

**PROCUREMENT DEPARTMENT**  
Rm. 120 Municipal Services Building  
Philadelphia, PA 19102-1685  
FAX: (215) 686-4716

# CITY OF PHILADELPHIA

Hugh Ortman  
Procurement Commissioner

December 23, 2010

**BID NUMBER:** S1XW9180  
**TITLE:** Purchase of Liquid Chromatograph and Triple Quadrupole Mass Spectrometer System and Support Service  
**DEPARTMENT:** WATER DEPARTMENT  
**DATE TO OPEN:** December 29, 2010 at 10:30 AM

## ADDENDUM # 1

### TO ALL BIDDERS:

**You are hereby notified of the following changes to the above mentioned bid:**

**The opening date for Bid No. S1XW9180 (December 29, 2010) has been cancelled. The new opening date for Bid No. S1XL9180 will be January 4, 2011 at 10:30 AM.**

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

\_\_\_\_\_  
Buyer, T. Vinson

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
FIRM NAME (PRINT)

\_\_\_\_\_  
DATE

TV/cs

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Rm 120 Municipal Services Building  
Philadelphia, PA 19102-1685  
FAX: (215) 686-4716

# CITY OF PHILADELPHIA

Hugh Ortman  
Procurement Commissioner

December 31, 2010

**BID NUMBER:** S1XW9180  
**TITLE:** Purchase of Liquid Chromatograph and Triple Quadrupole Mass Spectrometer System and Support Service  
**DEPARTMENT:** WATER DEPARTMENT  
**DATE TO OPEN:** January 04, 2011 at 10:30 AM

## ADDENDUM # 2

**TO ALL BIDDERS:**

**You are hereby notified of the following changes to the above mentioned bid:**

**Subject Bid No. S1XW9180 is hereby scheduled to open on Tuesday, January 11, 2011.**

**The City reserves the right not to accept any additional questions for subject Bid No. S1XW9180 at this time.**

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

\_\_\_\_\_  
Buyer, T. Vinson

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
FIRM NAME (PRINT)

\_\_\_\_\_  
DATE

TV/mv  
Attachment

**Bid Number S1XW9180**  
**Purchase of Liquid Chromatograph & Quadrupole Mass Spectrometer**  
**(LC/MS/MS) System & Support Services**  
**Questions and Answers**

**Question #1**

What exactly does the City want to do with the Quaternary Pumping System? Does the City want to switch between up to 4 different solvents for Binary gradients?

**Answer:**

*Yes, the City wants to have the capability to switch between 4 different solvents, to produce a 2 or 3 component gradient.*

**Question #2**

Please specify how many days of onsite support is needed.

**Answer:**

*The number of days on site training can vary by the complexity of each system. However, the allotted time must be sufficient for the City to operate the system independently i.e., set up method, sequence, acquisition and final report. This time should be in addition to the time required for installation and set-up.*

**Question #3**

Is it the City's intent to purchase in multiple quantities over a period of time, or is this really for just one-time purchase for one instrument w/option years for maintenance?

**Answer:**

*This is a requirements contract which permits multiple purchases for the hardware (equipment), software and maintenance, if needed, by the end user during the course of the contract term; however, the initial request for this procurement would be for one (1) system and the applicable software and maintenance for the option years. Any additional requests for hardware (equipment), software and maintenance from this contract beyond the initial one would need separate purchase orders.*

**Question #4**

Our Company no longer has a Corporate Seal, will a notarized signature work?

**Answer:**

*The Corporate Seal is preferred but will not result in any repercussions if not available. Kindly indicate on the signature page that the seal is unavailable. As long as the designated corporate officers have endorsed the signature page (President or Vice-President AND Secretary, Assistant Secretary, Treasurer or Assistant Treasurer, it will be accepted. If a signatory holds any other title besides those mentioned, it must be accompanied with a duly certified corporate resolution authorizing the endorsement.*

**Question #5**

We need to have verification that the S/N spec is indeed at 4200:1 as listed on Page 10 of the Invitation and Bid and indicated below:

“ - meet sensitivity requirement of ESI in MRM mode on m/z ratio 609/195 on 5uL injection of 1pg/uL reserpine with S/N ratio >4200:1”

**Answer:**

*Yes, the S/N of 4200:1 is the target for the instrument. The City expects the vendor to come as practically close to this specification as possible.*

**Question #6**

The specs set forth in the bid appear to be really lock-out specs for a specific vendor and this should have been done through sole source. If our company has an instrument that is lower priced, will meet all the specifications for the EPA methodology and not necessarily the individual specs listed in the document would this be given due consideration or would we just be wasting our time and resources to put in a formal bid?

**Answer:**

*The item requested is not a proprietary item but a preferred one for the end user. Although there is no alternate language within the bid document, the line item in the bid document for the equipment clearly permits the potential for a variety of manufacturers and models (pg. 18, paragraph 5.1.1). As long as your submission meets specs, it will be considered.*

**Question #7**

Does the requested system have to be a current manufactured and deliverable product, with systems now performing in the field, at the time of the requested bid proposal?

***Answer:***

*Yes.*

### **Question #8**

Wider mass range typically reduces sensitivity: What is the mass range for these types of environmental compounds / contaminants (that are to be analyzed) that requires a Mass Spectrometer to have an upper mass range of 2800amu?

***Answer:***

*The Philadelphia Water Department has interest in a number of applications outside pesticides and herbicides which necessitate a relatively high mass range.*

### **Question #9**

With regard to the reserpine signal to noise specification: What concentration of material / compounds does the mass spectrometer need to quantitate? This would seem to be a more pertinent specification.

***Answer:***

*1 ppb reserpine standard. This specification is a **target** for the instrument. The City expects the vendor to come as practically close to this specification as possible.*

### **Question #10**

What is the linear dynamic range of the source in combination with the mass spectrometer and detector required for the compounds? A dynamic range of 1 counts per second to 4,000,000 counts per second seems to be an arbitrary number and does not really address the total system performance.

***Answer:***

*The linear dynamic range referenced is a **target**. The Philadelphia Water Department expects an instrument linear dynamic range of at least **4** orders of magnitude for the mass range up to and including 3000 Da.*

**Question #11**

With regard to the HPLC: We are unaware of any HPLC system which meets the flow rate range and pressure requirements of a quaternary pumping system along with and injector RSD specification of 0.1%. Is this an accurate specification for an HPLC?

***Answer:***

*This specification is a **target** for the HPLC. The City expects the vendor to come as practically close to this specification as possible.*