



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)
“ Paribesh Bhavan ”

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Date:11.01.2012

Minutes of the Preproposal Meeting held on 11.01.2012 at 11.00 a.m at Paribesh Bhavan, 10A, LA-Block, Sector III, Bidhannagar, Kolkata-700098 for “Consulting Services for Assessment of Contamination and Design of Remediation Plan for five contaminated areas in the State of West Bengal” (Ref:RFP NO: .: 011/C/WBPCB/WB-CBIPMP dated 20.12.2011)

Attendance ;

i) Prospective Consultants

Present

S. Name of the consultants

N

- 1 ERM India Pvt. Ltd., Gurgaon,
- 2 Weston Solutions (India) Pvt. Ltd, Hyderabad
- 3 SENES Consultants Limited, Ontario, Canada
- 4 SNC Lavalin Infrastructure Pvt. Ltd., Noida, India
- 5 Containment Quality Associates, Cheltenham, UK,

Absent

S.N Name of the consultants

- 6 Ramky Enviro Engineers Ltd., Delhi,

ii) Client's(WBPCB) Representative:

- 1 Shri Shyamal Adhikari
- 2 Ms. Sarmistha Kundu
- 3 Shri S.P.Mukherjee
- 4 Shri Debanjan Gupta

- 5 Shri S.K.Khamrui

1) Question raised by ERM India Pvt. Ltd., Gurgaon,

Sl. No.	Question	Clarifications from Client (WBPCB)
1.	<p>Section 2.0 Instruction to Consultants, Data Sheet, Sub Section 1.4 (page 23) - “Facilitate correspondence with relevant agencies” If the relevant data and reports are available with another agency, what support will WBPCB provide to obtain the information?</p>	<p>The Board shall either write directly to the agencies or shall authorize the consultant to obtain the available information from the agencies.</p>
2.	<p>Section 2.0 Instruction to Consultants, Data Sheet, Sub Section 5.2 (page 26) - “Environmental Expert / Hazardous Waste Management Expert (1+1)” What does “(1+1)” mean? Is this referring to two separate experts for mercury and naphthalene sites, or does it indicate one expert in each category noted?</p>	<p>The consultants have to propose separate names of experts for each of the two clusters. However, the team leader may be one person.</p>
3.	<p>Section 5.0 Terms of Reference, Site Description (page 56) – “The consultant firm shall depute two expert teams to conduct detailed assessment of the following two clusters of specific industrial contaminants (mercury and naphthalene) comprising five identified contaminated areas” If ERM is has a single team undertaking work at both the clusters for logistical and cost saving reasons, would it be acceptable to WBPCB?</p>	<p>Not acceptable.</p>
4.	<p>Section 5.0 Terms of Reference, Site Description (page 56) – “The units mentioned are the suspected major source of the contaminants. Hence, the source of the principal contaminants may not be limited to these units alone” Is WBPCB looking for source identification, i.e. identify if the source could be something else than the 5 sites in question?</p>	<p>As per Step 1 of ToR the consultant is expected to identify “current sources of hazardous waste generation contributing to the pollution of the site” and the consultant should include any such findings in their reports. However, in the view of the Board, the units named in the ToR are the major source of the specified principal contaminants.</p>
5.	<p>Section 5.0 Terms of Reference, Scope of Services (page 58) – “All samples collected shall be analyzed in a Laboratory approved by WBPCB or other laboratories recognized by the Ministry of Environment & Forests, Govt. of India”</p> <p>a. Is this a requirement or a suggestion? Is using an in-country laboratory a must? Would using a foreign lab, recognized by the National Accreditation Board for Testing and Calibration Laboratories (NABL, Department</p>	<p>a. This is a requirement. In addition to MoEF & WBPCB recognized labs, the Board’s own Central Laboratory may also be available for such analysis.</p>

Sl. No.	Question	Clarifications from Client (WBPCB)
	<p>of Science and Technology) be acceptable?</p> <p>b. Are the costs borne directly by WBPCB, or is this part of our financial submission?</p> <p>c. If the samples are to be analyzed in WBPCB lab, can it handle the anticipated number of samples?</p>	<p>b. Sampling & analysis costs shall be borne by the consultant and this should be considered in the financial proposal.</p> <p>c. Yes the Board's lab will be able to handle the samples subject to workload at that time.</p>
6.	<p>Section 5.0 Terms of Reference, Scope of Services (page 58) – <i>“Based on the findings of the field investigation, the consultant should conduct a Site specific Risk Assessment (SSRA) to determine whether or not remediation is necessary and also the scope of remediation”</i></p> <p>a. Does the scope include ecological survey (flora and fauna) and social-economic survey in addition to human health risk assessment?</p> <p>b. What will the ‘ultimate land use’ be?</p> <p>c. What is the purpose of the affected population report? Please provide more detail on the content to be included in the ‘affected population report’.</p>	<p>No detailed human health study required. The risk assessment will identify present extent of contamination and future contamination potential including population at risk. The sites are to be ranked based on the future contamination (risk) potential to identify remediation priorities. Ultimate land use will be different in each of the sites though there are no known existing master plans. The extent of remediation required at each site shall be decided at a later stage after the site assessment work is completed and the consultant shall be advised accordingly.</p>
7	<p>ERM assumes the WBPCB will coordinate and provide access to potential off-Site/on-Site sampling locations for the sites. We request confirmation of the same.</p>	<p>Access shall be facilitated by WBPCB.</p>
8.	<p>2. Please provide clarification on the handling and disposal of Investigation Derived Waste (IDW). We request confirmation of the assumptions below.</p> <p>a. ERM assumes only ‘obviously’ impacted IDW will be containerized.</p> <p>b. ERM assumes WBPCB will provide containers and storage space for IDW till disposal.</p>	<p>All IDW shall be returned by the consultant to the points of generation as far as possible. In case this is not possible, the waste has to be disposed by the consultant according to its characteristics i.e. hazardous wastes shall be disposed to an authorized TSDF. WBPCB will neither provide containers and interim storage space nor arrange for disposal.</p>

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	c. ERM assumes WBPCB will arrange for disposal of IDW till disposal.	
9	Can WBPCB provide the information on how many presentations are required to the government panels through the length of the project?	As stated in ToR

2) Question raised by Weston Solutions (India) Pvt. Ltd, Hyderabad

Sl. No.	Question	Clarifications from Client (WBPCB)
1.	<p>1. What is the size of 5 Contaminated Areas?</p> <p>2. Are there any historical documents/previous investigation reports available for the 5 contaminated areas?</p> <p>3. What is the depth of groundwater at 5 contaminated areas?</p> <p>4. Should the analytical labs be NABL certified or just MoEF certified?</p> <p>5. What is the expected date of opening/evaluation of Technical Proposal?</p> <p>6. What is the expected start date of the project?</p> <p>7. What is the contract value & terms of payment for the project?</p> <p>8. The RFP we've received is marked Draft - will there be a Final issued, or shall we base our bid on this document?</p> <p>9. Can we submit multiple CVs for each position listed in the RFP?</p> <p>10. Does the WBPCB require that the SSRA (or any sub-element, i.e., the affected population report) be carried out following any particular published methodology?</p>	<p>1. Actual affected area is not known. As per Step 3 of ToR, the consultant is required to delineate the extent of contamination at each of the five sites. The consultant is required to decide on the actual area of assessment considering surface water and groundwater flow patterns, major wind flow direction, etc. to identify the impact area to the best possible extent by maximizing the sampling and analysis.</p> <p>2. At this stage, the Board does not have any structured reports for sharing with the consultants. The information provided in the ToR under "Site Description" may be considered while preparing the proposals. Soil, sediment, surface water and groundwater are all expected to be contaminated at the five sites.</p> <p>3. Depth of groundwater to be ascertained by consultant as per Steps 1 & 2 of ToR.</p> <p>4. May pl. Refer to answer provided against Q. No. 5 raised by M/s ERM.</p> <p>5. Pl. Refer to RFP documents</p>

Sl. No.	Question	Clarifications from Client (WBPCB)
	<p>11. The TOR says that we will “Impart hands on training to WBPCB officials on contaminated site assessment procedures, selection of remediation methodology and preparation of remediation plan“. What is the WBPCB’s expectation for this training?</p> <p>12. Will a presentation be required before the Project Steering Committee, the Project Implementation Unit of WBPCB and the Technical Evaluation Panel of the MoEF after each report submittal (i.e., four presentations)?</p>	<p>6. Pl. Refer to RFP documents</p> <p>7. Pl. Refer to RFP documents</p> <p>8. Pl. Ignore the word draft</p> <p>9. Multiple C.V.s not acceptable</p> <p>10. Not a requirement but proposals shall be evaluated based on proposed methodology.</p> <p>11. The consultant shall propose a training program aimed at capacity building in the Board.</p> <p>12. Yes</p>

4) Question raised by SNC Lavalin Infrastructure Pvt. Ltd., Noida, India

Sl. No.	Question	Clarifications from Client (WBPCB)
1.	Whether submission of draft final report is mandatory	Yes

5) Question raised by Containment Quality Associates, Cheltenham, UK,

Sl. No.	Question	Clarifications from Client (WBPCB)
1.	Whether a site visit can be organised	Visit to the naphthalene unit at Dankuni organised on 13.1.2012.

At end of the meeting it is clarified that before submission of bid, prospective Consultant are requested to go through all the points as clarified above.

Sd/-
(Shyamal Adhikari)

Sd/-
(Sarmistha Kundu)

Sd/-
(S.P.Mukherjee)

Sd/-
(Debanjan Gupta)

Sd/-
(S.K.Khamrui)