



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

“ Paribesh Bhavan ”

Bldg. No. 10A, Block – LA, Sector – III, Salt Lake City,
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Date: 06/02/2015

Minutes of the Pre-bid Meeting held on 27.01.2015 at 11.00 am at Paribesh Bhavan 10A, Block-LA, Sector-III, Kolkata-700098 for “Remediation/ Closure and Containment of Dhapa Municipal Dumpsite in Kolkata, West Bengal.”

(Ref: Advertisement .no-003/WBPCB/WB-CBIPMP/2014-15 dated 09.01.2015 published in Times of India (all edition) And The Hindu (all edition) and Bid Document no- NCB/51/W/WBPCB/WB-CBIPMP dt.09/01/2015)

Attendance:-

I) Prospective Bidders:-

Present:

Sr. No	Name of the Prospective bidders
1	M/s UPL Environmental Engineers Ltd., Vadodara
2	M/s Ramky Enviro Engineers Ltd
3	M/s Stratus Environmental Ltd.

ii) Client's (WBPCB) Representatives:-

1. Dr. Tapash Kr. Gupta, Chief Engineer
2. Shri S. K. Adhikari, Chief Engineer
3. Shri Arup Ratan Mukhopadhyay, Executive Engineer(on deputation from PWD, GOWB)
4. Shri D. Sarkar, Sr. Environmental Engineer
5. Shri D. Bhaumik, Project Engineer, CBIPMP
6. Shri S. Pal, Finance and Accounts Manager

iii) Consultant (COWI A/S)'s Representatives:-

1. Shri Anand Kunte.

iv) KMC's Representatives:- Absent

Request for clarification and Response / Clarifications from WBPCB

Qu ery No.	Clause of Tender	Description of Query	Response / Clarifications
1	IFB, Point 3, Pg. 5	Existing Provision for TENDER FEE submission: “Bidder must enclose along with the submission of bid documents such non - refundable fee of Rs 10,000/- (Rupees Ten Thousand Only) by Demand Draft (DD) in favour of “West Bengal Pollution Control Board” Payable at Kolkata.”, whereas in the	To clarify the Tender Fee of Rs 10,000/- to be paid in form of Demand Draft in favour of “West Bengal Pollution Control Board” only, payable at Kolkata. This needs to be submitted along with the submission of Bid Documents and is important, failing which

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		<p>same clause it is also mentioned that “Bidder can submit DD in favour of “The Member Secretary, West Bengal Pollution Control Board”.</p> <p>Query: Please clarify in whose favour we could make the DD for tender fee. We understand that we are allowed to submit the TENDER FEE during submission of tender.</p>	<p>the tender documents will be considered as rejected.</p>
2	Section 1 - ITB, Clause 4.5 (A), Pg. 13	<p>Existing Provision: To qualify for award of the contract, each bidder in its name should have in the last five years i.e., 2009-10, 2010-11, 2011-12, 2012 – 2013 and 2013-2014.</p> <p>Query: Can we consider the projects commenced before April-2009 and completed in the duration between April – 2009 to March-2010? The O&M of the projects are ongoing till the date.</p>	<p>Completed projects means the projects completed between April 2009 to March 2014. Completion Certificate mentioning the actual date of completion of project from clients end need to be produced to this effect.</p> <p>Turnover of the Prime bidder shall also be counted from financial year starting from April 2009 upto March 2014. Audited balance sheets need to be produced for Turnover Statement Proofs.</p>
3	Section 1 - ITB, Clause 4.5 A - Point (2), Pg. 14	<p>Existing Provision: 2) Satisfactorily completed, as a prime contractor, (or as JV Partner duly certified by the employer/main/prime Partner / Contractor) at least one similar work (Sanitary / Hazardous Waste Landfill facility construction / closure as per MSW Rules 2000) of value not less than Rs. 20 Crores* OR Two works of similar nature of landfill construction / closure works as per MSW Rules 2000 of minimum value of Rs 12 Crores*each.</p> <p>Query: With reference to above, we request authority to amend the criteria as “Satisfactorily completed, as a prime contractor/subcontractor (or as JV Partner duly certified by the employer/main/prime Partner / Contractor) at least one similar work (Sanitary / Hazardous Waste Landfill facility construction / closure as per MSW Rules 2000) of value not less than Rs. 20 Crores* OR Two works of similar nature of landfill construction / closure works as per MSW Rules 2000 of minimum value of Rs 12 Crores*each.” This will enable the bidders to show their experience in execution of similar projects as a SUBCONTRACTOR.</p>	<p>Sub-Contractors experience will be considered for matching the qualifying criteria Clause 4.5 A, Point No (2), Page 14.</p> <p>In other words sub-contractor’s experience in other project will be considered here if such sub-contractor appears as a bidder only / JV Partner.</p> <p>More clearly if any bidder in this assignment appoints someone as sub-contractor, the past experience of such sub-contractor shall not be clubbed with main bidder to assess it qualifying criteria.</p> <p>Both certificates are required in support of qualifying criteria i.e. Certificate from Owner to the Bidder and further Certificate from Bidder to the Sub-Contractors; highlighting the quantities of work done in different areas (as per qualifying criteria), contract value executed and date of actual completion of works to owners satisfaction.</p>

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		<p>Please note that in case of experience as a SUBCONTRACTOR, Bidder should be allowed to submit completion certificate from its direct contracting client only.</p> <p>WBPCB is seriously required to understand that bidder could not produce / arrange certificate from the main project owner or main authority as they are not direct contracting agency to sub-contractor for their project.</p>	
4	Section 1 – ITB, Clause 4.5 A. (3), Pg. no.14	<p>Existing Provision: The clause states that “Minimum quantities of work required for MSW / Hazardous Waste landfill construction / closure works as per MSW Rules 2000 / Infrastructure Works (such as Road Flyover Bridge embankments, dams and tunnels, hydraulic engineering, large irrigation structures) along with successful completion certificates as a Prime bidder / Joint Venture (JV)”:</p> <p>Query:</p> <p>1) We request authority to consider experience of bidder as a PRIME-CONTRACTOR as well as SUB-CONTRACTOR in execution of such similar work. Hence, we request authority to amend the criteria as “Minimum quantities of work required for MSW / Hazardous Waste landfill construction / closure works as per MSW Rules 2000 / Infrastructure Works (such as Road Flyover Bridge embankments, dams and tunnels, hydraulic engineering, large irrigation structures) along with successful completion certificates as a Prime bidder Subcontractor/ Joint Venture (JV)”.</p>	Same as Sr. No 3 above.
5	Section 1 – ITB, Clause 4.5 A. (3 - c), Pg. no.14	<p>The clause states that “Providing and Laying Geo Grid and /or Geo mats for slope stabilization of quantity minimum of 45,000 Sq.m.”</p> <p>Query:</p> <p>We have executed numerous mega projects for Sanitary Landfill and Scientific Closure of the dumpsite as per MSW rules – 2000. Generally, in our projects, we provide Geo-grid as per the requirement of slope stability in the project. Slope stability can be determined after detailed analysis. Experience of providing and laying of Geo-grid / Geo mats should not be the point for qualification as this is not common practice</p>	Since Geo Grids is an important component in the project the Clause 4.5 (3 – c) remains unchanged.

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		<p>in all closure or landfill projects. It is need based practice. Hence, we request authority to remove the said clause from qualification requirement.</p>	
6	<p>Section 1, ITB, Clause 4.4, Subcontracting AND Section 1, ITB, Clause 4.6</p>	<p>Existing provision: The clause states that “Bidders may nominate personnel of subcontractors and sub-consultants to fill the key positions listed in the further section of the bid documents as set out for qualification criteria.” AND Contrary to this, other clause states that “Sub-contractor’s experience and resources will be taken into account in determining the Bidder’s compliance with the qualifying criteria, except to the extent stated in Clause 4.5 [A] above.”</p> <p>Query:</p> <p>Experience in laying of Geogrid and other Geo Synthetic lining materials (as per clause 4.5. A) can be met by specialized subcontractors only. Hence, we request authority to amend the Clause 4.6, ITB as “Sub-contractor’s experience and resources will be taken into account in determining the Bidder’s compliance with the qualifying criteria, including to the extent stated in Clause 4.5 [A] above.”</p>	<p>To clarify Sub-Contractors / JV experience will be considered in Clause 4.5 A (2 and 3) and not in Clause 4.5 A (1).</p> <p>Sub-Contractors Qualification can be linked with either Main Partner / J V Partner, depending on the declaration made during submission of Bid.</p> <p>See point No 3 above for more clarification.</p>
7	<p>Section 1, ITB, Clause 4.6 AND Section 1, ITB, Clause 4.4</p>	<p>Existing Provision: “The figures for each of the partners of a joint venture shall be added together to determine the Bidder’s compliance with the minimum qualifying criteria of Sub-clause 4.5. However, for a joint venture to qualify, all partners combined together should meet all the qualification criteria AND the Lead Partner shall meet 50 percent of the criteria set in Sub-clause 4.5 A (Point No.1 and 2) and other partners shall meet 25% of the criteria set in Sub-clause 4.5 A (Point No. 1 and 2). Lead Partner shall meet at least two of the Criteria and each of the other JV Partners shall meet at least one of the criteria set in 4.5 A (Point No. 3) & all the JV partners collectively must meet all the criteria specified in Sub-clause 4.5 above in full. Failure to comply with this requirement will result in rejection of the joint venture’s bid.”</p> <p>Query:</p>	<p>The clause nos 4.4 and 4.6 remains unchanged. Also please refer <i>NCB – ACMV Works – Document W-2 [Amendments for Joint Ventures]</i> point no of ITB in support of ITB Clause 4.4 Point No (e).</p>

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		<p>As per Section 1, ITB, Clause 4.4, The LEAD PARTNER will incur liabilities and receive instructions for and on behalf of any or all partners of the Joint Venture and entire execution of the contract shall be done by the LEAD PARTNER and payment under the contract shall be received by the LEAD PARTNER. The precise responsibility of the members of the Joint Venture in respect of planning, quality, execution of the works shall be mentioned in the Joint Venture Agreement as per attached format (Annexure enclosed in the Bid Document) and the execution of the same will be the sole responsibility of the LEAD PARTNER. If only LEAD PARTNER is liable for all the project risk and fulfilling all the obligations and execution of the entire contract, It is not reasonable to ask other partner's capability in meeting 25% of the criteria set in Sub-clause 4.5 A (Specially Point no. 2), as other partner may not have experience in similar works (i.e. sanitary landfill / closure projects.). Keeping in view above, we request authority to consider the capability of JV partners collectively in order to determine the Bidder's compliance with the minimum qualifying criteria of Sub-clause 4.5 (Point no. 1, 2 and 3).</p>	
8	Section 1 – ITB, Clause 4.5. A	<p>Please allow bidder to claim experience & credentials of associates in order to qualify as per Clause 4.5.</p> <p>For purposes, Associate shall mean, in relation to the Bidder/ Consortium Member, a person who controls, is controlled by, or is under the common control with such Bidder/Consortium member (the 'Associate'). As used in this definition, the expression "Control" means, with respect to a person which is a company or corporation, the ownership, directly or indirectly, of more than 50% (fifty per cent) of the voting shares of such person, and with respect to a person which is not a company or corporation, the power to direct the management and policies of such person by operation of law</p>	<p>Claim of Experience and Credentials of Associates is not allowed. Bidder to bid for the project as a single entity or in Joint Venture only.</p> <p>See point No 3 above for more clarification.</p>
9	Section 1 – ITB, Clause 4.7, Pg. no.17	<p>The clause states: "The statements showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer in charge, not below the rank of an</p>	<p>Clause remains unchanged. Under "Or equivalent" certificate from Authorized Signatory on behalf of clients can be produced.</p>

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		Executive Engineer or equivalent.” Query: It will not be possible to obtain such statement from EIC. Kindly allow bidder to submit such statements issued by Chartered Accountant.	
10	Section 1 – ITB, Clause 8.2, Pg. no.18	The clause states: “One set will be handed over to the bidder & one original + Five Copies should be completed and returned/submitted with the bid.” Query: Kindly clarify - how many COPIES of ORIGINAL Proposal we are required to submit during bid submission. It is preferable to allow bidders to submit only ONE ORIGINAL + ONE COPY of technical and financial proposal to save the papers for protection of the environment	Submission of Bids – Technical and Financial Bid shall be separately placed in single sealed envelope The Technical Bid shall contain the Demand Draft of Cost of Bidding Documents. It is a single part bidding. One Original + 5 copies of Bid documents (technical and financial separate) to be submitted by bidder; all with original signatures and stamp on each page.
11	-	Kindly provide site topography/contour map and other layout drawings in AUTOCAD format.	It will be provided on award of contract to the successful bidder.
12	-	Kindly confirm that design, engineering and drawings of the scientific closure are not in the scope of contractor. We understood that only “As – built drawings” are under the contractor’s scope.	The project is based on a detailed design and no design is requested by the Contractor if not otherwise mentioned in Technical Specification.
13	Section – 5, Technical Specifications, Clause 4.2.1 Earthworks	The clause states: “A total of 66,941 m ³ of waste must be transported for disposal at the active dumpsite.” Query: Kindly mention distance of active dumpsite from the project site?	The distance is upto 1000 meters. This has also been mentioned in BOQ Item No 201, Page No 85 /118 of Bid Documents.
14	Section 7, BOQ, Clause 4, Pg. no. 80	As per clause: “Any other additional work / item is found as deemed fit by the contractor to be carried out for satisfactory completion of works; other the items specified in the BOQ, the cost for the same shall be considered as included the items of specified BOQ. Contractor shall not be paid any extra item on whatsoever basis. The rates of different items of works shall remain same for any quantity variation as indicated in the BOQ.” Query: In case of change in scope of work or detailed design, we request authority to approve and reimburse the additional cost for items which are not included in the BOQ.	In case of change in scope of work or detailed design, additional cost for items which are not included in the BOQ will be negotiated or unit rates included in day works will used. Rate Analysis for the additional items shall be got approved from the Competent Authority of the Employer, prior to execution of work.
15	Section 7, BOQ, Item	The description for item is given as “Identification and Segregation of Asbestos	1) West Bengal Waste Management Ltd. (WBWML) is the owner.

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	no.203,	<p>in the dumpsite to be removed and re-disposed in accordance to Hazardous Waste (Management, Handling and Trans Boundary Movement) Rules 2008. The item shall include disposal charges to TSDF, all labour, materials and manpower, equipment's and machinery, tools and tackles, loading, unloading and transportation to the TSDF Facility for Hazardous Waste Site at Haldia, fuel, incidental charges, operation charges of equipment's etc. complete as directed by Engineer In charge. Suitable permission / clearance for disposal of Hazardous Waste to the secured landfill site at Haldia will be availed by the contractor.”</p> <p>Query:</p> <p>1) Who is the owner of secured landfill site at Haldia? Kindly provide contact details (Email, Mobile Number, etc.) of the concern person at HALDIA SECURED LANDFILL SITE.</p> <p>2) Kindly mention prevailing GATE FEE/ TIPPING FEE/ DISPOSAL FEE towards disposal of waste at Haldia site.</p>	<p>2) Contact Details are: Mr. S. Chakarborty (Phone No – 09831962869)</p> <p>3) Contractor to consider prevailing GATE FEE / TIPPING FEE / DISPOSAL FEE as per discussions with (WBWML) at the time of bidding.</p> <p>4) Agreement to be made between the contractor and the Haldia Facility for disposal of hazardous wastes.</p> <p>Necessary Permissions for disposal of Hazardous Waste to the secured landfill facility at Haldia shall be the contractor's responsibility. WBPCB will assist in getting the necessary permissions.</p>
16	-	We request authority to provide quantity of waste is required to be closed at the dumpsite	The quantity of waste to be profiled, waste disposed out of the dump site has been highlighted in the BOQ and detailed specifications for compaction requirements are also given in the tender documents under Section 4.2: Earth works (Profiling of Waste) (page nos 67 to 72 of bidding documents)
17	Section 4, Particular Specification, Clause 4.10.5, Pg. 101	<p>The clause describes that the manufacturing process adopted for TEXTURED GEOMEMBRANE shall be a fully automated Flat Cast Extrusion Process controlled by a fully computerized system.</p> <p>Apart from Flat Cast Extrusion Process, the blown Film Extrusion process is widely used method for manufacturing the HDPE Geomembranes. Actual world production capacity figures indicate that manufacturing processes are roughly split 2/3 in favour of the Blown Film process. Both technologies offer high quality products.</p> <p>We suggest authority to amend the clause and allow use of HDPE Geomembrane manufactured through blown film extrusion process.</p>	The Flat Cast Extrusion process need to be followed as mentioned in the Bid Documents. No Blown HDPE liners to be used.
18	Section 4,	Query:	Item No 4.9 Geo textile Specification as

Query No.	Clause of Tender	Description of Query	Response / Clarifications
	Particular Specification, 4.9.2 Requirements of Geotextiles, Pg. 96	<p>With regards to item no. 302 of BOQ, we wish to highlight that we will use the material complying to specification mentioned in 4.9/ 4.9.2 in tender. Please note that clause 4.9.2. of tender requires minimum thickness of 2.0 mm at an overburden pressure of 20 kN/sq.m.</p> <p>Whereas BoQ mentions the thickness of minimum 4.0 mm with overburden pressure of 20 KN/sq.m.</p> <p>We have inquired from many suppliers of Geotextile, however nobody's geotextile of 350 g/m² matches to the thickness 4 mm as mentioned in the BOQ. The standard thickness of 350 g/m² geotextile conforms to 2-2.5 mm thickness as provided in Particular Specification Clause 4.9.2. We request authority to mention correct thickness of 350 g/m² Geotextile.</p>	<p>highlighted from Page 96 to 98 of bidding documents is to be followed. The 4 mm thickness as mentioned in the BOQ may be considered as minimum 2 mm thickness.</p>
19	Section 4, Particular Specification, Clause 4.12.2, Requirements of Geogrid (TYPE I), Pg. 114 AND BOQ Item 306	<p>We have inquired from more than 5 manufacturers of Geogrid but nobody's geogrid conforms to parameter – mass per unit area. Kindly confirm/check mass per unit area (760 g/m²) of Geogrid mentioned in specification.</p> <p>Besides, many manufacturers are not aware about the structure named as “Mono-oriented geogrid with 3D structure”.</p> <p>Keeping in view above, we request you to provide details of your approved manufacturer for this kind of Geogrid.</p>	<p>In the BOQ Item 306 the description is self-explanatory and there is no mention of “Mono-oriented geogrid with 3D structure”. Detailed specification for the Geo Grids is highlighted under Section 4.12 detailed specifications for Geo Grids (Page No 114 to 118). Vendors complying with these requirement of specifications need to be considered.</p>
20	Section 1 – ITB, Clause 4.5 A. (3 (c)), Pg. no.14	<p>Existing provision: “3(a) - HDPE Liner Laying, Welding and Installation experience for MSW Landfills (in a single contract) of quantity minimum of 1,00,000 sq.m. OR (two contracts) of quantity minimum of 60000 sq.m. each. 3(c) - Providing and Laying Geo Grid and /or Geo mats for slope stabilization of quantity minimum of 45,000 Sq.m. in single or multiple contract of laying of Geogrid/Geo Mats in MSW landfills/Secured Landfills/Hazardous Landfills/Landfill Construction / other infrastructure projects (like Road Flyover Bridge embankments, dams and tunnels, hydraulic engineering, large irrigation structures))</p> <p>Query: In case of HDPE liner, experience in only</p>	<p>To clarify clause 3 (a) and 3 (c) and 3 (d) to be read as:</p> <p>3(a) - HDPE Liner Providing (including supply), Laying, Welding and Installation experience for MSW Landfills (in a single contract) of quantity minimum of 1,00,000 sq.m. OR (two contracts) of quantity minimum of 60,000 sq.m. each.</p> <p>3(c) – Providing (including Supply) and Laying, Jointing of Geo Grid and /or Geo mats for slope stabilization of quantity minimum of 45,000 Sq.m. in single or multiple contract of laying of Geogrid/Geo Mats in MSW landfills/Secured Landfills/Hazardous Landfills/Landfill Construction / other infrastructure projects (like Road Flyover Bridge embankments, dams and tunnels, hydraulic engineering, large irrigation structures))</p>

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		Laying, Welding and Installation is asked whereas in case of Geogrid, experience in providing and laying is asked in the tender document.	3(d) – Providing (including supply), Laying and Jointing of Geo Composite layer for infiltrated drainage water of minimum quantity 80,000 Sq.m.in single or multiple contracts.
21	-	You have asked for an experience in laying of Geo Composite Layer to a quantity of 80,000 sq.m. We request you to delete this clause if possible. Otherwise, request you to please accept the experience of laying Geo Net or Coir Composite Layer instead.	Experience criteria of Geo Composite remains unchanged.
22	-	We request you to please open the price bid only after technical evaluation is done for all the bidders. Price Bid shall be opened for only technically qualified bidders.	As per World Bank Procedure both the Technical and Financial Bid will be opened simultaneously in presence of intending bidders present at the time of Bid Opening.
23	-	We request you to please extend the date of submission by four weeks so that we can get enough time to do proper study and calculation of the tender and submit our best proposal.	Last Date of Submission of bid is extended upto 2 nd March, 2015 IST 15.00 hours and the same will be opened on the same day at IST 15.30 hours

On behalf of WBPCB

____Sd/- Sd/- Sd/-
(Dr. T.K.Gupta) (S.K.Adhikari) (Arupratan Mukhopadhyay)

On behalf of M/s Cowi A/S

Sd/-
(A.K. Kunte)

Amendment to Bidding Documents

for “Remediation/ Closure and Containment of Dhapa Municipal Dumpsite in Kolkata, West Bengal.”

(Ref: NCB/51/W/WBPCB/WB-CBIPMP dt.09/01/2015)

S.N	Clause of Tender	Description of Query/contents of bidding document	Response / Clarifications
1.	Section 4, Particular Specification, 4.9.2 Requirements of Geotextiles, Pg. 96	Query: With regards to item no. 302 of BOQ, we wish to highlight that we will use the material complying to specification mentioned in 4.9/ 4.9.2 in tender. Please note that clause 4.9.2. of tender requires minimum thickness of 2.0 mm at an overburden pressure of 20 kN/sq.m. Whereas BoQ mentions the thickness of minimum 4.0 mm with overburden pressure of 20 KN/sq.m. We have inquired from many suppliers of Geotextile, however nobody's geotextile of 350 g/m ² matches to the thickness 4 mm as mentioned in the BOQ. The standard thickness of 350 g/m ² geotextile conforms to 2-2.5 mm thickness as provided in Particular Specification Clause 4.9.2. We request authority to mention correct thickness of 350 g/m ² Geotextile.	Item No 4.9 Geo textile Specification as highlighted from Page 96 to 98 of bidding documents is to be followed. The 4 mm thickness as mentioned in the BOQ may be considered as minimum 2 mm thickness.
2.	para 5 of IFB, Page no- 5	Bids must be delivered to Project Director, CBIPMP, West Bengal Pollution Control Board, Parivesh Bhavan, 10 "A", Block - LA, Sector III, Bidhan Nagar, Kolkata on or before IST 15.00 hours on 23rd February 2015 and will be opened on the same day at IST 15.30 hours	Last Date of Submission of bid is extended upto 2 nd March, 2015 IST 15.00 hours and the same will be opened on the same day at IST 15.30 hours

All other contents of bidding document are remain same.

On behalf of WBPCB

___Sd/- Sd/- Sd/-
(Dr. T.K.Gupta) (S.K.Adhikari) (Arupratan Mukhopadhyay)

On behalf of M/s Cowi A/S

Sd/-
(A.K. Kunte)

