



INVITATION FOR BIDS

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HOUSTON COMMUNITY COLLEGE

INVITATION FOR BIDS – SUMMARY

Date: December 18, 2007

Project Title: Network Upgrade Equipment

Project No. 08-12

ISSUED BY:

Houston Community College
Procurement Operations
3100 Main Street (11th Floor)
Houston, Texas 77002
Post Office Box 667517
Houston, Texas 77266-7517

SUBMIT INQUIRIES TO:

Name: Pam Ferreira
Title: Senior Buyer

Telephone: (713) 718-5003
Fax: (713) 718-2113
Email: pam.ferreira@hccs.edu

Project Overview: Houston Community College (“HCC”) is seeking sealed bids from qualified firms to supply, and deliver (F.O.B. Destination), Network Upgrade Equipment, specified in Attachment No. 3 Schedule of Items and Prices

Contract Approval: This procurement is subject to approval by HCC Board of Trustees. Subsequent to Board approval, the only person authorized to commit HCC contractually is the Chancellor or designee.

Pre-Bid Meeting: _____ Mandatory X Not Mandatory
A pre-bid meeting will be held on Monday, January 7, 2008, at 10:00 a.m. (local time), in Conference Room 11A07, 3100 Main Street, 11th Floor, Houston, Texas 77002.

Bid Opening Time/Location: Sealed bids in original form for work/items described herein will be received until 4:00 p.m. (local time) on Monday, January 14, 2008, at the Procurement Operations Department, 3100 Main (11th Floor), Houston, Texas 77002, and at that time publicly opened and read aloud.

Contract Term: The contract term for contract(s) awarded from this solicitation will be one (1) year. Actual delivery of the equipment will be mutually agreed upon by the Contractor and the Vice Chancellor of Information Technology.

Small Business Development Program (SBDP): The small business participation goal for this solicitation is **25%** percent. (See Instructions to Bidders, Paragraph 8).

Obligation: This Invitation for Bids does not obligate HCC to award a contract or pay any costs incurred by the bidder in the preparation and submittal of a bid.

HCC is an equal opportunity/educational institution, which does not discriminate on the basis of race, color, religion, national origin, gender, age or disability.

HCC reserves the right to withdraw this solicitation at any time for any reason; remove any scope component for any reason and to issue such clarifications, modifications and / or amendments as deemed appropriate.

Respondents should exercise particular care in reviewing the requirements set forth in this solicitation.

INSTRUCTIONS TO BIDDERS

1. Review of Bid Documents

A complete set of bid documents shall be used in preparing a bid. Each prospective bidder should carefully review the bid documents and take such steps as may be reasonably necessary to ascertain the resulting contract performance requirements. Failure to do so will not relieve bidders from the responsibility of estimating properly the difficulty/level of effort or cost of successfully performing the resulting contract.

2. Explanation to Bidders

Any explanation desired by a prospective bidder regarding the meaning or interpretation of the bid documents must be requested in writing and with sufficient time allowed (a minimum of seven (7) calendar days before the date set to receive bids) for a response to reach prospective bidders before the submission of their bids. Any HCC response will be in the form of an amendment of the solicitation or an information letter. The response will be made available to all prospective bidders on the HCC website at www.hccs.edu. Receipt of any amendment(s) issued by HCC shall be acknowledged by the bidder with the bid submission.

NOTE: All questions must be sent via e-mail to Pam Ferreira, Senior Buyer at pam.ferreira@hccs.edu, and a response will be provided on or about January 7, 2008.

3. Bidder Eligibility for Contract Award

- a. Each bidder shall complete, and submit with the bid, the applicable forms contained in the solicitation. When a special license or permit is required by Federal, State or Local law or ordinance, the bidder must be properly licensed prior to submitting a bid to HCC and must furnish evidence of such with the bid.
- b. In order for a bidder to be eligible to be awarded a contract, the bid must be responsive to the solicitation and HCC must be able to determine that the bidder is responsible to perform the resulting contract satisfactorily.
- c. Responsive bids are those complying with all material aspects of the solicitation. Bids that do not comply with the terms and conditions of the solicitation will be rejected as non-responsive.
- d. Responsible bidders as a minimum must:
 - Have adequate financial resources or ability to obtain such resources as required during the performance of the contract.
 - Be able to comply with the required delivery or performance schedule, taking into consideration all existing business commitments.
 - Have a satisfactory history of past performance.
 - Have necessary management and technical capability to perform the contract.
 - Provide evidence satisfactory to HCC that the bidder will comply with the Small Business Development Program requirements contained in the solicitation.
 - Certify that the firm is not delinquent in any tax owed the State of Texas under Chapter 171, Tax Code; signing and submitting the bid is so certifying.
 - Be qualified as an established firm regularly engaged in the type of business to provide the items/work required by this solicitation.
 - Be otherwise qualified and eligible to receive an award under applicable laws and regulations.
- e. A bidder may be requested to submit written evidence verifying that he/she meets the minimum criteria necessary to be determined a responsible bidder. Bids deviating or taking exceptions to the solicitation requirements will not be considered.

4. Preparation for Bid

- a. A bid shall be prepared on the forms furnished by HCC; shall be completed in ink, and shall be manually signed by an authorized official of the company. The person signing the bid shall initial any changes or erasures appearing on the bid forms. Bids submitted via e-mail or facsimile (fax) will not be accepted by HCC.
- b. A bid shall be submitted so as to be received no later than the exact date/time and at the place indicated in the solicitation, and shall be enclosed in a sealed envelope clearly identified as a bid with the project title, project number and bid opening date and time. The envelope shall also identify the name and address of the bidder and shall contain the bid security, if required, and other required documents.

5. Opening of Bids

- a. Bids will be publicly opened immediately following the time set for receipt in the solicitation. The bid prices will be read aloud for the information of bidders and others present.
- b. If HCC receives two or more bids from responsible bidders that are identical in nature and amount, the Board of Trustees shall review. The Board of Trustees may reject all bids, in the best interest of HCC.
- c. HCC reserves the right to reject any and all bids, to waive any informalities in bids received, and to reject all non-responsive or conditional bids.

6. Contract Award

Award of a contract, if awarded, will be made to the responsive and responsible bidder offering the lowest bid price for items listed in Attachment No. 3, Schedule of Items and Prices (Appendix A, B, C) and offers the best value to the Houston Community College and whose bid conforms to the solicitation documents.

HCC reserves the right to waive any technicalities or irregularities in the bid documents and consider the bid for award.

7. Taxes

HCC is tax exempt as a governmental subdivision of the State of Texas.

8. Small Business Development Program (SBDP)

- a. HCC has adopted a Small Business Development Program for small businesses attempting to provide goods and/or services as prime contractors or as subcontractors to other prime contractors to HCC. The program is designed to prevent discrimination by ensuring that small, underutilized and disadvantaged businesses are informed and prepared to compete for HCC procurements. HCC will neither discriminate nor select vendors on the basis of race, color, national origin, religion, gender, age or disability in its procurement selection process.
- b. Small businesses whose gross annual income averaged over the past three (3) years does not exceed the Small Business Administration's size standards as specified in 13 CFR Part 121 are eligible to apply for participation in the program.
- c. For this solicitation, HCC has established **25%** percent to the total amount as its goal for Small Business participation.
- d. Good Faith Efforts: HCC will make a good faith effort to utilize small businesses in all contracts. The annual program goals may be met by contracting directly with small businesses or indirectly through subcontracting opportunities. Therefore, any business that contracts with HCC will be required to make a good faith effort to award subcontracts to small businesses.

The subcontracting goal applies to all vendors regardless of their status. By implementing the following procedures, a contractor shall be presumed to have made a good faith effort:

- To the extent consistent with industry practices, divide the contract work into reasonable lots.
- Give notice to SBDP eligible firms of subcontract opportunities or post notices of such opportunities in newspapers and other circulars.
- Document reasons for rejecting a firm that proposes or bids on subcontracting opportunities.

e. Small Business Compliance Review: To ensure compliance with any stated small business participation goal, the selected vendor/contractor will be required to meet with the HCC Buyer and/or other HCC designated representative(s) at the 50% and 75% completion phases/dates of the project, to verify small business participation activity and to ensure compliance with the stated small business goal, if any.

9. **Prime Contractor/Contracts for Services**

If the resulting contract is for services, the prime contractor must perform a minimum of 30% of any contract for services with its labor force and or demonstrate management of the contract for services to the satisfaction of HCC.

10. **Prohibited Communications**

Except as provided in exceptions below, the following communications regarding a particular invitation for bids, requests for proposal, requests for qualifications, or other solicitation are prohibited:

- Between a potential vendor, service provider, bidder, offeror, lobbyist or consultant and any Trustee;
- Between any Trustee and any member of a selection or evaluation committee; and between any Trustee and administrator or employee.

The communications prohibition shall be imposed on the date that responses to the solicitation are due or received, whichever is first.

The communications prohibition shall terminate when:

- The contract is awarded by the Chancellor or designee; or
- The award recommendations are considered by the Board at a duly-noticed public meeting.

In the event the Board refers the recommendation back to staff for reconsideration, the communications prohibition shall be re-imposed.

The communications prohibition shall not apply to the following:

- Duly noted pre-bid or pre-proposal conferences.
- Communications with the HCC General Counsel.
- Emergency contracts.
- Presentations made to the Board during any duly-noticed public meeting.
- Unless otherwise prohibited in the solicitation documents, any written communications between any parties, provided that the originator shall immediately file a copy of any written communication with the Board Services Office. The Board Services Office shall make copies available to any person upon request.
- Nothing contained herein shall prohibit any person or entity from publicly addressing the Board during any duly-noticed public meeting, in accordance with applicable Board policies, regarding action on the contract.

11. **Drug Policy**

HCC is a drug-free workforce and workplace. The manufacture, sale, distribution, dispensation, or use of illegal drugs or alcohol by vendors or contractors while on HCC's premises is strictly prohibited.

12. **Bid Submittals**

Each bidder must complete and return the following documents, if appropriate:

- Bid/Award Form (Attachment No. 1)
- Bid Summary Sheet (Attachment No. 2)
- Schedule of Items and Prices form (Attachment No.3)
- Determination of Good Faith Effort (Attachment No.6)
- Small Business Unavailability Certificate (Attachment No. 7)
- Small Business Development Questionnaire (Attachment 8) ***** Mail separately.**
- Contractor & First Tier Subcontractor/Supplier Participation Form (Attachment No. 9)
- Non-Discrimination Statement (Attachment No. 10)
- Certification & Disclosure Statement (Attachment No. 11)
- Affidavit Form (Attachment No. 12)
- Business Questionnaire (Attachment No. 13)
- Assurance of SBDP Goal (Attachment No. 14)
- Conflict of Interest Questionnaire (Attachment No. 17)

The envelope containing a bid shall be addressed as follows:

- Name, Address and Telephone Number of Bidder;
- Project Description/Title;
- Project Number
- Bid Opening Date/Time.

All bids shall be submitted to:

**Houston Community College
Procurement Operations
3100 Main Street (11th Floor, Room #11A06)
Houston, Texas 77002
Reference: Project No. 08-12
Attn: Pam Ferreira, Senior Buyer**

13. **Appropriated Funds**

The purchase of service or product, which arises from this solicitation, is contingent upon the availability of appropriated funds. HCC shall have the right to cancel the resulting contract at the end of the current fiscal year if funds are not allotted for the next fiscal year to continue this contract. If funds are withdrawn or do not become available, HCC reserves the right to cancel the contract by giving the contractor a thirty (30) day written notice of its intention to cancel without penalty. Upon cancellation of the contract, HCC shall not be responsible for any payment of any service or product received that occurs after the end of the current contract period. HCC's fiscal year begins on September 1 and ends on August 31st.

14. **Texas Public Information Act**

HCC considers all information, documentation and other materials requested to be submitted in response to this solicitation to be of a non-confidential and/or non-proprietary nature, and therefore, shall be subject to public disclosure under the Texas Public Information Act (Texas Government Code, Chapter 552.001, et seq.) after a contract is awarded.

15. **Conflict of Interest**

If a firm responding to this solicitation knows of any material personal interest, direct or indirect, that any member, official or employee of HCC would have in the contract resulting from this solicitation, the firm must disclose this to HCC. Persons submitting a response to this solicitation must comply with all applicable laws, ordinances, and regulations of the State of Texas Government Code. As applicable, the person submitting a response to this solicitation must complete and submit **Attachment No. 17, Conflict of Interest Questionnaire Form.** This completed form must be signed and submitted with the solicitation response.

ATTACHMENT NO. 1
HOUSTON COMMUNITY COLLEGE
INVITATION FOR BIDS
BID/CONTRACT AWARD FORM

PROJECT TITLE: Network Upgrade Equipment
PROJECT NO.: 08-12

Name of Bidder/Contractor: _____

Address: _____

Telephone: _____

Fax: _____

E-mail: _____

Receipt of Bid Amendments Number(s): _____

The undersigned hereby proposes to furnish all labor, materials, supervision and any other services necessary to complete the above referenced project for the bid amount(s) listed on the Schedule of Items and Prices, Attachment No. ____.

The undersigned certifies that the amount(s) contained in Attachment No. 2 have been carefully checked and are submitted as correct and final.

Signed By: _____

Name: _____
(Type or Print)

Title: _____
(Type or Print)

ATTEST: _____
(Secretary, if Bidder is a Corporation)

SEAL:
(If Corporation)

ACCEPTANCE AND CONTRACT AWARD FORM

(This page to be completed by HCC.)

Purchase Order No. _____ (for payment purposes only)

Project No. 08-12 Network Upgrade Equipment

Contractor to perform the work required herein in accordance with Purchase Order(s) issued by HCC and the Terms and Conditions of Purchase posted on the HCC website at www.hccs.edu, incorporated herein by reference, and the prices, scope of services and general terms and conditions attached hereto and made a part hereof.

HOUSTON COMMUNITY COLLEGE

Executed for and on behalf of Houston Community
College pursuant to approval by the Board of Trustees

on _____

Signed By: _____

Name: Michael Kyme
Title: Executive Director, Procurement Operations

ATTACHMENT NO. 2

Bid Summary Sheet

Network Upgrade Equipment Project # 08-12

(Refer to Attachment No. 3, Schedule of Items and Prices)

A. <u>Network Upgrade Equipment</u>	Lump Sum Bid Price
• Bid Price for Data Network Equipment (Appendix A)	\$ _____
• Bid Price for Wireless Equipment (Appendix B)	\$ _____
• Bid Price for Security & Network Management (Appendix C)	\$ _____
Grand Total Price for Equipment Items: (Total bid prices for items listed in the Schedule of Items and Prices, Appendix A, B, and C)	\$ _____
B. <u>Maintenance and Support</u>	
• Bid Price for 1 st Year Maintenance and Support (To include 8-5/5 Next Business Day)	\$ _____
Grand Total Bid Price (Items A and B Above)	\$ _____

ATTACHMENT NO. 3

SCHEDULE OF ITEMS AND PRICES For Network Upgrade Equipment Project # 08-12

The Bidder/Contractor shall furnish all resources and services necessary and required to supply, and deliver (F.O.B. Destination) Network Upgrade Equipment listed herein, in accordance with the specifications and the general terms and conditions of the proposed contract for the bid price(s) listed below. **All equipment shall be new.**

APPENDIX A – DATA NETWORK EQUIPMENT

CENTRAL LEARNING HUB				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
Theater 1				
WS-C3750G-48PS-E	Catalyst 3750 48 10/100/1000T PoE + 4 SFP Enhanced Image	1		
CAB-STACK-50CM	Cisco StackWise 50CM Stacking Cable	1		
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	1		
CAB-16AWG-AC	AC Power cord, 16AWG	1		
CON-SNT-3750GPE	SMARTNET 8X5XNBD Cat 3750 48 10/100/1000T PoE + 4 SF	1		
Heinen Theater				
WS-C3750G-48PS-E	Catalyst 3750 48 10/100/1000T PoE + 4 SFP Enhanced Image	1		
CAB-STACK-50CM	Cisco StackWise 50CM Stacking Cable	1		
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	1		
CAB-16AWG-AC	AC Power cord, 16AWG	1		
CON-SNT-3750GPE	SMARTNET 8X5XNBD Cat 3750 48 10/100/1000T PoE + 4 SF	1		
San Jac Tech				
WS-C3750G-48PS-E	Catalyst 3750 48 10/100/1000T PoE + 4 SFP Enhanced Image	1		
CAB-STACK-50CM	Cisco StackWise 50CM Stacking Cable	1		
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	1		
CAB-16AWG-AC	AC Power cord, 16AWG	1		
CON-SNT-3750GPE	SMARTNET 8X5XNBD Cat 3750 48 10/100/1000T PoE + 4 SF	1		
MDF				
WS-C6509-E	Catalyst 6500 Enhanced 9-slot chassis,15RU,no PS,no Fan Tray	1		
S733ISK9-12218SXF	Cisco CAT6000-SUP720 IOS IP SERVICES SSH	1		
WS-SUP720-3B	Catalyst 6500 / Cisco 7600 Supervisor 720 Fabric MSFC3 PFC3B	1		
CF-ADAPTER-SP	SP adapter for SUP720 and SUP720-10G	1		
MEM-C6K-CPTFL256M	Cat6500 Sup720/Sup32 Compact Flash Mem 256MB	1		
WS-X6748-SFP	Catalyst 6500 48-port GigE Mod: fabric-enabled (Req. SFPs)	1		
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	20		
GLC-SX-MM	GE SFP, LC connector SX transceiver	9		
WS-X6748-GE-TX	Cat6500 48-port 10/100/1000 GE Mod: fabric enabled, RJ-45	1		
WS-C6509-E-FAN	Catalyst 6509-E Chassis Fan Tray	1		
WS-CAC-3000W	Catalyst 6500 3000W AC power supply	2		
CAB-AC-C6K-TWLK	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	2		
MEM-C6K-CPTFL512M	Catalyst 6500 Sup720/Sup32 Compact Flash Mem 512MB	1		
BF-S720-64MB-RP	Bootflash for SUP720-64MB-RP	1		
MEM-S2-512MB	Catalyst 6500 512MB DRAM on the Supervisor (SUP2 or SUP720)	1		
MEM-MSFC2-512MB	Catalyst 6500 512MB DRAM on the MSFC2 or SUP720 MSFC3	1		

CENTRAL LEARNING HUB				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
MEM-XCEF720-256M	Catalyst 6500 256MB DDR, xCEF720 (67xx interface, DFC3A)	1		
WS-F6700-CFC	Catalyst 6500 Central Fwd Card for WS-X67xx modules	1		
MEM-XCEF720-256M	Catalyst 6500 256MB DDR, xCEF720 (67xx interface, DFC3A)	1		
WS-F6700-CFC	Catalyst 6500 Central Fwd Card for WS-X67xx modules	1		
CON-SNT-WS-C6509	8x5xNBD Service,Catalyst 6509	1		
IDF 107				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	5		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Service for Catalyst 4506R Series Modular Switch	1		
IDF 207				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 307-1				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	4		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF 307-2				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 407-1				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		

CENTRAL LEARNING HUB				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	4		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF 407-2				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	5		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		

NORTHLINE				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
MDF				
WS-C3750G-24TS-E	Catalyst 3750 24 10/100/1000 + 4 SFP Enhcd Multilayer;1.5RU	1		
CAB-STACK-50CM	Cisco StackWise 50CM Stacking Cable	1		
CAB-AC	Power Cord,110V	1		
GLC-SX-MM	GE SFP, LC connector SX transceiver	12		
CON-SNT-3750G24T	SMARTNET 8X5XNBD Cat 3750 24 Enhanced Multilayer	1		
IDF 142				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4248-RJ45V	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	5		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF 116				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 242				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4248-RJ45V	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	2		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF 216				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4248-RJ45V	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	5		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-OSP-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		

NORTHLINE				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4248-RJ45V	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	4		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF 316	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
WS-C4510R	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
CAB-AC-2800W-TWLK	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
WS-X4516-10GE	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
S4KL3EK9-12225EWA	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
WS-X4548-GB-RJ45V	GE SFP, LC connector SX transceiver	1		
GLC-SX-MM	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
CON-SNT-WS-C4510				
IDF 442	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
WS-C4506	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
CAB-AC-2800W-TWLK	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
WS-X4516-10GE	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
S4KL3EK9-12225EWA	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	5		
WS-X4248-RJ45V	GE SFP, LC connector SX transceiver	1		
GLC-SX-MM	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
CON-OSP-WS-C4506				
IDF 416				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		

NORTHEAST LEARNING HUB				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
MDF 224-1				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
WS-X4506-GB-T	6-port GE/SFP line card	1		
GLC-SX-MM	GE SFP, LC connector SX transceiver	8		
GLC-LH-SM	GE SFP, LC connector LX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
MDF 224-2				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
WS-X4506-GB-T	6-port GE/SFP line card	1		
GLC-SX-MM	GE SFP, LC connector SX transceiver	8		
GLC-LH-SM	GE SFP, LC connector LX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 316				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	8		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		

NORTHEAST SCIENCE & TECHNOLOGY BUILDING				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
MDF 101				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 202				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 302				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		

STAFFORD LEARNING HUB				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
IDF 101a				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 144				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 119				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	2		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF 201a				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	5		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF 216				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		

STAFFORD LEARNING HUB				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
IDF 301a				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	8		
GLC-SX-MM	GE SFP, LC connector SX transceiver	1		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
MDF 316				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
WS-X4506-GB-T	6-port GE/SFP line card	1		
GLC-LH-SM	GE SFP, LC connector LX transceiver	4		
GLC-SX-MM	GE SFP, LC connector SX transceiver	6		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		

WEST LOOP CAMPUS RENOVATION				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
IDF A128-1				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHANCED L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
GLC-LH-SM	GE SFP, LC connector LX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF A128-2				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHANCED L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
GLC-LH-SM	GE SFP, LC connector LX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF A204				
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHANCED L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	5		
GLC-LH-SM	GE SFP, LC connector LX transceiver	2		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		
IDF A209				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHANCED L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	8		
GLC-LH-SM	GE SFP, LC connector LX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		

MISSOURI CITY – SOUTHWEST COLLEGE				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
MDF 116				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHANCED L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
GLC-LH-SM	GE SFP, LC connector LX transceiver	4		
GLC-SX-MM	GE SFP, LC connector SX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 135-1				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHANCED L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	6		
GLC-SX-MM	GE SFP, LC connector SX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
IDF 135-2				
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHANCED L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
GLC-SX-MM	GE SFP, LC connector SX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		

SPARES				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
WS-C4510R	Catalyst 4500 Chassis (10-Slot),fan, no p/s,Red Sup Capable	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4548-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000, 48-Ports (RJ45)	7		
WS-X4506-GB-T	6-port GE/SFP line card	1		
GLC-SX-MM	GE SFP, LC connector SX transceiver	8		
GLC-LH-SM	GE SFP, LC connector LX transceiver	2		
CON-SNT-WS-C4510	8x5xNBD Svc, Catalyst 4500 Chassis (10-Slot),fan, no	1		
WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	1		
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1		
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	2		
WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) or 4x1GE (SFP)	1		
S4KL3EK9-12225EWA	Cisco IOS ENHNCD L3 C4500 SUP4/5,3DES(OSPF,EIGRP,IS-IS)	1		
WS-X4248-RJ45V	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	5		
GLC-SX-MM	GE SFP, LC connector SX transceiver	4		
CON-SNT-WS-C4506	8x5xNBD Svc^ for Catalyst 4506R Series Modular Switch	1		

TOTAL BID PRICE FOR APPENDIX A – DATA NETWORK EQUIPMENT

\$_____

APPENDIX B – WIRELESS EQUIPMENT

WIRELESS MANAGEMENT MODULES				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
WS-SVC-WISM-1-K9=	Wireless Service Module (WISM) for up to 300 Lightweight APs	2		
SWISMK9-40	Cisco Unified WLAN Controller SW Release 4.0	2		
CON-OS-WSSVCW1K	ONSITE 8X5XNBD CISCO wireless svc module	2		
CENTRAL LEARNING HUB - WIRELESS				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
AIR-LAP1232AG-A-K9	802.11ag Modular LWAPP AP Dual 2.4, 5GHz RP-TNC FCC Cnfg	26		
AIR-PWR-CORD-NA	AIR Line Cord North America	26		
S12RK9W-12311JX	Cisco 1200 Series IOS WIRELESS LAN LWAPP RECOVERY	26		
AIR-PWR-A	Pwr Sply In:100-240VAC Out:48VDC 380mA - 1100,1130AG,1200,521	26		
CON-SNT-LAP1232A	SMARTNET 8X5XNBD 802.11ag Mod LWAPP AP Dual 2.4 5Ghz	26		
AIR-ANT5135D-R	5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	52		
AIR-ANT4941	2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect. Qty. 1	52		
NORTHLINE - WIRELESS				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
AIR-LAP1232AG-A-K9	802.11ag Modular LWAPP AP Dual 2.4, 5GHz RP-TNC FCC Cnfg	16		
AIR-PWR-CORD-NA	AIR Line Cord North America	16		
S12RK9W-12311JX	Cisco 1200 Series IOS WIRELESS LAN LWAPP RECOVERY	16		
AIR-PWR-A	Pwr Sply In:100-240VAC Out:48VDC 380mA - 1100,1130AG,1200,521	16		
CON-SNT-LAP1232A	SMARTNET 8X5XNBD 802.11ag Mod LWAPP AP Dual 2.4 5Ghz	16		
AIR-ANT5135D-R	5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	32		
AIR-ANT4941	2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect. Qty. 1	32		
NORTHEAST LEARNING HUB - WIRELESS				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
AIR-LAP1232AG-A-K9	802.11ag Modular LWAPP AP Dual 2.4, 5GHz RP-TNC FCC Cnfg	19		
AIR-PWR-CORD-NA	AIR Line Cord North America	19		
S12RK9W-12311JX	Cisco 1200 Series IOS WIRELESS LAN LWAPP RECOVERY	19		
AIR-PWR-A	Pwr Sply In:100-240VAC Out:48VDC 380mA - 1100,1130AG,1200,521	19		
CON-SNT-LAP1232A	SMARTNET 8X5XNBD 802.11ag Mod LWAPP AP Dual 2.4 5Ghz	19		
AIR-ANT5135D-R	5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	38		
AIR-ANT4941	2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect. Qty. 1	38		
NORTHEAST SCIENCE & TECHNOLOGY BUILDING - WIRELESS				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
AIR-LAP1232AG-A-K9	802.11ag Modular LWAPP AP Dual 2.4, 5GHz RP-TNC FCC Cnfg	12		
AIR-PWR-CORD-NA	AIR Line Cord North America	12		
S12RK9W-12311JX	Cisco 1200 Series IOS WIRELESS LAN LWAPP RECOVERY	12		
AIR-PWR-A	Pwr Sply In:100-240VAC Out:48VDC 380mA - 1100,1130AG,1200,521	12		
CON-SNT-LAP1232A	SMARTNET 8X5XNBD 802.11ag Mod LWAPP AP Dual 2.4 5Ghz	12		
AIR-ANT5135D-R	5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	24		
AIR-ANT4941	2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect. Qty. 1	24		

STAFFORD LEARNING HUB - WIRELESS				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
AIR-LAP1232AG-A-K9	802.11ag Modular LWAPP AP Dual 2.4, 5GHz RP-TNC FCC Cnfg	13		
AIR-PWR-CORD-NA	AIR Line Cord North America	13		
S12RK9W-12311JX	Cisco 1200 Series IOS WIRELESS LAN LWAPP RECOVERY	13		
AIR-PWR-A	Pwr Sply In:100-240VAC Out:48VDC 380mA - 1100,1130AG,1200,521	13		
CON-SNT-LAP1232A	SMARTNET 8X5XNBD 802.11ag Mod LWAPP AP Dual 2.4 5Ghz	13		
AIR-ANT5135D-R	5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	26		
AIR-ANT4941	2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect. Qty. 1	26		

WEST LOOP CAMPUS – WIRELESS				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
AIR-LAP1232AG-A-K9	802.11ag Modular LWAPP AP Dual 2.4, 5GHz RP-TNC FCC Cnfg	23		
AIR-PWR-CORD-NA	AIR Line Cord North America	23		
S12RK9W-12311JX	Cisco 1200 Series IOS WIRELESS LAN LWAPP RECOVERY	23		
AIR-PWR-A	Pwr Sply In:100-240VAC Out:48VDC 380mA - 1100,1130AG,1200,521	23		
CON-SNT-LAP1232A	SMARTNET 8X5XNBD 802.11ag Mod LWAPP AP Dual 2.4 5Ghz	23		
AIR-ANT5135D-R	5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	46		
AIR-ANT4941	2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect. Qty. 1	46		

MISSOURI CITY – SOUTHWEST COLLEGE - WIRELESS				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
AIR-LAP1232AG-A-K9	802.11ag Modular LWAPP AP Dual 2.4, 5GHz RP-TNC FCC Cnfg	10		
AIR-PWR-CORD-NA	AIR Line Cord North America	10		
S12RK9W-12311JX	Cisco 1200 Series IOS WIRELESS LAN LWAPP RECOVERY	10		
AIR-PWR-A	Pwr Sply In:100-240VAC Out:48VDC 380mA - 1100,1130AG,1200,521	10		
CON-SNT-LAP1232A	SMARTNET 8X5XNBD 802.11ag Mod LWAPP AP Dual 2.4 5Ghz	10		
AIR-ANT5135D-R	5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	20		
AIR-ANT4941	2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect. Qty. 1	20		

TOTAL BID PRICE FOR APPENDIX B – WIRELESS EQUIPMENT

\$ _____

APPENDIX C – SECURITY & NETWORK MANAGEMENT

WIRELESS MANAGEMENT MODULES				
Product	Description	Quantity	Unit Bid Price	Extended Bid Amount
Servers				
NAC3350-3500FB-K9	NAC Appliance 3350 Server Failover Bundle -max 3500 users	6		
CAB-AC	Power Cord,110V	24		
NAC3350-SVR	NAC Appliance 3350 Server Hardware	12		
NAC-SVR-41-K9	NAC Appliance Server Release 4.1	12		
CON-SNT-NAC3500F	SMARTNET 8X5XNBD NAC Appliance 3350 Server Failover Bndl	6		
Manager				
NACMGR-20FB-K9	NAC Appliance 3350 Manager Failover Bundle -max 20 Servers	1		
CAB-AC	Power Cord,110V	4		
NAC3350	NAC Appliance 3350 Manager Hardware	2		
NAC-MGR-41-K9	NAC Appliance Manager Release 4.1	2		
CON-SNT-NACM20F	SMARTNET 8X5XNBD NAC Appliance 3350 M	1		
MARS				
CS-MARS-210-K9	CSMARS 210 2RU Appliance;15000EPS;2000GB,RAID10,Redundant	1		
CAB-AC	Power Cord,110V	2		
SF-CS-MARS-5.2-K9	^SF-CS-MARS-5.2-K9	1		
CSMARS-210-LIC-K9	CS-MARS 210 base license	1		
CON-SNT-MARS210	SMARTNET 8X5XNBD CSMARS 210 2RU Appliance;15000EPS	1		
NAM				
WS-SVC-NAM-2=	Catalyst 6500 Network Analysis Module	2		
SC-SVC-NAM-3.6	Cisco Catalyst 6500 Series NAM Software 3.6	2		
CON-SNT-WSSVNAM2	SMARTNET 8X5XNBD Catalyst 6500 Network	2		

TOTAL BID PRICE FOR APPENDIX C – SECURITY & NETWORK MANAGEMENT

\$ _____

ATTACHMENT NO. 4
SPECIFICATIONS
FOR
NETWORK UPGRADE EQUIPMENT
PROJECT # 08-12

1.0 Executive Summary

Houston Community College is constructing several new buildings at campuses across Houston, deploying a data, voice and video communications cabling system and rebuilding the enterprise network infrastructure. These buildings will start to come on line during the next twelve months and are designed to provide redundant, reliable, and resilient services to the Students, faculty and community.

2.0 Purpose

The purpose of the HCC Network Upgrade for Capital Improvement Program is to extend the infrastructure foundation and to position the institution to accomplish these important objectives:

- ▶ Support instructional technologies such as video streaming on a large scale, virtual classrooms, eLearning, improved Distance Education, IP video and voice conferencing, and Voice over IP
- ▶ Better meet the needs of its students and faculty
- ▶ Become more competitive in the education marketplace
- ▶ Support the projected growth in HCC student enrollment
- ▶ Support HCC's Vision of being the most **relevant** institution in country, the **opportunity** institution for every student we serve and **essential** to our community's success.

3.0 Network Equipment

The requirements at each site are different depending on the size of the campus and the student population. HCC has developed the parts list for each of the new buildings based on the number of connections required for optimal use. The list includes requirements for both wired and wireless network.

Sites where equipment will be installed are as follows:

LOCATION

ADDRESS

Central College Learning Hub	1300 Holman
Northeast College/Northline Campus	4400 North Freeway
Northeast College Learning Hub	555 Community College Drive
Northeast College Sciences & Technology Building	555 Community College Drive
Southwest College/Stafford Learning Hub	10141 Cash Road
Southwest College/West Loop Campus	5601 West Loop South
Southwest College/Missouri City Academic Center	8415-1/2 Sienna Springs Blvd.

4.0 Security and Management

HCC asks vendors to provide pricing for the network management products listed in Appendix C, to include:

- **MARS** -- [The Cisco Security Monitoring, Analysis and Response System](#) recognizes and correlates real network attacks and then defines how to stop them. It frees more network resources by reducing false positives and simplifying audit compliance
- **Cisco Network Analysis Module (NAM)** integrated traffic monitoring solutions for Cisco Catalyst 6500 Series switch. NAM combines embedded data collection and analysis capabilities with a remotely accessible, Web-based management console on a single blade. The embedded Web-based Traffic Analyzer console offers quick access to configuration menus and presents easy-to-read performance reports on data, voice, and video traffic.
- **Cisco NAC Appliance** uses the network infrastructure to enforce security policy compliance on all devices seeking to access network computing resources. With NAC Appliance, network administrators can authenticate, authorize, evaluate, and remediate wired, wireless, and remote users and their machines prior to network access. The appliance also identifies whether networked devices such as laptops, IP phones are compliant with HCC network's security policies and repairs any vulnerabilities before permitting access to the network.

5.0 Maintenance and Support

For maintenance and support, HCC requires that the vendor(s) provide pricing for 1st year maintenance and support to include 8-5/5/next business day (NBD) for all equipment.

ATTACHMENT NO. 5

GENERAL TERMS AND CONDITIONS

1. **Contract Award**
A response to the solicitation is an offer to contract with Houston Community College ("HCC") based on the terms and conditions contained therein. Bids do not become contracts until they are accepted by HCC through issuance of written purchase orders or other duly executed documents.
2. **Contract Term**
The Contract performance period will be one (1) year. Actual delivery of the equipment will be mutually agreed upon by the Contractor and the Vice Chancellor of Information Technology, unless otherwise extended or terminated by Houston Community College in accordance with the terms and conditions of this Contract. All contract renewals or extension may be subject to approval by the Board of Trustees.
3. **Interpretation, Jurisdiction and Venue**
The Contract shall be construed and interpreted solely in accordance with the laws of the State of Texas. Venue of any suit, right or cause of action arising under or in connection with the contract shall be exclusively in Harris County, Texas.
4. **Compliance with Laws**
The Contractor shall give all notices and comply with all Federal, State of Texas and local laws. Upon request, the Contractor shall furnish to HCC certificates of compliance with all such laws.
5. **Taxes**
HCC is tax exempt as a governmental subdivision of the State of Texas under Section 501C (3) of the Internal Revenue Code. Limited Sales Tax Number: 1-74-1709152-1.
6. **Termination for Convenience**
HCC may, at its option and discretion, terminate or reduce the statement of work or other requirements of the contract at any time, without any default on the part of the contractor, by giving thirty (30) calendar days written notice thereof to the Contractor.
7. **Termination for Default**
HCC may terminate the contract immediately for default, by giving written notice thereof to the Contractor, if the Contractor neglects to execute the work properly; performs in an unsatisfactory manner or fails to perform any provisions of the contract. In the event of termination for default, HCC shall have against the Contractor, all remedies provided by law and equity.
8. **Ethics Conduct**
Any direct or indirect actions taken to unduly influence competitive purposes, to circumvent equal consideration for competitive bidders, or to disregard ethical and legal trade practices will disqualify vendors and contractors from current and future consideration for participation in HCC orders and contracts.

9. **Small Business Development Program (SBDP)**

The Contractor hereby agrees to attain small business participation in the amount of 25% of the total contract amount. The Contractor agrees to enter into agreements for the Work identified in Attachment No. 9, entitled Contractor and First Tier Subcontractor/Supplier Participation. The subcontracting goal applies to all vendors regardless of their status. The Contractor's failure to comply with the aforementioned small business participation provisions may result in:

- Withholding of payment until such compliance is achieved or a waiver of the provisions is provided by HCC.
- Revocation of any benefits and incentives provided under the program or suspension or termination of the contract in whole or in part.

10. **Small Business Compliance**

The Contractor shall meet with the HCC Buyer and the HCC Small Business Representative at the 50% and 75% completion phases/dates of the contract, to verify small business participation activity and to ensure compliance with the small business goal stated in the contract, if any.

11. **Prime Contractor/Contract for Services**

If this contract is for services, the Contractor shall perform a minimum of 30% of the work with its labor force or demonstrate management of the work to the satisfaction of HCC.

12. **Changes**

HCC shall have the right, at any time, to make changes within the scope of the contract. If such change causes a material increase in the contractor's cost and/or the time for performance, the Contractor shall so notify HCC in writing within ten (10) calendar days from the date of the contractor's receipt of the notice of change, and an equitable adjustment in the price and/or the time of performance shall be mutually agreed upon between the parties. No such change shall be effective in the absence of express written direction of HCC.

13. **Insurance Requirements**

The Contractor agrees to comply with the insurance requirements contained herein, if any.

14. **Indemnification**

The Contractor shall hold HCC, its agents, employees, trustees and other officers harmless from any claim or liability asserted against it by reason of the negligence of the Contractor, its agents, servants and employees in the performance of the Contract.

15. **Independent Contractor**

It is agreed and understood that the Contractor shall be deemed to be an independent contractor in all its operations and activities hereunder; that the employees furnished by the Contractor to perform the services required by the contract shall be deemed to be Contractor's employees or independent subcontractors; that the Contractor's employees shall be paid by the Contractor; and the Contractor and its employees shall be responsible for all obligations and reports covering social security, unemployment insurance, income tax, and other reports and deductions required by State and Federal law.

16. **Assignment**
The Contractor may not assign or transfer any of its rights, duties or obligations under this Agreement, in whole or in part, without the prior written consent of HCC. This Contract shall inure to the benefit of, and be binding upon, the parties hereto and their respective successors and permitted assigns.

17. **Notices**
All notices hereunder by either party to the other shall be in writing, delivered personally, by certified or registered mail, return receipt requested, or by overnight courier, and shall be deemed to have been duly given when delivered personally or when deposited in the United States mail, postage prepaid addressed as follows:

Houston Community College

Procurement Operations
3100 Main Street
Houston, Texas 77002
Attn: Michael Kyme,
Executive Director, Procurement Operations

Contractor

Attn: _____

18. **Invoicing and Payment**
The Contractor shall submit an original invoice to the address shown below for the goods or services which have been inspected and accepted by HCC:

Houston Community College
Accounts Payable
P.O. Box 667460
Houston, Texas 77266-7460

Reference: Project No. 08-12 and the applicable purchase order number.

Generally, payment will be made within thirty (30) calendar days after receipt of a properly prepared invoice or acceptance of the goods or services, whichever is later. Payment shall be considered made when HCC deposits the Contractor's payment in the mail or the date on which an electronic transfer of funds occurs.

19. **Appropriated Funds**
The purchase of any service or product under this contract beyond the initial contract period is contingent upon the availability of appropriated funds. HCC shall have the right to cancel this contract at the end of the current fiscal year if funds are not allotted for the next fiscal year to continue this contract. If funds are withdrawn or do not become available, HCC reserves the right to cancel this contract by giving the Contractor a thirty (30) day written notice of cancellation without penalty. Upon cancellation of this contract, HCC shall not be responsible for any payment of any service or product received that occurs after the end of the current contract period.

20. **Entire Agreement**
This Contract and its accompanying exhibits contain the entire understanding of the parties regarding the services or materials provided and supersede all prior agreements, oral or written, and all other communications between the parties relating to the subject matter. This Contract shall not be amended or modified, except by mutual written agreement between the parties hereto.

ATTACHMENT NO. 6

PROJECT NO. 08-12

HOUSTON COMMUNITY COLLEGE

DETERMINATION OF GOOD FAITH EFFORT

Bidder _____

Address _____

Phone _____

Fax Number _____

In making a determination that a good faith effort has been made, HCC requires the Bidder to complete this form and submit supporting documentation explaining in what ways the Bidder has made a good faith effort to attain the goal. The Bidder will respond by answering "yes" or "no" to the following and provide supporting documentation.

- _____ (1) Whether the Bidder provided written notices and/or advertising to at least five (5) certified small businesses or advertised in general circulation, trade association and/or small businesses focus media concerning subcontracting opportunities.
- _____ (2) Whether the Bidder divided the work into the reasonable portions in accordance with standard industry practices.
- _____ (3) Whether the Bidder documented reasons for rejection or met with the rejected small business to discuss the rejection.
- _____ (4) Whether the Bidder negotiated in good faith with small businesses, not rejecting qualified subcontractors who were also the lowest responsive bidder.

NOTE: If the Bidder is unable to meet the solicitation goal or if any of the above items (1-4) are answered "no", the Bidder must submit a letter of justification.

Signature of Bidder

Title

Date

**ATTACHMENT NO. 7
SMALL BUSINESS UNAVAILABILITY CERTIFICATE**

I, _____, _____, of
 (Name) (Title)

_____, certify that on the date(s) shown, the small businesses listed herein were
 (Name of bidder's company) contacted to solicit Bids for Materials or Services to be used on Project #08-12

DATE CONTACTED	SMALL BUSINESS Name	TELEPHONE NO.	CONTACT PERSON	MATERIALS OR SERVICES	RESULTS
1.					
2.					
3.					
4.					
5.					
6.					

To the best of my knowledge and belief, said small business was unavailable for this solicitation, unable to prepare a bid or prepared a bid that was rejected for the reason(s) stated in the RESULTS column above.

The above statement is a true and accurate account of why I am unable to commit to awarding subcontract(s) or supply order(s) to the small business listed above.

NOTE: This form to be submitted with all Bidder documents for Waiver of small business participation. (See Instructions to Bidders)

Signature: _____

ATTACHMENT NO. 8 SMALL BUSINESS DEVELOPMENT QUESTIONNAIRE

Note: Vendors are to complete this form along with a **copy** of the Contractor and First Tier Subcontractor/Supplier Participation Form and return it in a separate envelope to:

**Houston Community College
Procurement Operations/Small Business Representative
Post Office Box 667517
Houston, Texas 77266-7517
Ref: HCC Project No. 08-12**

FIRM NAME: _____

FIRM ADDRESS: _____

TELEPHONE: _____

FAX NUMBER: _____

EMAIL ADDRESS: _____

CONTACT PERSON'S NAME AND PHONE NO. _____

SIGNATURE OF FIRM'S AUTHORIZED OFFICIAL: _____

NAME AND TITLE (Type or Print): _____

COMPANY MAJORITY OWNERSHIP (Check one in each column)

<u>ETHNICITY</u>	<u>GENDER</u>	<u>LOCATION</u>
____ African American (AA)	____ Male	____ Houston (H)
____ Asian Pacific American (APA)	____ Female	____ Texas (T)
____ Caucasian (C)		____ Out of State (O)
____ Hispanic American (HA)		Specify State _____
____ Native American (NA)		____ Public Owned (PO)
____ Other (O) Specify _____		

BUSINESS CLASSIFICATION

- | | |
|---|--|
| ____ DBE Disadvantaged Business Enterprise | ____ SB Small Business |
| ____ WBE Women Owned Business Enterprise | ____ MBE Minority Business Enterprise |
| ____ HUB Historically Underutilized Business | ____ Other: _____ |

Please provide information regarding certifying agency (if any)

Name of Agency	Certificate Number	Expiration Date
_____	_____	_____
_____	_____	_____
_____	_____	_____

ATTACHMENT NO. 10

NON-DISCRIMINATION STATEMENT

The undersigned certifies that he/she will not discriminate against any employee or applicant for employment or in the selection of subcontractors because of race, color, age, religion, gender, national origin or disability. The undersigned shall also take action to ensure that applicants are employed, and treated during employment, without regard to their race, color, religion, gender, age, national origin or disability. Such action shall include, but shall not be limited to, the following: employment, upgrading or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other compensation and selection for training, including apprenticeship.

Name/Title: _____
(Type or Print)

Signature: _____ Date: _____

Company Name: _____
(Type or Print)

Address: _____

Telephone Number: _____

ATTACHMENT NO. 11

CERTIFICATION AND DISCLOSURE STATEMENT

A person or business entity entering into a contract with HCC is required by Texas Law to disclose, in advance of the contract award, if the person or an owner or operator of the business entity has been convicted of a felony. The disclosure should include a general description of the conduct resulting in the conviction of a felony as provided in section 44.034 of the Texas Education Code. The requested information is being collected in accordance with applicable law. This requirement does not apply to a publicly held corporation.

If an individual:
Have you been convicted of a felony? YES or NO

If a business entity: YES or NO

Has any owner of your business entity been convicted of a felony? _____

Has any operator of your business entity been convicted of a felony? _____

If you answered yes to any of the above questions, please provide a general description of the conduct resulting in the conviction of the felony, including the Case Number, the applicable dates, the State and County where the conviction occurred, and the sentence.

I attest that I have answered the questions truthfully and to the best of my knowledge.

By: _____ Date: _____

Name: _____

Title: _____

Business Entity: _____

Signature of Firm's Authorized Official: _____

State of Texas

Sworn to and subscribed before me at _____

Texas, this the _____ day of _____, 200█

Notary Public for the State of: _____

ATTACHMENT NO. 12

AFFIDAVIT FORM

This company, contractor, or subcontractor agrees to refrain from discrimination in terms and conditions of employment on the basis of race, color, religion, sex, physical handicap, or national origin, and agrees to take affirmative action as required by Federal Statutes and Rules and Regulations issued pursuant thereto in order to maintain and ensure nondiscriminatory employment practices.

Signed: _____

Name of Company: _____

Address of Company: _____

State of Texas

Sworn to and subscribed before me at _____, _____,
(City) (State)

this the _____ day of _____, 200█.

Notary Public for the State of: _____

ATTACHMENT NO. 13
BUSINESS QUESTIONNAIRE

FIRM NAME: _____

FIRM ADDRESS: _____

TELEPHONE: _____

FAX NUMBER: _____

EMAIL ADDRESS: _____

CONTACT PERSON'S NAME AND PHONE NO. (Type or Print):

SIGNATURE OF FIRM'S AUTHORIZED OFFICIAL: _____

NAME AND TITLE (Type or Print): _____

Do you or any officer, partner, owner, sales representative and/or spouse work for Houston Community College? _____ Yes _____ No

If yes, please specify: _____

State in which your home office / headquarters is located? _____

If headquarters is located out of state, does that state have preferential treatment on Bids?

_____ If yes, list percentage. _____%

Name of Financial Institution _____ Contact Person _____
Title _____

Please indicate how you became aware of this procurement? Source: _____

Example: Newspapers (Chronicle, El Dia, Voice of Asia, African American News, etc.) Houston Minority Business Council, HCC Website, Chamber of Commerce, etc.)

ATTACHMENT NO. 14

ASSURANCE OF SBDP GOAL

The undersigned certifies that he/she has read, understands and agrees to be bound by the small business provisions set forth in this Solicitation. The undersigned further certifies that he/she is legally authorized to make the statements and representations in the Solicitation and that said statements and representations are true and accurate to the best of his/her knowledge. The undersigned will enter into formal agreement(s) for work identified on the **CONTRACTOR AND FIRST TIER SUBCONTRACTOR PARTICIPATION** form conditioned upon execution of a contract with HCC. The undersigned agrees to attain the small business utilization percentages of the total offer amount as set forth below:

Small Business Participation Goal = **25%**

The undersigned certifies that the firm shown below has not discriminated against any small business or other potential subcontractor because of race, color, religion, gender, age, veteran's status, disability or national origin, but has provided full and equal opportunity to all potential subcontractors irrespective of race, color, religion, gender, age, disability, national origin or veteran status.

The undersigned understands that if any of the statements and representations are made knowing them to be false or there is a failure to implement any of the stated commitments set forth herein without prior approval of HCC's Chancellor or the duly authorized representative, the Bidder may be subject to the loss of the contract or the termination thereof resulting from this bid and could be ineligible for future HCC contract awards.

Signature _____

Title _____ Date of Signing _____

Firm Name _____

Address _____

Telephone Number _____

ATTACHMENT NO. 15

VENDOR APPLICATION INSTRUCTIONS

The Houston Community College Procurement Operations department has developed an online vendor application. This is designed to allow firms or individuals that are interested in doing business with HCC to register online and become part of our vendor database. Once registered, you will receive a password and personal login information that will allow you to modify your vendor information anytime a change occurs with your company. You will have the flexibility to add or delete commodity lines, update phone numbers and contact information, etc. This database will allow HCC to notify, via email, all companies that match the desired commodity criteria for procurement opportunities within Houston Community College. What a great way to never miss out on an HCC bid or proposal opportunity again.

Please take a moment to go to the Houston Community College Procurement Operations department website and register as a vendor. The website address to access the vendor registration form is http://hccs.aecglobal.com/Supplier_Registration_Form.asp

Once you have completed your application, please print out a copy of the completed application and submit it with your completed bid package. If you do not have internet access you are welcome to use a computer at any HCC library to access the website and register.

ATTACHMENT NO. 16
INSURANCE REQUIREMENTS
HOUSTON COMMUNITY COLLEGE

The insurance coverage and limits listed below are the minimum requirements that the Contractor are required to carry during performance of the contract for Upgrade of Wide Area Network Equipment, Project No. 08-02.

1. Commercial General Liability for Bodily Injury / Property Damage Limits:

Occurrence / Personal Injury / Advertising / Products / Completed Operations	\$1,000,000 CSL
Annual Aggregate	\$2,000,000 CSL
Products Aggregate	\$2,000,000 CSL
Fire, Lightning or Explosion	\$1,000,000 CSL
Medical Expense	\$5,000 Per Person

2. Automobile Liability:

Bodily Injury / Property Damage	\$1,000,000
---------------------------------	-------------

3. Workers Compensation:

Part A - Statutory	
Part B - \$1,000,000 Each Accident	
\$1,000,000 Policy Limits	
\$1,000,000 Each Employee	

The following endorsements and other stated information are required on the Certificate of Insurance:

- 90 Day Notice of Cancellation
- Houston Community College System be named as Additional Insured on all policies except the Workers Compensation (Prohibited by Law)
- Waiver of Subrogation on all policies
- The assigned HCC Project No. 08-02.

Certificate of Insurance to be furnished to HCC Risk Management Office, PO Box 667517, Houston, TX 77266, fax # (713) 718-5177 indicating the limits and coverage's as outlined above within fourteen (14) calendar days after receipt of a written purchase order, or some other duly executed contract document, issued by HCC.

NOTE: CSL denotes "Combined Single Limit"

ATTACHMENT NO. 17

CONFLICT OF INTEREST QUESTIONNAIRE

CONFLICT OF INTEREST QUESTIONNAIRE FORM CIQ	
For vendor or other person doing business with local government entity	
<p>This questionnaire is being filed in accordance with chapter 176 of the Local Government Code by a person doing business with the government entity.</p> <p>By Law this questionnaire must be filled with the records administrator of the local government not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 76.006, Local Government Code.</p> <p>A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.</p>	<p>OFFICE USE ONLY</p> <p>Date Received</p>
<p>1. Name of person doing business with local government entity.</p>	
<p>2. <input type="checkbox"/> Check this box if you are filing an update to a previous questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than September 1 of the year for which an activity described in Section 176.006(a), Local Government Code, is pending and not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)</p>	
<p>3. Describe each affiliation or business relationship with an employee or contractor of the local government entity who makes recommendations to a local government officer of the local government entity with respect to the expenditure of money.</p>	
<p>4. Describe each affiliation or business relationship with a person who is a local government officer and who appoints or employs a local government officer of the local government entity that is the subject of this questionnaire.</p>	

CONFLICT OF INTEREST QUESTIONNAIRE FORM CIQ
For vendor or other person doing business with local government entity

5. Name of local government officer with whom filer has affiliation or business relationship. (Complete this section only if the answer to A, B, or C is YES.)

This section, item 5 including subparts A, B, C, & D, must be completed for each officer with whom the filer has affiliation or business relationship. Attach additional pages to the Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income from the filer of the questionnaire?

Yes No

B. Is the filer of the questionnaire receiving or likely to receive taxable income from or at the direction of the local government officer named in this section AND the taxable income is not from the local government entity?

Yes No

C. Is the filer of this questionnaire affiliated with a corporation or other business entity that the local government officer serves as an officer or director, or holds an ownership of 10% or more?

Yes No

D. Describe each affiliation or business relationship.

6. Describe any other affiliation or business relationship that might cause a conflict of interest.

7. _____ Date _____
Signature of person doing business with the government entity



Procurement Operations

Sample Contract Documents

By and Between

Houston Community College

And

**For
NETWORK UPGRADE EQUIPMENT**

Project No. 08-12

SAMPLE CONTRACT EXHIBITS

EXHIBIT A BID / AWARD FORM

Note: (Attachment No. 1 of this solicitation may become Exhibit A in the resulting contract.)

EXHIBIT B SCHEDULE OF ITEMS AND PRICES

Note: (Attachment No. 2 of this solicitation may become Exhibit B in the resulting contract.)

EXHIBIT C SCOPE OF SERVICES/Specifications/Statement of Work

Note: (Attachment No. 3 of this solicitation may become Exhibit C in the resulting contract.)

EXHIBIT D GENERAL TERMS AND CONDITIONS

Note: (Attachment No. 4 of this solicitation may become Exhibit D in the resulting contract.)

EXHIBIT E CONTRACTOR AND FIRST TIER SUBCONTRACTOR/SUPPLIER PARTICIPATION FORM

Note: (Attachment No. 8 of this solicitation may become Exhibit E in the resulting contract.)

EXHIBIT F INSURANCE REQUIREMENTS

Note: (Attachment No. 15 of this solicitation may become Exhibit F in the resulting contract.)

EXHIBIT G FIRST TIER SUBCONTRACTOR PAYMENT CERTIFICATION FORM (If required)

EXHIBIT H SUBCONTRACTOR PROGRESS ASSESSMENT FORM (If required)

EXHIBIT G

**HOUSTON COMMUNITY COLLEGE
FIRST TIER SUBCONTRACTOR PAYMENT CERTIFICATION FORM**

- Instructions:** 1. This form shall be completed and signed by an officer of the subcontractor's company for each payment received from the prime contractor and shall be returned to the prime contractor for its submission to HCC.
2. The prime contractor shall attach this completed form to each invoice for payment submitted to HCC/Acct. Dept.

PROJECT NO./TITLE: _____

NAME OF SUBCONTRACTOR: _____

ADDRESS: _____

I hereby certify that the above firm has received payment on _____ from _____
(Date) (Prime Contractor)

In the amount of \$ _____ as full payment of our Invoice No. _____ dated _____

for work performed during _____ under Contract/Project No. _____.
(Enter Time Period)

Signature: _____

Name (Print or Type) : _____

Title: _____

Date: _____

Telephone: _____

**EXHIBIT H
HOUSTON COMMUNITY COLLEGE
SUBCONTRACTOR PROGRESS ASSESSMENT FORM**

Project No./Title: _____

Reporting Period: From _____ **To** _____

Prime Contractor: _____

Total Contract Amount (Prime Contractor): \$ _____

Instructions: This form shall be completed and signed by an officer of the prime contractor's company and shall be attached to each invoice for payment submitted to HCC's Accounting Dept.

List Subcontractor(s) name below	Total Subcontract Amount	Amount Paid This Period	Total Paid to Date
	\$	\$	\$

I hereby certify that _____ has made timely payments from proceeds of prior payments, and will
(Prime Contractor)

make payments within five (5) calendar days of receipt of funds now due from HCC to our subcontractor(s) in accordance with the contractual arrangements with them.

Signature: _____

Name (Print or Type): _____

Title: _____

Date: _____

Telephone: _____