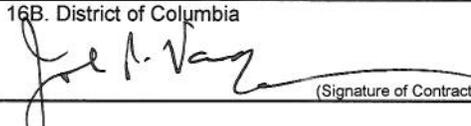


AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages	
				1	10
2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.		5. Solicitation Caption	
Amendment A0003	August 7, 2009			Situational Awareness Data Exchange for MPD	
6. Issued by:		Code	7. Administered by (If other than line 6)		
Office of Contracting and Procurement Office of the Chief Technology Officer 441 4 th Street, N.W., Suite 971N Washington, D.C. 20001			Office of the Chief Technology Officer Telecommunications 441 4 th Street, N.W. Washington, D.C. 20001		
8. Name and Address of Contractor (No. street, city, county, state and zip code)			9A. Amendment of Solicitation No.		
TO ALL PROSPECTIVE OFFERORS			X DCTO-2008-R-0164		
			9B. Dated (See Item 11) July 8, 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 checked="" 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 time and date is changed from 2:00pm, August 14, 2009 to 2:00pm, August 19, 2009.					
2. The attached questions and answers are being provided for your information.					
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		
			John P. Varghese		
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia		16C. Date Signed
(Signature of person authorized to sign)					8/7/09
			(Signature of Contracting Officer)		

1. Will the District provide an extension?

Answer Q1: Yes, the proposal submission time and date has been changed from 2:00pm, August 14, 2009. to August 19, 2009. Amendment A0003 applies.

2. Will the District allow for on-site discussion?

Answer Q2: No. However, the District allowed questions to be submitted.

3. We interpret the purpose of AMS system to be used for both emergency / large event management and for fusion center analysis. Is this a correct assumption?

Answer Q3: Yes.

4. What overarching activities / workflows do you envision for the users of the AMS system? View, analysis and report only? To request actions or resources in another system? Or to actually manipulate resources in another system?

Answer Q4: View analysis and report only.

5. **Section 1.0 Summary:** what level of custom development is expected within a COTS application? Is it acceptable to have a combination of a COTS system with customization to satisfy, for example, integration points?

AnswerQ5: Yes.

6. Are there software development requirements and/or custom development standards that must be used?

AnswerQ6: Global Justice XML data model

7. Please further describe the requirements of crime/incident threat analysis and operations management?

AnswerQ7: These requirements are not applicable to this solicitation.

8. Please define **field units**? Are these in-vehicle mobiles or handheld smart phones/pda's?

AnswerQ8: Yes.

9. Please define what '**observations**' would be collected by the field units? Does this include voice, text, GPS, video, camera stills, or?

AnswerQ9: Text

10. How does the District envision **CAD to CAD information sharing** taking place within the context of this system? Is this system just a subscriber to the CAD to CAD data exchange?

AnswerQ10: Yes.

11. What **data exchange formats** should be supported for CAD to CAD? NIEM? If so, please list the IEPD's that need to be supported?

AnswerQ11: NIEM, GJXML, and IEPD guidance are to be followed.

12. Is the District's expectation that a "portal" be built which replicates the germane portions of the lower level systems' UI, but doing so in an integrated and seamless fashion? If this is the case, do the underlying systems have an API that supports the necessary level of communications and bi-directional behavior?

AnswerQ12: Not applicable to this requirement.

13. Should the system maintain its own data warehouse that combines and organizes the pertinent data from the constituent system so that '**cross system**' queries, reporting and BI analysis can be performed?

AnswerQ13: No.

14. Is there a preference as to the **client technology** (web client, smart client, rich client)?

AnswerQ14: Contractor should propose solution.

15. **Section 3.0 Project Description:** the description states that "The MPD currently employs a web-enabled system that allows authorized personnel too quickly and accurately analyze and disseminate intelligence captured from multiple sources."

Question: What components make up this web-enabled system that is in place today? Is it simply a web view of a data warehouse, the contents of which have been populated with data from various systems including the CAD system?

AnswerQ15: Answers: Prototype designed by TransGlobal Business Systems Largo, MD and AMS was designed by Yellow House Associates, Washington, DC

16. **Section 3.0 Project Description:** the description further states that in August of 2008, the Department set out to create an alert system whereby citizens could anonymously submit tips /leads about potential criminal activity occurring in their neighborhoods. By early September, the scope of the project had morphed into the creation of an informational database that would also allow users to more effectively map, manage and catalog related police activities. Examples include CCTV viewing requests, CAD calls for service, police officer hospital details etc.

Question: Can the vendor infer from this that the existing AMS database is already populated from the CAD system data?

AnswerQ16: Yes.

17. **Section 4.1.3 Plan of Action**

a. **Section 4.1.3.1 Command Activation:** Please describe this term and the workflow envisioned. What 'commands' are being activated? Is the intent to actually activate commands from the AMS? Or request that commands be activated?

b. **Section 4.1.3.2 Resource tracking:** Please describe all resource types; is this "dispatchable" resources or other resource types. What "systems" own the resources to be tracked?

c. **Section 4.1.3.2.2 Tour of Duty:** Please define this term. Where is this data sourced from?

d. **Section 4.1.3.2.3.1 Contact information:** Is this information maintained in this system or sourced for another system(s)?

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e. **Section 4.1.3.2.4 AVL/GPS resource tracking:** What is the anticipated refresh rate for tracking via GPS?

f. **Section 4.1.3.4 Editable time line display and 4.1.3.4.1:** Open action items displayed horizontally on top in a border defined area. Will action items are created within this application? Or are they flowing from other systems into this system?

AnswerQ17a: No.

AnswerQ17b thru 17e: Data is owned and sourced in CAD.

AnswerQ17f: not applicable to this requirement.

18. **Section 4.2 Seamless integration with legacy systems:** What is the preferred integration methodology to the legacy systems? Is high availability required? Is there a list of agency legacy systems? Do all these systems have a public API of some sort? What type of data exchange mechanism is employed by each (XML, proprietary formats ...)?

AnswerQ18: Contractor should propose solution.

19. **Section 4.2.1 MPD Intergraph Computer Aided Dispatch (CAD) system** utilized by MPD with the ability to auto fill APPLICATION form fields upon user approval. What is the workflow envisioned for interacting with the CAD system. Is this a bi-directional interface? What specific actions will this system want to initiate within the CAD system? What is the 'application form' and what information should be auto fill? Where is the auto fill information sourced from? For example, if data is pumped to a message bus (i.e., Biztalk), in an XML format, is that sufficient for the new application to "auto fill" with? Is the Intergraph CAD system the only CAD system?

AnswerQ19: Intergraph CAD is the only CAD system.

20. **Section 4.2.2 Field reporting system data:** What is the field reporting system referred to? What information is expected to be transferred from the field reporting application? Is this information to be transferred directly from the field reporting application or via the repository that hosts the field reporting data? Is this a bi-directional interface? Is the vendor expected to mine this information or will it be served up by the field reporting system?

AnswerQ20: Data will be served up by field reporting system

21. **Section 4.2.3 Criminal Justice Information System arrest data:** What is the source application of the Criminal Justice data? Is it a custom system? Please define the workflow envisioned for interacting with this system. Is this a bi-directional interface? Where will security be maintained for this information access?

AnswerQ21: Data will be accessed from the MPD Data Warehouse

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22. **Section 4.2.4 Homeland Security Emergency Management and Section 4.2.4.1 WebEOC system integration** with the ability to auto fill APPLICATION form fields upon user approval: What is the workflow envisioned for interacting with the CAD system? Is this a bi-directional interface? What specific actions will this system want to initiate within the CAD system? What is the "application form" and what information should be auto filled? Where is the auto fill information sourced from? For example, if data is pumped to a message bus (i.e., Biztalk), in an XML format, is that sufficient for the new application to "auto fill" with? Is the Intergraph CAD system the only CAD system?

AnswerQ22: Intergraph CAD is the only CAD system.

23. **Section 4.2.4.2 Roam Secure Alert Network (RSAN) paging system:** Is this publishing data from the CAD system on which recipients were paged? Does the RSAN paging system have an API? Is this the same as the AMS, or a subset or component functionality? Please define the workflow envisioned for interacting with this system. Is this a bi-directional interface? Where will security be maintained for this information access?

AnswerQ23: See answer to question 49.

24. **Section 4.2 Seamless integration with legacy systems:** Are there any other / additional data sources other than those referenced? If so, what form and format are they in? Will data be provided in an open format and is it location based data? Who owns this data and is technical support available?

AnswerQ24: Not applicable to this requirement.

25. **Section 4.3 Field Observation / Suspicious Activity Reporting (SARS) Module:** Will the District provide more detail on the requirements for SARS? What are the various objectives for this module? What do you envision the various sources to be? Is this envisioned as being fed by multiple applications or an interface used by the general public or public safety or other systems? Is this event creation in the AMS? Does all target data identified currently reside in a database? Particularly SARS and Beat Book data?

AnswerQ25: Data is an open format & MPD owns the data.

26. **Section 4.3.1 Describe suspicious activity:** Is this coming from public sources or other legacy systems such as CAD?

AnswerQ26: Data is an open format & MPD owns the data

27. **Section 4.3.2 Attach digital visuals (photographs and video):** Does this data come from citizens making a 911 call, or to a separate AMS number?

AnswerQ27: Sourced backed to 911 calls.

28. **Section 4.4 Beat Book Module:** Please describe this application in more detail. Does this application exist today? Is there a workflow diagram describing the process to be utilized in this application? Vendor would expect that the geospatial beat information would be imported from the CAD system and that this information would be used in reporting, etc., is that a correct assessment?

AnswerQ28: Yes.

29. **Section 4.5 Ability to support future seamless CCTV camera integration and control from APPLICATION:** Please describe the level of 'integration' required. Is this a view only? Please describe the workflow envisioned for this application. Does control imply the control of the camera or the ability to choose a camera? Does this AMS application supersede the ownership of the CCTV cameras from CAD?

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AnswerQ29: No.

30. **Section 4.6.1 Virtual Command Center Management:** Is there a more detailed description of this component? How does this component relate to the functions describe in sections 4.1 through 4.5? Does this imply event creation, unit disposition, messaging, etc? Is it a request for service to the CAD system, or is it control of the service?

AnswerQ30: Data will be sourced to CAD.

31. **Section 4.6.2 Crime Analysis and Investigation Management:** Is there a more detailed description of this component? How does this component relate to the functions describe in sections 4.1 through 4.5?

AnswerQ31: CAD Crime Types

32. **Section 4.6.3 Intelligence Reporting and Metrics and Section 4.6.3.1:** This module will allow the customer the ability to manage scheduled/planned events through a common interface that will allow visibility via a mapping presentation layer (i.e. Google, ESRI) of the various incidents and events. The information shall be populated real-time or near real-time. Can the vendor assume that the module (described in 4.6.3.1 above) has "subscribed" to data that has been "published" by CAD?

AnswerQ32: Yes.

33. **Section 4.6.3 Intelligence Reporting and Metrics and Section 4.6.3.2:** This module shall allow the customer the ability to interact with field units seamlessly and allow the field units to be able to update the system remotely with information collected in reference to the various incidents and events. Is this a request to actually manipulate the units? Please define in detail what is meant by "the ability to interact with field units." Will this system 'own' the events and manage responses to these events or will that activity be 'owned' by the CAD system? Will these events need to be coordinated with the CAD system?

AnswerQ33: Yes.

34. **Section 4.6.3:** Who is being referred to as the "Customer?" Field people or centrally located people?

AnswerQ34: Centrally located.

35. **Section 4.6.3.5:** What are the data sources and through what interfaces, if any, will interface be needed?

AnswerQ35: Interfaces with CAD system.

36. **Section 4.6.3 Intelligence Reporting and Metrics and Section 4.6.3.5:** This module must allow for the customer to analyze current data that has been input through the system's various GUIs as well as be able to integrate with existing data sources external to the system. What kind of data is required for input to the intelligence reporting and metrics module? Is it only to visualize TV stations or weather forecasts or is it intended to integrate additional data sources for combination and analysis with local sources?

AnswerQ36: Primarily to interface with the CAD system

37. Is there a requirement to update the data in the source systems dynamically? If so, will the supporting business owners support this and have an infrastructure in place (API/Web services) to facilitate this?

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AnswerQ37: Yes.

38. The SOW calls for "real-time or near real-time" reporting and metrics. Assuming data is maintained in a data warehouse please specify data refresh rate for near real-time data access or is it to be assumed that the live systems will be used or a new dynamic system access layer will be enabled?

AnswerQ38: Additional data is maintained in the MPD Data Warehouse

39. The AMS requirements appear to be report centric and based primarily on data from CAD is this correct?

AnswerQ39: Yes.

40. What spatial data needs to be presented on the map and what spatial formats or spatial attributes (coordinates) and live data feeds will be provided? Do these datasets need to be refreshed in real-time?

AnswerQ39: near real time.

41. "CAD to CAD" is mentioned in 3 sections: Section 1.0 – "Facilitate Computer Aided Dispatch (CAD) CAD to CAD information sharing" Sections 5.1 and F.1 – "The application must be implemented a capable of CAD to CAD data exchange by March 31, 2010." It is not mentioned in the technical requirements Section, 4.0. Please provide additional information as to the requirements for CAD to CAD data exchange.

AnswerQ41: COTS Application must support importing of CAD data and visual displaying in mapping component.

42. Please describe architecture of existing MPD AMS module and what components are available for re-use.

AnswerQ42: See answer to question number 49

43. Please provide additional clarification for the following technical requirements sections:
4.1.2 Operations management
4.6.1 Virtual Command Center Management
4.6.2 Crime Analysis and Investigation Management

AnswerQ43: See answer to question number 49.

44. RFP states "District reserves the right to interview and otherwise verify qualifications of proposed contractor staff and reject proposed candidates who do not meet District's requirements." What are labor category requirements?

AnswerQ44: Program Manager, System Integration, and Application Developer.

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45. The services being provided under this RFP do not qualify under the Services Contract Act. Request this clause be removed.

AnswerQ45: The Service Contract Act requirement is hereby removed from solicitation DCTO-2009-R-0164, Attachment J.1.1, Wage Determination is also deleted.

46. Section H.5 - Is this clause applicable if we are staffing the contract day 1 with our current labor force? Is this clause only applicable if, during contract execution, we need to hire for a new position or replacement position?

AnswerQ46: Yes, this clause applies if a position becomes available during the administration of the contract; you should consider hiring from the District first.

47. Please define the rate of liquidated damages?

AnswerQ47: The Liquidated Damages is being set at \$750.00 a day for actual damages to the District.

48. Performance Bonds. Performance Bonds are typically used in construction.

AnswerQ48: The performance bond requirement is hereby deleted from this solicitation.

- 49: Who was the original contractor that performed this work? What company provided any prototype equipment currently in use by the MPD? Who delivered existing solutions like the web-enabled system, the AMS system etc? How are these systems built? How are they maintained?

Answers49:

1. Prototype designed by TransGlobal Business Systems Largo, MD
2. AMS was designed by Yellow House Associates, Washington, DC

50. When was the work completed?

AnswerQ50: Answer: AMS work was completed September 2008

51. Under technical content/ requirements, Section B,
o **"Multi-jurisdictional crime/incident analysis".**

- What is meant/included in this?

AnswerQ51a: Ability to host application with multiple jurisdictions.

- What jurisdictions are we talking about?

AnswerQ51b: National Capitol Region (NCR)

- What type of analysis is required, and to what depth?

AnswerQ51c: Ability of product to search multiple data tables for data within an expandable radius of a selected location or incident/event and/or a user defined area. Ability to view results on map with legend and user ability to de-select items from view to assist with analysis. Option to export results to MS Excel.

- o "Seamless integration to agency legacy systems"

- What is expected as seamless?

AnswerQ51d: Ability to export data to legacy systems and to use legacy system data for analytical purposes within this product.

- What agency legacy systems and type of numbers is MPD looking to have integrated ?

AnswerQ51f:

1. Criminal Justice Information System (CJIS) arrest data.
2. Record Management System (RMS) data

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- a. UCR Crimes
- b. Arrest and contact data
 - What info to exchange?

AnswerQ51g: Calls for Police Service

- How to collaborate?

AnswerQ51h:

1. Entry of incidents/events by other agencies into system.
2. Ticker tape notification from agencies (data stored for historical reference)
3. Discussion board
4. Live Chat
5. Command Plan of Action
 - a. Agencies command centers can join and view command activations based on user permissions.
 - b. Secure chat with ability to share CCTV cameras through legacy systems.
 - c. Reporting of field observations with ability to attach video and digital information.

52: Under technical content/ requirements, Section C,

- o Other systems that shall be integrated:
 - What info will they exchange (to/from)?

AnswerQ52a: Video files, CCTV, Digital files, camera feeds

- What type of collaboration is expected there to be with the systems?
- Systems:

- Homeland Security (HS) Emergency Management Agency (EMA)

AnswerQ52b: Common operating picture, ability to share a controlled view (GIS), Timeline (based on user/agency permissions) Field observations, CCTV Camera feeds and footage, digital photos and files

- Roam Secure Alert Network (RSAN) paging system

AnswerQ52c: Integration to allow on the fly paging to RSAN groups from information in this system (i.e., field observations, narratives, etc.)

- Web EOC applications

AnswerQ52d: Ability to flag entries to co-populate WebEOC incident bulletin boards.

- other MPD applications

AnswerQ52e: Previously answered

- WALES/NCIC inquiries

AnswerQ52f: Through E-Agent Application

- Intergraph CAD (Computer Aided Dispatch) with ability to auto fill APPLICATION form fields upon user approval.

AnswerQ52g: Ability to populate fields from existing data from CAD

- Crime Justice Information System arrest data

AnswerQ52h: Ability to view suspect personal information, photographs and arrest history

- Other systems not mentioned in the RFP:
 - GPS positioning

AnswerQ52i: Ability to link to GPS subscription services providing real-time GPS tracking coordinates by GPS device.

- Communication with mobile units (vehicles, bikes etc)

AnswerQ52j: Mobile display consoles, laptops and PDA devices

- CCTV system (future according to RFP). Could/should it be included as an option?

AnswerQ52k: Yes, please include

- Alarm systems

AnswerQ52l: No

- Access control systems

AnswerQ52m: Yes, include as option

- Crime investigation systems

AnswerQ52n: RMS

- Administrative systems/tools

AnswerQ52o: RMS

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- Crime analysis and Investigation Management.
 - What is included in this?

AnswerQ52p: Hot spot polygon creation with ability to track incidents/events (automatically) occurring within these areas. Ability to describe these areas and label their status.

- Interfaces to what other system(s)

AnswerQ52q: RMS

- Hardware:
 - It is understood that all central computer equipment is GFE, including operator devices, servers, etc. How about mobile field units? Would these be considered GFE equipment?

AnswerQ52r: This will be addressed at negotiations.

- Interaction with field units:
 - Is it assumed that the field units shall be included in the proposal or are they GFE? If so how are they interfaced?

AnswerQ52s: This will be addressed at negotiations.

- Handling of all infrastructure:
 - Is it correct to assume office space, electricity, networks, telecom (incl. mobile) cooling/heating to be GFE?
 - Bandwith on network comms?
 - Requested type(s) of mobile comms?

AnswerQ52t: This will be addressed at negotiations.

- Requirements on redundance:
 - Are there any requirements on redundant equipment, dual networks etc.?

AnswerQ52u: NO

- What are the requirements on maintenance support?
 - Any SLA level, MTBF figures etc?
 - On site support or via internet?

AnswerQ52v: This will be addressed at negotiations.