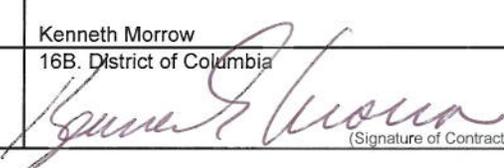


AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages	
				1	2
2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.	5. Solicitation Caption		
DCTO-2009-R-0020-004	April 17, 2009		Fire Station Alerting System		
6. Issued by:		Code	7. Administered by (If other than line 6)		
Office of Contracting and Procurement Information Technology Group 441 4 th Street, N.W., Suite 930 South Washington, D.C. 20001			Office of Unified Communications 2720 Martin Luther King Jr. Avenue, S.E. Washington, D.C. 20032		
8. Name and Address of Contractor (No. street, city, county, state and zip code)		X	9A. Amendment of Solicitation No.		
TO ALL PROSPECTIVE OFFERORS			DCTO-2009-R-0020		
			9B. Dated (See Item 11)		
			March 9, 2009		
			10A. Modification of Contractor/Order No.		
			10B. Dated (See Item 13)		
Code	Facility				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) BY separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTORS/ORDERS , IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
A. This change order is issued pursuant to (Specify Authority): 27 DCMR, Chapter 36, Section 3601.2(b) The changes set forth in Item 14 are made in the contract/order no. in item 10A.					
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data etc.) set forth in item 14, pursuant to the authority of:					
C. This supplemental agreement is entered into pursuant to authority of: 27 DCMR 3601.2 Change Clause, 27 DCMR 2005.6(d) as amended					
D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return one (1) copy to the issuing office.					
14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
1. THE PROPOSAL SUBMISSION DUE DATE AND TIME IS HEREBY EXTENDED FROM: 2:00 PM LOCAL TIME, WEDNESDAY, APRIL 22, 2009, TO: 2:00 PM LOCAL TIME, WEDNESDAY, MAY 6, 2009.					
2. RESPONSES TO QUESTIONS OF CLARIFICATION ARE SET FORTH IN ATTACHMENT I.					
3. A LISTING OF FIRE STATION ALERTING SYSTEM EXISTING EQUIPMENT IS AFFIXED AS ATTACHMENT II.					
4. FLOOR PLANS FOR THE THIRTY-THREE (33) FIRE STATIONS AND ONE (1) FIRE BOAT ARE AVAILABLE ON COMPACT DISC AND MAY BE PICKED UP AT THE OFFICE OF CONTRACTING AND PROCUREMENT, BID ROOM, 441 4 TH STREET, N.W., SUITE 703 SOUTH, WASHINGTON, D.C. 20001, BETWEEN THE HOURS OF 8:15AM TO 4:45PM, MONDAY THROUGH FRIDAY. A LIMITED NUMBER OF COMPACT DISCS ARE AVAILABLE AT THE OUC RADIO SHOP.					
Except as provided herein, all terms and conditions of the document is referenced in Item 9A or 10A remain unchanged and in full force and effect.					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer		
			Kenneth Morrow		
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia		16C. Date Signed
					4-17-09
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

CONTINUATION SHEET
AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

Solicitation Number
DCTO-2009-R-0020

Page of Pages	
2	2

5. THE FOLLOWING KEY PERSONNEL CLAUSES ARE HEREBY INCORPORATED AS SECTION L.21:

L.21 KEY PERSONNEL

L.21.1 The District considers the following positions to be key personnel for this contract: Project Manager (PM) and Subject Matter Experts (SME).

L.21.2 The offeror shall set forth in its proposal the names and reporting relationships of the key personnel the offeror will use to perform the work under the proposed contract. Their resumes shall be included. The hours that each will devote to the contract shall be provided in total and broken down by task.

**District of Columbia
Office of Unified Communications**

**Fire Station Alerting System
District Response to Written Questions and Answers
17 April 2009**

1. If all vendors finish reviewing the stations ahead of schedule, will the duration schedule be shortened or must we strictly adhere to the published schedule?

Answer: Pursuant to the requests of vendors doing site surveys the schedule was reworked to do more Fire Stations each day. The revised plan had 7 locations per day and was completed on 4/1/09.

Questions Relating to our General Statement:

2. Would the City identify three stations that it wants the Fire Station Alert System completely replaced and establish as a basis of firm fixed price Proposal being:
 - a. Install entirely new systems in those stations
 - b. Install head end equipment with related battery backup power and printers in the remaining stations.
 - c. Install 200 room speakers and visual displays (could be a single device or two devices) starting with replacement of broken devices found in stations and if there are left-over devices, then replacing devices that are working marginally.
 - d. Install 10 sign displays in engine bays starting with replacement of broken devices found in stations and if there are left-over devices, then replacing devices that are working marginally.
 - e. Install a monitor within 75' in a community room, that has the capabilities to:
 - i. View station alerts on a split screen, and view
 - ii. TV signal from Comcast on the rest of the screen.
 - iii. Provide a jack for Comcast signal but not provide related Cabling to Comcast demark point or responsibility for quality or presence of Comcast signal.

Answer: No, the District is looking for the vendors to propose the solution that will address all of these issues at the locations identified in the RFP. The District has made the determination that the speakers, trip lights and bells shall be replaced. The reader boards shall be replaced with a minimum 42" LCD flat panel displays.

3. Are the following statements correct:

SYSTEM QUESTIONS:

- a. The only specification for printers is that one printer is to be provided for each location and that it does not need to have color print capability. Paper size requirements are for a standard 8 ½ x 11 documents. The printer must be networkable. Each facility may have anywhere from two to seven zones for distribution of alerts.

Answer: The District currently utilizes small black and white HP P3005N LaserJet printers, which most likely are no longer sold. The acceptable replacement printers are HP P4014N network LaserJet Printer.

- b. Contractor shall provide a minimum of one hour UPS back up power to: run head end communications equipment; one garage bay sign board; and one speaker and visual display in at least one community room and one bunk area.

Answer: Yes, one hour of UPS back up for the equipment stated is acceptable. However, it is expected that the generator will be operational long before the one-hour expires. The vendor shall also be responsible to ensure that UPS is connected to both commercial power and the generator.

- c. All head end equipment shall have surge protection.

Answer: Yes

- d. Contractor shall remove old headend and field device equipment but not cables. Cables above the ceiling that are left behind shall be secured so that they do not fall into rooms below.

Answer: No, the OUC radio shop will remove all old equipment, including securing any remaining wiring.

- e. Contractors will be provided a two-business day period to handle crossover from the existing system to the new one. During that time, the customer will rely on radios for communications.

Answer: Yes, FEMS can accommodate a two-day cutover period where they use the radio system for dispatch.

- f. Contractors that decide to re-use existing equipment or cabling shall be responsible for engineering the Interface between that equipment and the new headend.

Answer: No, the District has made the determination that the speakers, trip lights and bells shall be replaced. The reader boards shall be replaced with a minimum 42" LCD flat panel displays.

- g. Infrastructure outside of the footprint of the building such as Fiber Optic cables for data and copper for audio transmission is provided by the owner and excluded from this scope.

Answer: Yes, the District is responsible for the fiber optic connections to the Fire Stations that are part of the DC WAN. Any internal wiring in the building such as audio cables and/or CAT5 is provided "as is". It is up to the contractor to determine the usefulness of any existing internal wiring (with the exception of AC power wiring) and replace it if necessary.

- h. Facilitating RF transmission of audio or data is not a factor in this scope other than as described in paragraphs C.3.4.21 and C.3.4.30

Answer: No, there are other requirements that require an interface to the radio system, such as C.3.4.28 and C.3.4.29.

- i. A stand-alone Aiphone front door alert system will be acceptable as long as the functions stated in paragraphs C.3.4.13, and C.3.4.15 are met. Specifically that the bell or tone rings in the station control room whereby the attendant can view an image of the person standing at the door. Provide alternate design and pricing to install a second viewing station in the community room. Ability to remotely open the door by using a door strike or mag lock is not required.

Answer: The doorbell specified in Section C.3.4.13 shall provide the alert at the watch desk. There is no requirement for providing the alert in the community room. Please provide as an option a proposal to meet the video requirement in Section C.3.4.15, so that the video is viewable at the watch desk.

- j. Provide alternate pricing for paragraph C.3.4.14. including cost of network connection so that there is a method to route a doorbell message to the Dispatcher, should the Fire Station not have any personnel present at the time the doorbell is activated.

Answer: The proposed solution shall provide a method to route the doorbell alert to the Dispatcher if there are no Fire or EMS personnel in the Fire Station. The District prefers to route the door bell alert to the dispatch position via the existing Intergraph CAD system, but will accept proposals that allow for an alternate method of routing the door bell alert to the dispatch position.

- k. There is no minimum threshold for spare parts as long as the contractor maintains adequate inventory of parts to meet service time-line obligations.

Answer: The contractor shall provide a recommendation on the level of spare parts required to maintain the system.

- l. Capability to interconnect with other City agencies is not a requirement but if the proposed system has this ability, provide detailed information about how it works.

Answer: Yes

- m. Customer will review the RFP using a word search for the word, “Capability” as it relates to equipment functions. Where the word is intended to actually have a certain function at the time the system is commissioned, rather than to have the expansion capacity by adding equipment or software, the City will so state this.

Answer: The term “capability” means that it is a requirement, except for the following Sections, in which it is an option: C.3.2.3 and C.3.4.15.

- n. Message Acknowledgements means that the system should report the delivery and subsequent arrival of a message at the station, not a message that they actually read or received by a person at the station.

Answer: Yes, the message acknowledgement means that system shall send an acknowledgement back to the CAD that the message was delivered to the appropriate location and requires no human interface to activate the acknowledgement.

4. Are the following statements correct:

CABLING AND ELECTRICAL QUESTIONS:

- a. Contractor is responsible for planning and preparing all cable pathway where required in each of the buildings as a component of the base proposal scope of work. This includes installation of cores, sleeves j-hooks, firestop etc. It is the contractor’s responsibility to review and satisfy itself with all conditions prior to making a proposal.

Answer: Yes, and the contractor will be required to meet building code requirements with respect to wiring being inside conduit or if plenum rated cable is required.

- b. Horizontal cabling that is not run inside of hard ceilings and walls must be supported every four to five feet.

Answer: Yes, and in some cases may be required to be run in conduit.

- c. Contractor shall assume that there is adequate power available in a circuit panel that is located within 75 feet of the control room. Such power is

defined as a panel box that has space available for up to three new dedicated 20 amp circuits. If this capacity is not available, the customer will be responsible for providing it.

Answer: Yes, the District will provide access to the AC power panel in each location and if it is not adequate to meet the requirements to power the new equipment will be responsible for upgrading the breaker box and AC power to the building.

- d. Contractor's base scope of work includes installation of new or upgraded outlets that either using the panels described in the previous statement or other panels should it be more cost-effective. There shall be a minimum of two 20-amp outlets at the head end equipment location.

Answer: Yes, and the head end equipment shall be connected to a UPS with a minimum of one hour of back up power, as well as to AC outlets connected to the building emergency power generator.

- e. Any new cables (except door video /bell system) or old cables used for new devices, that go to the exterior of the building shall have lightning protection.

Answer: Yes

- f. All A/C power work will be performed by a District of Columbia licensed electrician.

Answer: Yes

- g. All new data cabling shall be plenum rated.

Answer: The requirement for plenum rated cabling depends on the fire code requirements for each building. For example, some cables are routed through conduit, which will not require plenum rated cables.

- h. Contractor may use its discretion relating to re-using cabling that is already in place for connecting new or re-used field devices provided that such re-use does affect manufacturer's equipment warranty. Some cabling may be CAT5 but not necessarily all.

Answer: Yes, but it is the responsibility of the contractor to assess the condition of any existing wiring that they chose to re-use so that it will support the new equipment installed in each location with a minimum CAT5 and the reused wiring shall not violate the FSAS warranty. The minimum cabling requirements for new cable installation shall be CAT6.

- i. All new outlets, racks and head end electronic equipment shall be grounded.

Answer: Yes, all equipment shall be tied to the internal ground bus in each location.

- j. Install all new cabling by using the standard in place in the building where the new cabling is being installed provided that such installation standards meet code requirements.

Answer: Yes, including wiring that might be required to be installed in conduit or utilization of plenum rated cables.

5. Are the following statements correct:

FACILITY ACCESS:

- a. Facilities will be available for installation Monday through Friday between 8:00 AM and 5:00 PM and at other times by arrangement.

Answer: Yes

- b. Differential rates for weekend and evening work are not permitted.

Answer: Yes

- c. Work must be substantially completed prior to August 15, 2009. Work should commence soon after award. Other than for building permits, any coordination between agencies shall be handled by the Office of Unified Communications.

Answer: Although this is an annual contract the District expects to complete this project as soon as practical. The Section F.3 table lists the deliverables, which includes the Project Plan that is due 10 days after contract award. The installation phase shall begin no later than 60 days after contract award. Section C.3.10.3 of the RFP says that once the installation phase of the project has begun, all installations shall be completed in 90 days. However, the District is currently renovating Engine Company 10 and if the FSAS installation work is completed within the original project plan but before Engine Company 10 is renovated or if renovations have begun at another fire station the project may be required to extend beyond the original 12 months. The District will renovate some of the other fire stations in the future, which may require the removal and reinstallation of FSAS alerting equipment, which may be handled via a change order or a new contract at the District's discretion.

- d. Customer will provide vendor with an onsite secured room in each building during the approximately one to two week installation period for each facility.

Answer: The District cannot provide an on-site secured room at any of the locations during the installation period. The contractor shall provide for the security of all equipment until it is installed at each location.

- e. Customer provide vendor with two off-street parking spaces during the approximately one to two week installation period for each facility.

Answer: The District will try complying with this request, but cannot always guarantee two off-street parking spots due to limited space at some locations.

6. PERMIT, INSPECTION, LICENSE & TAX QUESTIONS:

- a. May the work be handled under a single electrical permit covering all facilities or are multiple permits required? Will City agencies charge permit and inspection fees or are they waived for this project? If they are not waived, may permit and city agency inspection fees be treated as excluded from scope and handled as change order items?

Answer: All permits for any electrical work are the vendor's responsibility. Please see the District of Columbia Department of Consumer and Regulatory Affairs (DCRA).

- b. Is a building permit required for this project? If so, will OUC obtain the permit without charge to the Contractor?

Answer: All permits for any electrical work are the vendor's responsibility. Please see the District of Columbia Department of Consumer and Regulatory Affairs (DCRA).

- c. Is this project exempt from District of Columbia Sales and Use tax?

Answer: Yes

- d. Is the following statement Correct: Contractor is required to obtain necessary Electrical permits and is required to either hold or subcontract to a District of Columbia Entity that maintains a City issued electrical license.

Answer: A licensed electrician must do all work related to installing any new electrical circuits required for the new system. The contractor must also comply with the District licensing requirements for low-power cabling and devices.

- e. Is it a minimum requirement in order to comply with the RFP Contractors and their sub-contractors must hold appropriate credentials to conduct business within the District of Columbia.

Answer: Yes, all electrical work requires a licensed electrician. It is the vendor's responsibility to obtain all appropriate District permits and credentials.

7. CONTRACT QUESTIONS:

- a. Is progress billing permitted?

Answer: No, please refer to G.4.1 of the solicitation.

- b. Solicitation box number six is marked as "Open" and the box for "Open with Sub-Contracting Set Aside" is left blank. Paragraph M.6.1 states that "If the prime contractor subcontracts any portion of the work ..., the prime contractor shall meet the following subcontracting requirements: At least 35% of the dollar volume shall be subcontracted to Certified Business Enterprises..." As a clarification, is there is a minimum of thirty-five percent (35%) Certified Business Entity set aside should the selected contractor subcontract any portion of the work covered by the scope (including electrical)?

Answer: Yes.

- c. Is there a bonding requirement for this project?

Answer: No, however the successful offeror must comply with the insurance requirements specified in I.8 of the solicitation.

- d. Does Paragraph 1.8 starting on page 44 describe insurance requirements?

Answer: Yes.

- e. Are there historic alterations issues related to any of the work within scope including replacement and/or addition of exterior speakers?

Answer: Yes, some of the buildings do have historical restrictions, which apply to the outside of the building only. The vendor will be responsible for any permits required to meet these historical restrictions. The OUC will provide a list of buildings after award of contract.

- f. Are vendor RFI's due by March 31, 2009?

Answer: If you are referring to the District's RFP, then the vendor proposal submission due date is extended to 2:00pm local time, Wednesday, May 6, 2009.

- g. Is it correct that any asbestos remediation that may be required to fulfill contract conditions will be treated as an unanticipated site condition and is excluded from vendor's scope of responsibility?

Answer: Yes

- h. There is no published document pertaining to Security Standards that apply to this project. Are reasonable care and ordinary precautions the standard?

Answer: Please refer to the following URLs for security requirements:

<http://cwits.in.dc.gov/ocsm/site/default.asp>

<http://www.octo.in.dc.gov/octo/cwp/view.asp?A=1140&Q=444412&octoNav=|29896|>

- 8. Contractor respectfully requests that the due date be extended from April 22, 2009 to May 22, 2009. The request is due in part to the complexity surrounding the device integration at the 33 fire stations and the short timeline for response once published amendments with answers to vendor questions will be received.

Answer: See response to Question 7.f.

- 9. Contractor requests that a baseline configuration for devices, as well as floor plans for each fire station be provided in order to compare and evaluate bid responses.

Answer: The District will publish along with the answers to all vendor questions the quantities of equipment in each fire station, along with floor plan diagrams.

- 10. Where the spec requires that the FSAS have the capability to support a feature, shall we understand that to mean that implement of that feature should be quoted in the proposal? For example, see Section C.3.4.18 in comparison with Section C.3.4.23.

Answer: Please see the response to other questions about "capability" in other sections of the District's response to vendor questions. In this case, Sections 3.4.18 and C.3.4.23 are requirements.

11. Where devices (Speakers, trip lights, reader board, etc.) are currently present in the fire station, does the District require that these devices be replaced as part of this offering?

Answer: Yes, the District has made the determination that the speakers, trip lights and bells shall be replaced. The reader boards shall be replaced with a minimum 42" LCD flat panel displays.

12. Is the District referring to R56 installation Standards? (Section C.3.1.1)

Answer: Yes

13. Does the District intend to install FSAS servers at both the PSCC and the UCC? Does the District intend that redundant FSAS servers be installed at each location? (Section C.3.1.2)

Answer: Yes, Section C.3.1.2 states the requirement for geographic redundancy. Currently the District has two CAD Communications servers installed at the UCC and one CAD Communications server installed at the PSCC. Any one of these servers can be the primary communications server for the FSAS.

14. Would the District please specify the quantity and type of devices required at each fire station for this requirement? (Section C.3.2.6)

Answer: The District will provide a count of current devices at each fire station. This current count should not be taken as the final quantity of devices required at each fire station. The District is looking for a turnkey solution and looking for vendors to provide the required quantities of devices at each fire station, whether they chose to reuse existing devices or install new ones. The vendor can provide the pricing for the current device counts at each station, but provide optional pricing for adding additional devices.

15. Does the requirement for no equipment in the dispatch center refer only to the dispatch and call taker workstations, or does it refer to the equipment rooms as well? (Section C.3.2.7)

Answer: The requirement in Section C.3.2.7 means that the current method of FSAS alerting is through the existing Intergraph CAD system and the vendors FSAS server shall connect to the CAD Communications servers at the UCC and PSCC in the respective data centers (server rooms). The District prefers that the acknowledgement and door bell alert be sent through the CAD system to the dispatch position, but if required the District will allow additional equipment to be installed at the dispatcher position for only the acknowledgement and door bell alert. No new equipment shall be installed at the dispatch position for sending the FSAS data.

16. Would the District please specify the functionality required of the DTMF signaling? (Section C.3.3.1.2)

Answer: This is not a requirement but an option to provide signaling to activate devices in the fire station via the radio system.

17. Would the District please specify how it would like to utilize other District radio assets as back-up communications? (Section C.3.3.1.4)

Answer: The District requires that the District radio system function as a back up at a minimum to deliver audio for the dispatch call. As an option, the vendor can reuse the existing Console located in each fire station.

18. Does the spec refer to the fire station alerting station-alerting screens at the dispatch centers or as the fire stations? (Section C.3.4.22)

Answer: The Section C.3.4.22 states the requirement is for both the fire station alerting screens, as well as the dispatch position. The District requires the acknowledgement be displayed on the fire station monitor and at the dispatcher position, and if required a separate monitor or other device can be installed at the dispatch position only for the acknowledgement and door bell alert.

19. Should the alerting text message be displayed on the TV or on another display? (Section C.3.4.25)

Answer: The District is looking for a turnkey solution and one requirement at a minimum is that the audio on the TV in the community room be disabled and the text information from the Intergraph CAD system be displayed on the TV. The District, as an option would like to have the text message displayed on other TV's in the each fire station, such as in the weight room, officer's quarters, if possible.

20. Would the District please specify what secondary source function activation must be possible from? Does this mean from a second location? (Section C.3.4.26)

Answer: Yes, the function activation can be activated by either of the two CAD communications servers at the UCC or the PSCC.

21. Is the required turnout timer a display clock at the fire station or a clock that is not displayed, but used for reporting? (Section C.3.4.32)

Answer: The turnout timer is an internal system clock used for reporting.

22. Would the District please specify who generates the move-up announcement, the dispatcher or someone at the fire station? (Section C.3.4.39)

Answer: The Dispatcher generates the move-up announcement.

23. Would the District please specify the security standards of OCTO? (Section C.3.6.1)

Answer: Please refer to the following URLs for security requirements:

<http://cwits.in.dc.gov/ocsm/site/default.asp>

<http://www.octo.in.dc.gov/octo/cwp/view.asp?A=1140&Q=444412&octoNav=/29896/>

24. Where the spec requires that additional devices and/or cabling be installed, is this cabling required to be in conduit?

Answer: Yes, and the contractor will be required to meet building code requirements with respect to wiring being inside conduit or if plenum rated cable is required.

C3 Fire Station and Alerting System Requirements

25. **C.3.4.47** –Can the existing UPS equipment at the fire station be used? If so, what fire stations do not currently have UPS backup, and are UPS outlets available for re-use? If not, will the contractor be required to backup the WAN equipment in addition to the FSAS equipment at each fire station?

Answer: The vendor shall provide a UPS for all primary head-end equipment in each fire station.

26. **C.3.4.36** –Can a list of required voice recordings be provided to the contractor?

Answer: The list will be provided after award of the contract and the list will be developed with the OUC and the contractor.

27. **C.3.7.2** –What are considered “video devices?” Is it video cameras? Televisions?

Answer: The requirement for “video devices” in Section C.3.7.2 means video camera or video displays including television sets in the fire station.

H.11.1-Key Personnel

28. Is the requirement in clause H.11.1 applicable? There is no reference to any key personnel requirements indicated in Section L. If it is applicable, please clarify.

Answer: H.11.1-Key Personnel, is applicable. The Key Personnel clause is incorporated by this amendment as Section L.21. The Project Manager (PM) and Subject Matter Experts (SME) are key personnel.

Attachment J.2.4

29. Since this is a Firm Fixed Price effort, are all of the pricing data requirements described in Attachment J.2.4 required to be completed or do vendors simply need to complete the Price Schedule in B5?

Answer: Strict use of Attachment J.2.4 - Cost/Price Data Package is not required, however in addition to completing the Price Schedule in B5, offerors must provide detailed data to show how it arrived at its total price, and the offeror must sign the Cost / Price Disclosure Certification.

30. If attachment J.2.4 is required, Section L.2 states that it is required in both Section 3 and the Price Proposal; is this correct?

Answer: Attachment J.2.4 – Cost/Price Data package is to be completed and submitted with the Price Proposal only.

Attachment J.1.4

31. Item #10, what is the definition of “Principal Individuals of Business” – Are you interested in the principal individuals proposed in the project (i.e. key personnel) or something else?

Answer: Officers, Owners, Partners

32. Item #7, please clarify what type of information is required in the Awarded (units) column.

Answer: Awarded (units) does not apply to this solicitation.

Section L.2

33. Section L.2 does not mention a Subcontract Plan (if applicable). If an offeror is required to submit a subcontract plan, where should it be placed in the proposal?

Answer: If applicable, the offeror must submit the Subcontract Plan with its Technical Proposal.

34. In Section L2, Attachment J.1.4 is stated to be required in both Sections 2 and 3. Does it need to be submitted in both sections?

Answer: Attachment J.1.4 – Experience Questionnaire should be submitted with the offerors’ technical proposal in Section 3.

35. Subsection L.2.1.2 instructions indicate that similar contracts completed during the past 3 years with fire departments is to be provided in Attachment J.1.4. The attachment, Item #6 requests projects completed within the last 5 years of similar scope/scale. Please clarify the apparent discrepancies: Is the requirement 3 years or 5 years, and is the experience limited to fire departments only?

Answer: The requirement is 3 years, and is limited to fire departments and emergency medical service agencies only.

Resumes

36. Are resumes required for all personnel proposed or are only representative resumes required to demonstrate a vendor's qualifications?

Answer: The resumes for the personnel who will be working on this project shall be included, such as for the Project Manager, Engineers, and installers.

Other

37. Request that the Wage Determination for Rhode Island be incorporated into the solicitation.

Answer: The end product will be installed in Washington, D.C, and only Washington, D.C. wage rates apply.

38. C.3.1.2 Do all three CAD locations have to be able to dispatch the stations or can the remote site access the server at the OCC?

Answer: Yes, Section C.3.1.2 states the requirement for geographic redundancy. Currently the District has two CAD Communications servers installed at the UCC and one CAD Communications server installed at the PSCC. Any one of these servers can be the primary communications server for the FSAS.

39. C.3.2.1 Is the DC public safety network closed to the outside? Are the stations inside or outside the network that the CAD resides on? Can we use the existing network connection from CAD to the fire stations for operation of the alerting system? Do the existing connections to the fire station connect to all three CAD locations?

Answer: Yes, the DC WAN is a private closed network. The CAD is within the closed DC WAN and communications to the fire stations are inside the network. The District requires that the IP communications between the CAD communications server and the fire stations be on the DC WAN. The vendors can consider the connections between the CAD Communications servers and the fire stations to be 'part of the cloud' of the DC WAN.

40. C.3.2.2 Do the dispatch consoles have the ability to generate an audible alarm?

Answer: Yes

41. **C.3.2.3** Is this functionality supposed to be priced in as an option or is it a requirement? Is there an analog paging port on the telephone switch available at each station? Does the existing network connection to fire stations support the bandwidth required for VoIP? What is your network topology/architecture? Please describe.

Answer: The requirement stated in Section C.3.2.3 shall be quoted as an option.

42. **C.3.2.5.4** Please provide an example of a non-emergency alert.

Answer: Test messages are an example of a non-emergency alert. Another example of a non-emergency alert is updated fire hydrant information, which is sent to the printer in the fire station.

43. **C.3.2.5.5** What status queries will be requested?

Answer: The Dispatcher can see apparatus status live at the dispatch position. The individual apparatus can query the status of another vehicle via iMobile. For example, if a particular Fire Chief wants to find the status of an Engine, the Chief can query the status via iMobile.

44. **C.3.2.5.6** Does the CAD currently support these functions? Please define in detail how these functions are implemented. How does the CAD react to these queries?

Answer: Yes, the units provide status update messages to the CAD system via iMobile, such as "in route", "on scene", "in transport", "at quarters, etc. The CAD system updates the dispatcher position, so that the dispatcher can see the current status of the apparatus live.

45. **C.3.2.6.3** Acknowledgements (acknowledges receipt of alert at the Fire Station). Do you want automatic acknowledgement that the system received the alert, or a manual acknowledgement by the crew?

Answer: The acknowledgement shall be automatic by the system so that the dispatcher knows the data was received at the fire station. No manual intervention is required by the fire station personnel.

46. **C.3.3.1.4** What are the "other" assets? Who is responsible to supply and install radios for a "turnkey" system as described? How many radios with different bands per station are needed in each station? Are the stations equipped with backup radios? If so, what type and frequency?

Answer: The radio assets required for backup is the District's 800 MHz radio system. Please disregard the reference to VHF or UHF radio assets.

47. **C.3.4.2** Please define the estimated timeline for the incremental stages.

Answer: Although this is an annual contract the District expects to complete this project as soon as practical. The Section F.3 table lists the deliverables, which includes the Project Plan that is due 10 days after contract award. The installation phase shall begin no later than 60 days after contract award. Section C.3.10.3 of the RFP says that once the installation phase of the project has begun, all installations shall be completed in 90 days. However, the District is currently renovating Engine Company 10 and if the FSAS installation work is completed within the original project plan but before Engine Company 10 is renovated or if renovations have begun at another fire station the project may be required to extend beyond the original 12 months. The District will renovate some of the other fire stations in the future, which may require the removal and reinstallation of FSAS alerting equipment, which may be handled via a change order or a new contract at the District's discretion.

48. **C.3.4.4** Please provide a complete description (including quantities) of all functions per station to be controlled by the FSAS. At each station, how many doors, shoves, etc?

Answer: The proposed solution shall provide for eight relays contact closures that can switch up to 7 amps of current at 120 Volts AC.

49. **C.3.4.5** Please provide the guidelines for reuse of the existing equipment.

Answer: The District has made the determination that the speakers, trip lights and bells shall be replaced. The reader boards shall be replaced with a minimum 42" LCD flat panel displays.

50. **C.3.4.15** Where is the video display activated by the front doorbell to be located? Are multiple doorbells to support the video feed? Please confirm the District will supply the video equipment, video feed, video network feed to any location outside the fire station, and any mechanics after activation. Please provide specifications for this equipment. Is two-way audio required for the doorbell from the video display point? What method does the District currently use to verify the station is unoccupied when the doorbell is activated?

Answer: Section C.3.4.15 is an option. Any video feed from the area by the doorbell shall be supplied to the video terminal in the fire station watch room. The District is looking for a turnkey solution and any video equipment shall be quoted as an option by the vendor.

51. **C.3.4.21** Please confirm that the District will be supplying back up radio. Please provide the make and model of the back up radio.

Answer: The Motorola 800 MHz Console at the fire station.

52. **C.3.4.25** Please provide the number of TVs in each station. Will all TVs be compatible with the new digital television standard?

Answer: The District has provided a table with the quantities of existing equipment at each fire station including televisions. The vendor can assume that none of the televisions in the fire stations are compliant with the new digital television standard.

53. **C.3.4.28** Please identify the existing console make and model. Please identify the make, model and frequency of the portables.

Answer: The consoles are Motorola Gold Elite and the portables are 800 MHz Motorola XTS5000s.

54. **C.3.4.29** Please clarify the specific responsibilities and modifications and adjustments to the existing system.

Answer: The current FSAS interfaces to the District's Intergraph CAD system. The District requires that the replacement system interface to the existing CAD system. It is the vendor's responsibility to resolve any interface issues with the existing District vendors, which include Intergraph for the CAD system and Motorola for the radio system. In addition, any interface to other District infrastructure, which includes the DC WAN is the responsibility of the vendor.

55. **C.3.4.30** How long does it currently take to set up each call when operating in the back up radio mode?

Answer: The maximum call set up time is three seconds.

56. **C.3.4.34** Please confirm that new printers are to be supplied for this project. If not, do they all currently work? Please specify the make, model and number of printers. Please clarify that the current printers are being driven by the CAD system.

Answer: The District currently utilizes small black and white HP P3005N LaserJet printers, which most likely are no longer sold. The acceptable replacement printers are HP P4014N LaserJet printer.

57. **C.3.4.35** Please define "regular". Please specify which changes, and the duration of the update period. Does this include CAD interfaces as well?

Answer: The term "regular" refers to the requirement to update an audio database based upon changes in the District's Fire and EMS departmental operational requirements. Changes to the CAD should be transparent to the FSAS.

58. **C.3.4.44** Are fully redundant servers required for both dispatch locations? Please provide the District's minimum specifications for the servers.

Answer: The District currently has two CAD Communications servers at the UCC and one CAD Communication server at the PSCC. Any one of these servers can provide the FSAS data to any fire station. The District's requirement is that the vendor provides redundancy and diversity, such that a server in either the UCC or PSCC can provide the fire station alerting that originates from any of the District's CAD servers. At a minimum, there should be one server at each of the District locations of the UCC and PSCC.

59. **C.3.4.45** Define in detail what the District means by geographic redundancy.

Answer: The District requires that the FSAS core servers are located in two distinct locations, in this case in the UCC and the PSCC. Either server shall be capable of providing the FSAS data from any of the three Intergraph Cad Communication servers located at the UCC and PSCC.

60. **C.3.5.5** Please clarify that the reference to 8.1.2 is correct. Section 8.1.2 addresses telephone systems. Is the correct section 9.1.2?

Answer: The RFP sites the correct NFPA chapter as Chapter 8.1.2. NFPA Chapter 8.1.2 says if there is a failure in the IP-based alerting system affecting a particular station or stations, the PSCC and the individual station(s) will each receive an alert. NFPA Chapter 9.1.2 has to do with CAD System backups.

8.1.2 Monitoring for Integrity. Wired circuits, microwave carrier channels, dedicated telephone circuits and devices upon which transmission and receipt of alarms depend shall be monitored constantly to provide prompt warning of trouble that will impact reliability.

9.1.2 Backup. Where a CAD system is used for emergency service dispatch operations, a manual backup method shall be provided and shall be available for use in the event of a failure of the CAD system.

61. **C.3.5.8** Please provide the monitoring and maintenance functions required for this section.

Answer: The FSAS Network Management System (NMS) shall integrate into the current District of Columbia NMA, which is HP OpenView. The network interface shall use TCP/IP protocols and shall support SNMP format. The NMS shall be able to print alarms and customizable reports on the network printers. All major equipment failures shall be displayed on the Administrative terminal, including but not limited to, power supplies, switches, routers, servers, user terminals, and UPS. The NMS shall automatically poll devices on the systems to determine the status on a periodic basis, as well as on manual basis if implemented by the system operator. The NMS system shall provide levels of alarms including, Critical, Major and Minor alarms. The vendor shall provide the FSAS Management Information Base MIBS.

62. **C.3.6.1** Please provide a copy of all security standards that are to be met.

Answer: Please refer to the following URLs for security requirements:

<http://cwits.in.dc.gov/ocsm/site/default.asp>

<http://www.octo.in.dc.gov/octo/cwp/view.asp?A=1140&Q=444412&octoNav=29896/>

63. **C.3.6.4** Please provide a list of equipment acceptable for use by the District.

Answer: The District has standardized their network switches and routers as Cisco gear and network printers are HP, as specified in other sections of this document. If the offeror proposes alternate network equipment, the Network Engineering Services Group of the Office of the Chief Technology Officer will need to approve the hardware prior to connection to the District's WAN.

64. **C.3.7.3** Are the additional electrical circuits required to be connected to the existing generator backup? Please confirm that the fire stations are totally powered by the emergency generators. This means all outlets on emergency power.

Answer: If any new electrical circuits are necessary for the installation of the new FSAS equipment they shall be connected to the existing emergency power generator. Every fire station in the District has an emergency power generator, but not all electrical circuits in a fire station may be connected to the generator.

65. **C.3.9.4** Is it possible for this meeting to occur prior to contract signing so that all parties clearly understand the scope of the contract?

Answer: No, this meeting will occur after the contract has been awarded.

66. **C.3.10.3** Please define the installation phase and the scope of the project and installation. Is the 90 day requirement for a basic system that reuses the District's existing equipment as opposed to supplying state-of-the-art new equipment? Is there an installation phase per station? Who determines when the installation phase commences?

Answer: Although this is an annual contract the District expects to complete this project as soon as practical. The Section F.3 table lists the deliverables, which includes the Project Plan that is due 10 days after contract award. The installation phase shall begin no later than 60 days after contract award. Section C.3.10.3 of the RFP says that once the installation phase of the project has begun, all installations shall be completed in 90 days. However, the District is currently renovating Engine Company 10 and if the FSAS installation work is completed within the original project plan but before Engine Company 10 is renovated or if renovations have begun at another fire station the project may be required to extend beyond the original 12 months. The District will renovate some of the other fire stations in the future, which may require the removal and reinstallation of FSAS alerting equipment, which may be handled via a change order or a new contract at the District's discretion.

67. **E.4.CCB** Please provide a copy of the OCTO rules and a complete description of this process.

Answer: The OUC will be the direct interface to the CCB and the vendor shall work with the OUC on any issues that require CCB approval.

68. **H.10.3** What are the days and normal business hours?

Answer: The normal days and business hours are 8:00 am to 4:30 pm Monday through Friday.

Other questions:

69. If new devices are installed, who will be responsible for the demo and removal of the existing system?

Answer: Any equipment that is not reused by the vendor will be removed by the OUC radio shop.

70. When installing devices into drop tile ceilings, is there a supply of replacement tiles? If not, what is the District's expectation for tile replacement, keeping in mind that new tiles may stand out next to older tiles?

Answer: There are no spare replacement tiles and if the vendor must replace a tile, the District will accept a color difference when a new tile must be installed.

71. Are any of the stations under historical building restrictions? If so, please identify.

Answer: Yes, some of the buildings do have historical restrictions, which apply to the outside of the building only. The vendor will be responsible for any permits required to meet these historical restrictions. The OUC will provide a list of buildings after award of contract.

72. Have all buildings passed asbestos abatement requirements? If so, please provide documentation of such.

Answer: As stated in the pre-proposal conference, any work related to asbestos abatement requirements are outside the scope of this contract.

73. Do all buildings meet current electrical code? If not, will the District bring buildings up to current electrical code prior to the installation phase?

Answer: No, not all of the buildings meet the current electrical code and the District will not bring them up to the current electrical code prior to the installation work. Any new electrical work done by the vendor shall meet the current electrical code.

FSAS Existing Equipment

Location	Speakers	Trip Lights	Reader Board	Bell	TV	Rooms
PSCC Radio Shop	0	0	1	0	0	2
Engine 22	23	9	1	10	5	17
Engine 24	26	24	2	13	5	18
Engine 14	11	12	1	9	3	7
Engine 23	11	7	1	7	5	10
Engine 1	28	20	2	7	12	16
Engine 5	13	6	1	3	6	10
Engine 29	14	8	1	5	9	7
Engine 28	15	12	1	18	5	15
Engine 31	15	8	1	8	4	10
Engine 20	23	12	1	13	5	24
Engine 21	13	21	1	13	6	10
Engine 11	17	22	2	17	8	20
Engine 4	14	13	1	7	5	10
Engine 9	31	15	2	12	8	18
Engine 16	27	13	6	2	6	14
Engine 6	25	20	14	2	4	13
Engine 2	33	23	12	2	8	14
Engine 3	21	11	9	1	6	11
Engine 17	14	11	6	1	2	6
Engine 26	18	8	4	1	5	12
Engine 12	27	21	16	2	9	12
Engine 18	23	12	1	9	8	13
Engine 13	21	5	2	2	1	12
Engine 7	21	6	1	8	6	11
Fire Boat, Pier 5	25	6	1	7	4	7
Engine 10						
Engine 8	14	12	1	7	5	10
Engine 15	23	14	2	11	4	14
UCC	0	0	0	0	0	1
Engine 25	20	9	1	8	6	12
Engine 33	24	20	1	12	10	12
Engine 32	26	9	1	8	8	13

FSAS Existing Equipment

Engine 19	21	2	1	9	8	12
Engine 27	17	12	1	5	3	8
Engine 30	21	3	1	1	6	15

NOTES:

1. The speaker wiring at Engine Company 2 in the bunk room upstairs does not work, due to some construction at in the fire station.
2. The trip lights in the pilot's bunk at the Fire Boat Station have been disabled so the pilot can maintain night vision.
3. Although we asked the FEMS personnel when they were available if everything was working in the fire station, there may be occasions where the speakers and trip lights at some Fire Stations may not be operational, as some fire stations were empty (they were on a run) when we did the site surveys.
4. The vendors should assume that there will be defective and/or missing lights and speakers in some of the fire stations.
5. Engine Company 10 is being completely renovated, so no site survey was conducted. Drawings of the new floor plan will be provided.
6. The UCC site survey only consiste of viewing the server room for the placement of any servers and associated equipment required to interface to the Integraph CAD server.
7. Engine Company 25 has intermittent speakers throughout the fire station.