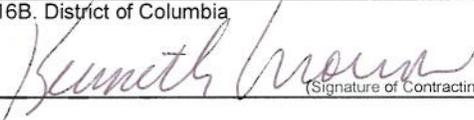
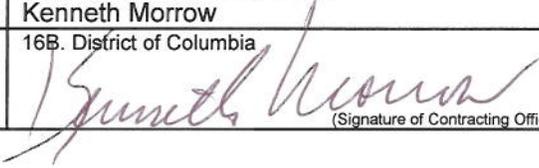


|  |                   |  |  |                  |   |
|--|-------------------|--|--|------------------|---|
| <b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>  |                   |  | 1. Contract Number   | Page of Pages    |   |
|  |                   |  |  | 1                | 1 |
| 2. Amendment/Modification Number   | 3. Effective Date | 4. Requisition/Purchase Request No.  | 5. Solicitation Caption  |                  |   |
| Amendment A0001  | August 14, 2008   |  | Data Warehouse Design Software Purchase  |                  |   |
| 6. Issued by:  |                   | Code   | 7. Administered by (If other than line 6)  |                  |   |
| Office of Contracting and Procurement<br>Office of the Chief Technology Officer<br>441 4 <sup>th</sup> Street, N.W., Suite 971N<br>Washington, D.C. 20001  |                   |  | Office of the Chief Technology Officer<br>Telecommunications<br>441 4 <sup>th</sup> Street, N.W.<br>Washington, D.C. 20001 |                  |   |
| 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-2008-Q-00260  |                  |   |
|  |                   |  | 9B. Dated (See Item 11)  |                  |   |
|  |                   |  | July 25, 2008  |                  |   |
|  |                   |  | 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)<br>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<br>Change Clause, 27 DCMR 2005.6(d) as amended   |                   |  |  |                  |   |
| D. Other (Specify type of modification and authority)  |                   |  |  |                  |   |
| <b>E. IMPORTANT:</b> 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.)  |                   |  |  |                  |   |
| The closing time and date is changed to 2:00pm, August 26, 2008.   |                   |  |  |                  |   |
| 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 |   |
| (Signature of person authorized to sign)   |                   |  |  | 8/14/08          |   |
|  |                   | (Signature of Contracting Officer)   |  |                  |   |

|  |  |                   |  |  |   |   |  |
|--|--|-------------------|--|--|---|---|--|
| <b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>  |  |                   | 1. Contract Number   |  | Page of Pages                             |   |  |
|  |  |                   |  |  | 1   5                                     |   |  |
| 2. Amendment/Modification Number   |  | 3. Effective Date |  | 4. Requisition/Purchase Request No.  |   | 5. Solicitation Caption                 |  |
| Amendment A0002  |  | August 19, 2008   |  |  |   | Data Warehouse Design Software Purchase |  |
| 6. Issued by:  |  |                   | 7. Administered by (If other than line 6)  |  |   |   |  |
| Code   |  |                   |  |  |   |   |  |
| Office of Contracting and Procurement<br>Office of the Chief Technology Officer<br>441 4 <sup>th</sup> Street, N.W., Suite 971N<br>Washington, D.C. 20001  |  |                   | Office of the Chief Technology Officer<br>Telecommunications<br>441 4 <sup>th</sup> Street, N.W.<br>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-Q-00260                       |   |  |
|  |  |                   |  |  | 9B. Dated (See Item 11)                   |   |  |
|  |  |                   |  |  | July 25, 2008                             |   |  |
|  |  |                   |  |  | 10A. Modification of Contractor/Order No. |   |  |
| Code   |  |                   |  |  | 10B. Dated (See Item 13)                  |   |  |
| 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 type="checkbox"/> is extended. <input checked="" 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 CONTRACTS/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)<br>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<br>Change Clause, 27 DCMR 2005.6(d) as amended   |  |                   |  |  |   |   |  |
| D. Other (Specify type of modification and authority)  |  |                   |  |  |   |   |  |
| <b>E. IMPORTANT:</b> 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.)  |  |                   |  |  |   |   |  |
| 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   |   |   |  |
|  |  |                   |  | Kenneth Morrow   |   |   |  |
| 15B. Name of Contractor  |  | 15C. Date Signed  |  | 16B. District of Columbia  |   | 16C. Date Signed                        |  |
|  |  |                   |  |  |   | 8/19/08                                 |  |
| (Signature of person authorized to sign)   |  |                   |  | (Signature of Contracting Officer)   |   |   |  |

1. Question – Does the District of Columbia Metropolitan Police Department expect technical responses for each of the requirements detailed in Section 2, Requirements/Deliverables for the Extract, Transform, and Load (ETL) Program? If technical responses are desired, should the requirements be detailed line-by-line?

Response: Yes, that would be very helpful. And yes, please detail them line-by-line, listing the associated section number for each.

2. Question - Will the District of Columbia Metropolitan Police Department allow a response to Section 2, Requirements/Deliverables for the Extract, Transform, and Load (ETL) Program, separate and distinct from Section 3, Requirements/Deliverables for the Business Intelligence (BI) System (i.e., can a responder to this RFQ address only the ETL portion of the requirements without addressing the BI portion of the requirements)?

Response: No.

3. Question - What Operating System will you be running the Informatica Server on?

Response: MPD is currently procuring the ETL tool, so a decision has not been made on which software will be used. Regardless, the operating system will be Windows Server 2003, moving to 2008 at some later date.

4. Question - How many cores will be on this system? ie, 2 cpus with 4 cores on each cpu is equal to 8 cores.

Response: Eight (8) cores. The system will have quad processors running a duo core.

5. Question: Will the Operating System be 32 bit or 64 bit? If using 64 bit OS, what chipset will be used i.e., Opteron, Itanium, PA-RISC.

Response: *IF more than 4 GBs of memory are involved, the OS would need to be 64 bit.*

6. Question - Can you be more specific regarding the access semi-structured data ie will the system need to access semi-structured data such as EDI messages, HIPAA messages, and/or HL7 messages?

Response: The system will not be supporting HL7 or HIPPA standards. We will be supporting structured data in a varied of formats.

7. Question - For the mainframe access, how many MIPS is the mainframe rated for?

Response: The mainframe is shared, and MPD has been allocated 18 MIPS for its LPAR.

8. Question - You mention IMS, VSAM, IDMS, and ADABAS as the mainframe legacy systems which will need to be accessed. Is this the total list of mainframe sources or are there any others?

Response: No, there will also be some DB2-formatted data.

9. Question - Will all of these mainframe sources need real-time and change data capture support?

Response: The data will need to be real-time for a number of apps initially and then in an archive mode shortly thereafter.

10. Question - What is the definition of Information Exchange Matrix on bullet 2.1.17?

Response: Information Exchange Matrix is a matrix of data characteristics/meta data used to facilitate the exchange of data from a data source to a target database.

11. Question - In paragraph 4 on page 11 it states "vendor shall identify the ongoing maintenance charges of all third-party products (including OS) included in the proposal". The only other mention of OS in the overall document can be found on bullet point 2.8.7: Ensure ability to run on Windows, Linux and Unix. How is the vendor to know which OS will be used by MPD for the different software solutions?

Response: MPD is a Microsoft-centric environment, so as we would prefer Windows, we are not opposed to Linux.

12. Question - As per our discussions we would like to submit the following questions that we would like clarified and relate to the SOW:

In paragraph, 2.1.8 -- support metadata analysis/reporting.....which metadata is the writer referring to here?

Response: Metadata of all the legacy systems that will be incorporated into the Data Warehouse (e.g., arrest data, case management data, etc.)

13. Question - In paragraph 2.1.10 -- what meant by semi-structured data ?

Response: MPD has over 100 databases, and they are built in multiple systems, from Microsoft Word to Cobol to SQL server. Most of MPD's data is structured. Sometimes, the same data may be stored in a structured format (e.g., access) as well as an unstructured format (MS Word). Records in a semi-structured database are stored with unique IDs that are referenced with pointers to their location on disk. For example, web pages follow certain typical forms, and content embedded within HTML often have some degree of metadata within the tags. While there is no strict formatting rule, there is enough regularity that some interesting information can be extracted. Often, the interesting knowledge involves entity identification and entity relationships.

14. Question -- In paragraph 2.2.4 -- develop architecture for metadata repos access -- what specifically does this mean just provide the searchable repository or something more?

Response: MPD is expecting the chosen software to include tools that create a standard format for all metadata that is both searchable and comprehensive for each of the legacy systems being migrated into the Data Warehouse. For instance, the metadata architecture should include information on all the reporting idiosyncrasies of each system, software upgrade dates, etc., for each data source.

15. Question – In paragraph 2.3.11 – pre-built metrics and change in content ?? Which metrics specifically and could you please clarify what change you envision in the content could you define via an example

Response: One example is a report MPD runs each morning of the number of crimes that were reported the previous 24 hours, in which case the metric relates to the number of crimes reported. The BI tool should include a dashboard tool that allows members to run this report each day by say, 0700 hours. The tool needs to accommodate content changes, such as running the report by police district rather than citywide.

16. Question – In paragraph 2.4.11 -- interface with q/a to legacy source? what is meant here, edits? real-time profiling?

Response: MPD is expecting the chosen software to include tried and tested data cleansing tools to ensure accuracy of the data before it is extracted. For instance, many of MPD's databases may include different age information for the same suspect. The software will identify these discrepancies and recommend a final version based on the frequency of values in the different databases and logic from other related fields (e.g., date of birth).

17. Question – In paragraph 2.5.6 -- Do you mean profiling here?

Response: Yes, the software should create a profile of each source system before beginning the ETL process.

18. Question – In paragraph 3.1.4 Facilitate integration with existing IT infrastructure by accessing any data source and aggregating all BI under a semantic layer :Please provide existing IT infrastructure?

Response: Current MPD IT infrastructure supports approximately 38 locations across Washington, DC. HQ connectivity has a 1000bt Fiber backbone, with 100bt connections to the Clients. Other locations are generally connected via T1's back to MPD via Frame Relay with some locations upgraded to use DCNET's Fiber Ring. MPD's internet connection is approximately a T3 speed.

19. Question – In paragraph 3.1.5 Provide the capability to embed BI in any application or process in any environment: Please provide examples of processes/application that would embed BI?

Response: One example of a process would be a tool embedded within the crime analysis application that filters data based on particular criteria, such as all robberies involving taxi cabs. Another more general example would be to screen stop/contact data for potential threats that would be of use to the homeland security team.

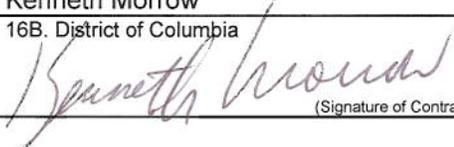
20. Question – In paragraph 3.10 The following are the requirements for the Security portion of the BI System: Is there a security model in place at MPD that the BI system would be required to interface with (i.e. LDAP, AD)?

Response: Yes, MPD uses Active Directory.

21. Question - In paragraph 3.4.6 Provide an integrity manager data validation tool to automatically compare and verify the consistency of reports as changes are made within the BI system. could you please elaborate on this via an example?

Response: MPD currently publishes data via several mechanisms (a mapping web site available to the public; a crime report available each morning just to command staff, an RSS feed from the Office of City Administrator's web site, etc.) The Department often encounters discrepancies among the results from these systems depending on the date the query was run. The BI tool should identify discrepancies that affect the integrity of the data in circumstances such as these. In other words, the software must recognize deltas and push them across.

|  |                   |                                     |  |   |   |
|--|-------------------|-------------------------------------|--|---|---|
| <b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>  |                   |                                     | 1. Contract Number   | Page of Pages                             |   |
|  |                   |                                     |  | 1   | 1 |
| 2. Amendment/Modification Number   | 3. Effective Date | 4. Requisition/Purchase Request No. | 5. Solicitation Caption  |   |   |
| Amendment A0003  | August 21, 2008   |                                     | Data Warehouse Design Software Purchase  |   |   |
| 6. Issued by:  |                   | Code                                | 7. Administered by (If other than line 6)  |   |   |
| Office of Contracting and Procurement<br>Office of the Chief Technology Officer<br>441 4 <sup>th</sup> Street, N.W., Suite 971N<br>Washington, D.C. 20001  |                   |                                     | Office of the Chief Technology Officer<br>Telecommunications<br>441 4 <sup>th</sup> Street, N.W.<br>Washington, D.C. 20001 |   |   |
| 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-2008-Q-0260                          |   |
|  |                   |                                     |  | 9B. Dated (See Item 11)                   |   |
|  |                   |                                     |  | July 25, 2008                             |   |
|  |                   |                                     |  | 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)<br>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<br>Change Clause, 27 DCMR 2005.6(d) as amended   |                   |                                     |  |   |   |
| D. Other (Specify type of modification and authority)  |                   |                                     |  |   |   |
| <b>E. IMPORTANT:</b> 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.)  |                   |                                     |  |   |   |
| The closing time and date are changed to 2:00pm, August 29, 2008.  |                   |                                     |  |   |   |
| 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                          |   |
| (Signature of person authorized to sign)   |                   | <i>Kenneth Morrow</i>               |  | 8/21/08                                   |   |
|  |                   | (Signature of Contracting Officer)  |  |   |   |

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>  |                                      | 1. Contract Number  | Page of Pages  |   |
|  |                                      |   | 1  | 5 |
| 2. Amendment/Modification Number<br>Amendment A0004  | 3. Effective Date<br>August 25, 2008 | 4. Requisition/Purchase Request No.   | 5. Solicitation Caption<br>Data Warehouse Design Software Purchase |   |
| 6. Issued by:<br>Office of Contracting and Procurement<br>Office of the Chief Technology Officer<br>441 4 <sup>th</sup> Street, N.W., Suite 971N<br>Washington, D.C. 20001   |                                      | 7. Administered by (If other than line 6)<br>Office of the Chief Technology Officer<br>Telecommunications<br>441 4 <sup>th</sup> Street, N.W.<br>Washington, D.C. 20001 |  |   |
| 8. Name and Address of Contractor (No. street, city, county, state and zip code)<br><br>TO ALL PROSPECTIVE OFFERORS  |                                      | X   | 9A. Amendment of Solicitation No.<br>DCTO-2008-Q-0260              |   |
| Code _____ Facility _____  |                                      |   | 9B. Dated (See Item 11)<br>July 25, 2008                           |   |
|  |                                      |   | 10A. Modification of Contractor/Order No.                          |   |
|  |                                      |   | 10B. Dated (See Item 13)   |   |
| 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 type="checkbox"/> is extended. <input checked="" 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. |                                      |   |  |   |
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| D. Other (Specify type of modification and authority)  |                                      |   |  |   |
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| 14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)<br><br>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<br>Kenneth Morrow  |  |   |
| 15B. Name of Contractor  | 15C. Date Signed                     | 16B. District of Columbia   | 16C. Date Signed   |   |
| (Signature of person authorized to sign)   |                                      |   | 8/25/08  |   |
|  |                                      | (Signature of Contracting Officer)  |  |   |

1. What Operating System will you be running the Informatica Server on?

*Answer Q1. MPD is currently procuring the ETL tool, so a decision has not been made on which software will be used. Regardless, the operating system will be Windows Server 2003, moving to 2008 at some later date.*

2. How many cores will be on this system? ie, 2 cpus with 4 cores on each cpu is equal to 8 cores.

*Answer Q2. Eight (8) cores. The system will have quad processors running a duo core.*

3. Will the Operating System be 32 bit or 64 bit?

*Answer Q3. IF more than 4 GBs of memory are involved, the OS would need to be 64 bit.*

- a. If using 64 bit OS, what chipset will be used i.e., Opteron, Itanium, PA-RISC.

*Answer Q3a. This would be running on Intel Xeon Processors in a windows 2003 server environment with a migration path to 2008.*

4. Can you be more specific regarding the access semi-structured data ie will the system need to access semi-structured data such as EDI messages, HIPAA messages, and/or HL7 messages?

*Answer Q4. The system will not be supporting HL7 or HIPPA standards. We will be supporting data in a variety of formats. Most of our data is structured.*

5. For the mainframe access, how many MIPS is the mainframe rated for?

*Answer Q5. The mainframe is shared, and MPD has been allocated 18 MIPS for its LPAR.*

6. You mention IMS, VSAM, IDMS, and ADABAS as the mainframe legacy systems which will need to be accessed.

- a. Is this the total list of mainframe sources or are there any others?

*Answer Q6a. No, there will also be some DB2-formatted data.*

- b. Will all of these mainframe sources need real-time and change data capture support?

*Answer Q6b. The data will need to be real-time for a number of apps initially and then in an archive mode shortly thereafter.*

***Additional questions sent by OCP on 8/20/2008***

1. It is our understanding that the Data Warehouse requirements are being built upon Oracle 10G Database- is this correct?

*Answer Q1. MPD is currently making this decision. The answers provided to vendor's questions previously may provide assistance also.*

2. It is also our understanding that MPD is asking for the Oracle Data Mining and Oracle Partitioning Options- is that correct?

*Answer Q2. Oracle should feel free to include these tools in its quote if they will satisfy the requirements.*

3. Can an additional section be added to the SOW for the Oracle Data Mining and Oracle Partitioning Options?

*Answer Q3. No, since vendors may want to bid tools other than Oracle depending on their own preferences.*

4. The Business Intelligence Tools are to be built upon Oracle 10g- is that correct?

*Answer Q4. Again, MPD is in the process of procuring the Business Intelligence Tools, so this decision has not yet been made.*

5. In responding to the statement of work are you requesting a summary of the solution we provide or are you requesting details description for each section (description following each requirement. 2.1, 2.1.1, 2.1.2...)

*Answer Q5. MPD would prefer to receive short descriptions for each line-itemed requirement.*

6. What is the definition of data profiling? Please provide clarification and definition.

*Answer Q6. Creating a profile or comprehensive description of each data source before beginning the Extract/Transform/Load process.*

7. 2.4.8 What are Metaphone algorithms? Please provide an example.

*Answer Q7. A metaphone algorithm is an alternative to Soundex. It is considered to be more accurate because of its understanding of the rules of the English language.*

8. 2.10.2 What is grid computing?

*Answer Q8. Grid computer refers to one large computer sits atop a cluster of networked computers working together to perform very large tasks.*

9. 2.1.13 Support division of data processing into subsets for parallel operation. Please provide clarification and an example.

*Answer Q9. An example and explanation will be provided upon award.*

10. 2.1.15 Provide visual controls for range of partition schemes.

*Answer Q10. An example and explanation will be provided upon award.*

11. 2.1.16 How is “pipeline partitioning” defined?

*Answer Q11. An example and explanation will be provided upon award.*

12. 2.1.17 What is “Information Exchange” matrix?

*Answer Q12. Information Exchange Matrix is a matrix of data characteristics/meta data used to facilitate the exchange of data from a data source to a target database.*

13. 2.3.1 Search and profile data from any source. Please provide an example.

*Answer Q13. The tool should allow profiling of data (see answer to Q6 above) from any of the priority data sources (e.g., the arrest and booking data).*

14. 2.3.2 Extract accurate profile information from source systems. Please provide an example.

*Answer Q14. See answers to Q6 and Q13 above.*

15. 2.3.3 Record information on content, quality, and structure understanding. Please provide clarification on this requirement.

*Answer Q15. The profile of each data source should include metadata on what fields are represented, how accurate the data is and the design of the database. This is a critical requirement to a successful ETL operation.*

16. 2.3.6 Deploy profiling tools quickly using wizards. Please provide a clarification.

*Answer Q16. The data profiling function of the ETL tool should use wizards to make its processes more efficient.*

17. 2.8.10 Deliver data to consumer applications in the correct form, with appropriate semantics, through webs services hub. What is an example of the correct form with appropriate semantics?

*Answer Q17. An example and explanation will be provided upon award.*

18. 2.8.12 Provide Java transformations to support. Please provide an example.

*Answer Q18. An example and explanation will be provided upon award.*

19. 2.8.13 Import, create and debug Java-based transformations.

*Answer Q19. An example and explanation will be provided upon award.*

20. 2.8.16 Support partitioning. What is the definition of partitioning?

*Answer Q20 Separating portions of the databases into smaller sections to make their processing more efficient.*

21. 2.8.17 Pushdown optimization. What is the definition of pushdown optimization?

*Answer Q21. An example and explanation will be provided upon award.*

22. 3.1.5 Provide the capability to embed BI in any application or process in any environment. Please provide an example.

*Answer Q22. For example, MPD detectives may want our developers to build a report on the number of cases their investigators close each month and by member name.*

23. 3.10.2 Include a sophisticated security module that controls all vendor-supplied applications forms, reports, interfaces, and other input or output mechanisms. Please provide an example.

*Answer Q23. Using the same example above, MPD detectives may want to restrict access to this report to just users designated as detective supervisors.*