

**Addendum to the Bid Document No: 034/C/WBPCB/WB-CBIPMP  
dated 19/12/2012  
for Laboratory Equipment under CBIPMP**

Although in the minutes of pre-bid meeting it was mentioned that “a revised bid document will be uploaded in the web site after this meeting and bidders shall submit their bids according to the revised bid document”, the following will be considered as an integral part of the bidding document.

<b>Questions Raised during pre-bid meeting</b>		<b>Clarifications from Client(WBPCB)</b>
<b>1.</b>	The mass range for GC-MSMS may be changed to 10 to 1000.	Noted for consideration. Mass range to be modified to 10 to 1000 amu.
<b>2.</b>	Thermal Desorption option and Purge & Trap Concentrator option to be removed from autosampler for GC-MSMS.	Noted for consideration. Thermal Desorption option and Purge & Trap Concentrator options are removed from autosampler for GC-MSMS.
<b>3.</b>	Provision for ATR (For FTIR-Spectrometer) seems missing as it is required for both solid and liquid samples	Noted for consideration. ATR (Horizontal) for both solid and liquid systems to be proposed.
<b>4.</b>	The quantifying standards for the FTIR needs be specified with NIST / EPA standard number	Noted for consideration <ol style="list-style-type: none"> <li>1. TPH in soil (Environmental Resource Association Cat. No. 632 or equivalent.</li> <li>2. TPH in soil #1 (Environmental Resource Association Cat. No. 570 or equivalent.</li> <li>3. 1. TPH in soil #2 (Environmental Resource Association Cat. No. 571 or equivalent.</li> </ol>
<b>5.</b>	XRF Instrument: Please specify if the standards required are SRM or CRM.	Noted for consideration. <ol style="list-style-type: none"> <li>1. Lead paint films for portable x-ray analysis (NIST SRM 2579a) or equivalent.</li> <li>2. XRF Calibration Standards from Micromatter for elements Chromium, Lead, Arsenic and Mercury. Standards in the range Light (15-25 micro-g/cm<sup>2</sup>), Regular (40-60 micro-g/cm<sup>2</sup>), and Heavy (80-120 micro-g/cm<sup>2</sup>) are to be quoted.</li> </ol>
<b>6.</b>	XRF Instrument: The requirement for GPS data integrability may be considered to be a minor requirement.	Noted for consideration. Shall be considered as minor deviation if not provided.
<b>7.</b>	Instead of mentioning VACUUM INTERLOCK for GC-MSMS source, please mention smooth changing between EI and CI.	Noted for consideration.
<b>8.</b>	Please mention canister volumes.	Noted for consideration. <ol style="list-style-type: none"> <li>1. Canister volumes are to be of three ranges between 1 and 5 ltr approx. Total numbers are as specified in tender document. Canister cleaning system to be proposed.</li> <li>2. Grab and time averaged sampling accessories are to be supplied.</li> </ol>

		3. USEPA TO14/15 standards are to be proposed.
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Sd/-  
(Ujjal Mukhopadhyay)

Sd/-  
(Asish Sanyal)

Sd/-  
(S.K.Khamrui)

Sd/-  
(S.P.Mukherjee)