, and 282300 Video Surveillance to the same vendor. Other technology categories listed on the bid form may be awarded to a single vendor or multiple vendors. The Town reserves the right to determine the most economical purchase that it determines meets its requirements based on price, compatibility, warranty, service, delivery, freight charges and other factors that it considers relevant."

"The Town shall have the right to accept substitutions as deemed in the best interest of the Town. The Town reserves the right to make a partial award. Should the need arise to make a partial award, the quoted unit item price will be used to calculate the total cost for the quantity of items selected."

to Section 272100-8, 272100-9 of THE TECHNOLOGY PROJECT MANUAL GL-2011-04 BP-119

- Section 272100-8, article 4.2 TR1 - Room #B119, line item #6; changed length of network patch cords to 10' from 1'.
- Section 272100-8, article 4.3 TR2 - Room #B213, line item #7; changed length of network patch cords to 10' from 1'.
- Section 272100-9, article 4.4 Wireless Access Points; added line item #6, wireless ap survey.

MEETING MINUTES FROM PRE-BID MEETING of MARCH 15TH 2012

GLASTONBURY – EAST HARTFORD ELEMENTARY MAGNET SCHOOL PHASE 3 FF&E AND TECHNOLOGY BIDDERS MEETING

Glastonbury East Hartford
Magnet Elementary School
Glastonbury, Connecticut

H090230
054-0095 MAG/N/PS Phase 3 of 4
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March 15, 2012
Addendum No. 1

MEETING NOTES

QUESTIONS:

- **Q: CLARIFY SUBSTITUTION DATE.**
A: THE SUBSTITUTION DATE IS EXTENDED TO MARCH 20TH.

- **Q: CLARIFY DEPLOYMENT / INSTALLATION DATES. WILL THE BUILDING BE TURNED OVER?**
A: THE PROJECT IS PHASED DEPLOYMENT OF FF&E AND PHASED CONSTRUCTION. REFER TO DEPLOYMENT DATES IN BID DOCUMENTS, SPECIFICATION SECTION 00210 SUPPLEMENTARY INSTRUCTIONS TO BIDDERS ARTICLE 10. THOSE WINDOWS OF TIME ARE WHEN THE DEPLOYMENTS MUST OCCUR FOR EACH AREA OF THE BUILDING. REFER TO THE DIAGRAM IN THE UPPER RIGHT HAND CORNER OF THE DRAWINGS WHICH DESCRIBES THE AREAS OF THE SCHOOL CORRESPONDING TO THE DEPLOYMENTS.

- **Q: IS THE BID FORM AVAILABLE IN ELECTRONIC FORMAT?**
A: ONLY IN THE FORMAT GIVEN ON THE TOWN WEBSITE.

- **Q: WHERE IS THE CHECKLIST OF REQUIRED ITEMS TO BE SUBMITTED WITH BID?**
A: IT IS NOT A CHECKLIST YOU NEED TO FILL OUT. THE LIST IS IN "BIDDING REQUIREMENTS" ON PAGE 00 21 13-1 IN BOTH MOVABLE FURNITURE AND TECHNOLOGY SPECIFICATIONS.

- **Q: WHEN WILL AWARDS BE MADE?**
A: AS QUICKLY AS POSSIBLE, GIVEN THAT THE OWNER AND DESIGNERS NEED TO EVALUATE THE BIDS AND MAKE RECOMMENDATION.

END OF ADDENDUM TEXT

PART 4 - PARTS LIST

4.1 MER – ROOM #A002

Item	Quantity	Component	Description	Model number	Unit Cost	Unit Labor	Subtotal
		<u>Network Hardware</u>					
1	1	24 Port POE Gigabit HP Procurve switch - 3500yl-24G-PWR	24 port - POE - Gigabit	J8692A#ABA			
2	1	48 Port POE gigabit HP Procurve switch - 3500yl-48G-PWR	48 port - POE - Gigabit	J8693A#ABA			
3	4	HP GIGABIT-SX-LC MINI-GBIC	SFP Fiber transeiver	J4858C			
4	2	APC Smart-UPS 1500VA 2u		SUA1500RM2u			
5	2	APC 1u basic rack mount pdu (power distribution strip)		AP9562			
6	2	1 meter long Fiber patch cords	fiber multi-mode	as required			
7	75	1' Network Patch cables	Cat6 patch cables	as required			
8	100	6' network patch cables	Cat6 patch cables	as required			
9	100	10' network patch cables	Cat6 patch cables	as required			
		<u>Network rack and peripherals</u>					
10	1	Black Box Keyboard Shelf with Mouse Pad		Specify			
11	1	Tripp Lite 4-Port 1U Rackmount USB/PS2 KVM		B042-004			
12	1	Tripp Lite 6ft PS2/USB KVM Cable Kit for KVM		P780-006			
Section Total							

Written Amount \$ _____

4.2 TR1 – ROOM #B119

Item	Quantity	Component	Description	Model number	Unit Cost	Unit Labor	Subtotal
		<u>Network Hardware</u>					
1	1	24 Port POE Gigabit HP Procurve switch - 3500yl-24G-PWR	24 port - POE - Gigabit	J8692A#ABA			
2	4	48 Port POE gigabit HP Procurve switch - 3500yl-48G-PWR	48 port - POE - Gigabit	J8693A#ABA			
3	2	HP GIGABIT-SX-LC MINI-GBIC	SFP Fiber transeiver	J4858C			
4	2	APC Smart-UPS 1500VA 2u		SUA1500RM2u			
5	2	1 meter long Fiber patch cords	fiber multi-mode	as required			
6	225	10' Network Patch cables	Cat6 patch cables				
Section Total							

Written Amount \$ _____

4.3 TR2 – ROOM #B213

Item	Quantity	Componnet	Description	Model number	Unit Cost	Unit Labor	Subtotal
		<u>Network Hardware</u>					
1	1	24 Port POE Gigabit HP Procurve switch - 3500yl-24G-PWR	24 port - POE - Gigabit	J8692A#ABA			
2	3	48 Port POE gigabit HP Procurve switch - 3500yl-48G-PWR	48 port - POE - Gigabit	J8693A#ABA			
3	2	HP GIGABIT-SX-LC MINI-GBIC	SFP Fiber transeiver	J4858C			
4	1	APC Smart-UPS 1500VA 2u		SUA1500RM2u			
5	1	APC 1u basic rack mount pdu (power distribution strip)		AP9562			
6	2	1 meter long Fiber patch cords	fiber multi-mode	as required			
7	125	10' Network Patch cables	Cat6 patch cables				
Section Total							

Written Amount \$ _____

4.4 WIRELESS ACCESS POINTS

Item	Quantity	Component	Manufacturer	Model number	Unit Cost	Unit Labor	Subtotal
		Wireless networking hardware					
1	1	Cisco 50 port wireless N access point controller	Cisco	AIR-CT5508-50-K9			
2	1	Cisco Gbic for access point controller	Cisco	GLC-T			
3	3	Cisco 3 year Smartnet on 50 AP controller	Cisco	CON-SNT-CT0850			
4	25	Cisco wireless access points	Cisco	AIR-LAP1142N-A-K9			
5	1	Cisco ACS license	Cisco	CSACS-4.2-WIN-K9			
6	1	Wireless AP Survey	A/R				
Section Total							

Written Amount \$ _____

4.5 PERFORMANCE AND PAYMENT BONDS

Item	Quantity	Component	Description	Subtotal
1	1	Performance and Payment bonds	As Required	
Section Total				

Written Amount \$ _____

4.6 LUMP SUM TOTALS

TOTAL
LUMP SUM TOTAL FOR ALL SECTIONS

Written Amount \$ _____

4.7 ADD / DEDUCT PRICING

The Bidding Contractor MUST furnish ADD/DEDUCT Pricing for the following devices indicated below. The Owner reserves the right to add or remove the following quantities from the Base Bid submitted. ADD/DEDUCT Pricing shall include all associated components (hardware and software and licensing), installations and configuration associated with each device:

Item	Quantity	Component	Description	Model number	ADD	DEDUCT
1	1	24 Port POE Gigabit HP Procurve switch - 3500yl-24G-PWR	24 port - POE - Gigabit	J8692A#ABA		
2	1	48 Port POE gigabit HP Procurve switch - 3500yl-48G-PWR	48 port - POE - Gigabit	J8693A#ABA		
3	1	HP GIGABIT-SX-LC MINI-GBIC	SFP Fiber transeiver	J4858C		
4	1	APC Smart-UPS 1500VA 2u		SUA1500RM2u		
5	1	APC 1u basic rack mount pdu (power distribution strip)		AP9562		
6	1	Cisco wireless access point with license		AIR-LAP1142N-A-K9		