

**Minutes of pre bid conference held on 26.08.2010 at 15:00 Hrs in the Chamber of Project Director, APMDP, Hyderabad.**

**Name of Work : Consultancy For Comprehensive Planning Of Water Supply, Urban Sanitation and Waste Water Management Service Improvements In Nellore Municipal Corporation.**

The following officers attended the pre bid Meeting:

<b>Sl.No.</b>	<b>Name of the officer</b>	<b>Designation</b>
1	Sri. Solomon Arokiaraj, I.A.S.	Project Director, MSU-APMDP
2	Sri. Subhash Singh	Superintending Engineer, MSU- APMDP
3	Mohd Ali Azmat	Dy. EE.

The following Consultants' representatives attended the Meeting:

<b>Sl.No.</b>	<b>Name of the Consultant</b>	<b>Name of the Representative</b>	<b>Designation</b>
1	M/s POYRY Environment GmbH, Kolkata.	Sri. Amitava Mukarjee	Project Coordinator
2	M/s TTI Consulting Engineers India (P) Ltd., Bangalore.	Sri. K. Umesh Babu	Engineering Manager
3	M/s TATA Consulting Engineers Limited, Mumbai.	Sri. Radheya B joshi	Asst. Manager
4	M/s STUP Consultants P.Ltd., Bengaluru.	Sri. Rajasekhar	Associate Principal Consultant(APC) (Design)
5	M/s Aarvee Associates Architects Engineers & Consultants Pvt. Ltd., Hyderabad.	S. Narender	Manager , E&WS Division

In the above meeting, discussions were held on RfP of the following assignment and clarifications sought by the consultant were explained .

"Consultancy For Comprehensive Planning of Water Supply, Urban Sanitation and Waste Water Management Service Improvements in Nellore Municipal Corporation".

## Queries Received Prior to Commencement of pre bid conference were answered as follows:

Sl. No.	Reference in the RfP document	Description in RfP Document	Suggestion for modification / Clarification / Query by consultant	Reply by APMDP
1			It is not understood for the present water supply system of the city whether the source is ground water or surface water? If there is any water treatment plant under operation?	The present source of water supply is Ground water (sub – surface water of Penna river bed). At present there is no treatment plant. However the consultant is requested to see the system and assess the things before submitting the proposals.
2			Is there any sewerage system in the city? If there, what approximate percentage of area is covered under sewerage system? The RfP has not given any information on that.	There is a partial sewerage system in the town. However, the consultant has to assess the condition of the system.
3			If sewerage system is available there should be waste water (sewage) treatment plant. Nothing is mentioned on that..	There is no sewerage treatment plant.
4			Improvement of city sanitation generally includes solid waste management component; as there is no specific mentioned on SWM and there is no provision of expert on SWM, it is expected that the consultant will not do any exercise on this issue barring some minimum general condition assessment.	The scope of sanitation is clearly indicated in Section 5 first para; and that of solid waste in Section 5.B.1 (v) of the ToR.
5			Although sanitation and wastewater management have been given high importance in the RfP, provision of any expert on these subject except Team Leader has not been in the RfP. It is felt that at least one expert may be provided for sanitation and waste wastewater management to get the work done more proficiently.	In addition to team leader, there is a provision of one project Engineer, Civil, ( sanitation, and sewerage) in the RfP. Any further assistance may be taken under support staff.

6			How many locations are to be considered for NRW analysis?	The general frame work for doing Water Audit and estimation of NRW is indicated in clause 4.A.2 (d) of the ToR. As per this clause, the consultants should undertake flow and pressure measurements at strategic points to audit the water use.
7			Is the consultant should include the cost of installation of water meter for NRW studies in the financial proposal? Please specify type of water meter- Mechanical/Ultrasonic	For doing the Water audit and NRW analysis, the consultants shall use portable ultrasonic flow meters of required dia, in required numbers. To carryout water Audit exercise as per clause 3.A.2 (d), the consultant should provide all flow meters, isolating valves and sample domestic meters and ensure to complete the task with in the scheduled time. An indicative list of equipment is provided in revised Additional Form FIN – 5, in which the consultant shall quote. Please refer to addendum to CI.3.9 of SCC regarding use and return requirement of these equipment.
8			Is procurement of satellite maps included in the Scope of consultancy? Please specify the Satellite Imagery resolution required?	The consultants can use freely available satellite maps from public domain. The GIS platform should be Arc info.
9			If the number of samples/quantities exceeds more than FIN-5, page No., will the additional amount be paid? Will that be paid as per unit rate?	If the additional samples/ quantities are executed with the approval of APMDP authorities; then the additional quantity will be paid as per FIN-5 unit rates.
10	Refer Form FIN 5 (additional ) on	Where it is mentioned that the bidder shall indicate the	<b>For the total station survey:</b> <ul style="list-style-type: none"> <li>We understand that a set of survey drawings, for which survey was carried out based on NRSA maps available in the recent past, is already available with Nellore Municipal Corporation. Is it</li> </ul>	Any NRSA maps if available with Nellore, can be used for identifying the road network and key installations as per clause 4.A.2 (a) of the ToR. However, for contour

	Pg 44/104,	unit costs	still required to resurvey the 50 sq.km area? (Cl.4 A2 requires the entire service area to be surveyed). Timeframe given under 7 Schedule of completion of tasks is 3 months, which is seen to be inadequate to carry out survey of the 50 sq.km (excluding Outer Growth which needs to be included in the planning).	<p>data Total station survey for the entire area is to be done by the consultant.</p> <p>The details of availability of maps is furnished in annexure-4 of the RfP.</p> <p>Schedule of completion of tasks as given in RfP is confirmed .</p>
			<p><b>For longitudinal survey along trunk mains:</b></p> <ul style="list-style-type: none"> <li>Is it foreseen that the source of water may be outside Nellore area so that a provision for this is separately needed?</li> </ul>	Since, it is comprehensive water supply planning, the consultant should examine all the alternatives and suggest dependable water source for immediate and permanent water supply system and conduct all required surveys.
			<p><b>For Load/Penetration tests:</b></p> <ul style="list-style-type: none"> <li>Where is this survey foreseen and for what purpose?</li> </ul>	These tests are required for sub soil exploration at heavy structures for ascertaining the SBC of soil and its characteristics .
			<p><b>Underground pipe sample tests:</b></p> <ul style="list-style-type: none"> <li>It is assumed that this is applicable only in the case of water supply pipes. Would this be required without disturbing the supply situation?</li> <li>There is an old sewerage system existing for about 1.5 sq.km area on which no tests on material of the pipe is worthwhile as the system is very old and fit to be discarded.</li> </ul>	<ul style="list-style-type: none"> <li>Yes, testing is required without disturbing water supply to the people.</li> <li>The old sewerage system should be checked thoroughly and appropriate efficient proposals should be made.</li> </ul>
11	Refer 5.A.1 Pg 60/104,	Review of <b>Review of Existing Situation and Assessme</b>	There is reference to Outer Growth for inclusion in the overall planning. Kindly indicate the extent of coverage in the terms of area or length of roads or the present population for assessing the work in put.	There is proposal for extending the municipal area limits by merging the surrounding rural areas. The consultant should interact with the ULB authorities and take into account the outer growth areas/ roads/ population for overall

		<b>nt</b>		planning and assessing the work .												
12	Refer 7, Pg 68/104	Schedule of completion of tasks	2 weeks' time taken for approval after submission of as well as the time taken to issue the FMB sketches and adangal plans is to be excluded from the overall time frame.	The overall time frame is confirmed as inclusive of 2 weeks time taken for approval and time taken for issue of FMB sketches and adangal plans etc. Any time taken beyond 2 weeks on part of the Employer will be considered exclusive of schedule of Completion of Tasks.												
13	Refer 11, Pg 71/104	Procedure for Review of Reports (appraisal of activities)	Please clarify if the different appraisals will be independent or concurrent.	The Project Appraisal Committee will appraise each of the outputs submitted by the consultants. The consultants must ensure that all the scope of work related to a particular output is well covered in that report.												
14	Refer 4, Pg 81/104	Available documents	Kindly give us a list of documents (drawings and reports) available.	Data available is furnished in Annexure-4. Further details may be had from the available data with the ULB.												
15	Refer 6.4, Pg 97/104	Terms and conditions on payment	It is stated that first payment would be made after submission of a BG for the applicable amount under payment to consultant and special conditions of contract states that the first payment of 10% will be on acceptance of Inception Report. Please clarify.	The payment schedule as given in special conditions of contract is applicable.												
16	Refer 7 submittal and 6.4 SC payments on Pg 101/104	Submittal requirement and payment conditions are stipulated.	<table border="1"> <thead> <tr> <th>Sl. no</th> <th>Submittal as per 7</th> <th>Time frame</th> <th>Payment as per SC</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Inception Report</td> <td>1 month</td> <td>10% on submission &amp; acceptance</td> </tr> <tr> <td>2</td> <td>Existing situation and Design</td> <td>2 months</td> <td>10% on submission &amp;</td> </tr> </tbody> </table>	Sl. no	Submittal as per 7	Time frame	Payment as per SC	1	Inception Report	1 month	10% on submission & acceptance	2	Existing situation and Design	2 months	10% on submission &	
Sl. no	Submittal as per 7	Time frame	Payment as per SC													
1	Inception Report	1 month	10% on submission & acceptance													
2	Existing situation and Design	2 months	10% on submission &													

				Basis – Draft		acceptance		
			3	Final with priority interventions, procurement & Implementation plan	3 months			
			4	Out put of assessments under phase –A2	3 months			
			5	Detailed Designs & Bid Documents for priority investments	4 months	10% on submission & acceptance		
			6	Feasibility Analysis and concept plan	5 months	10% on submission & acceptance		
			7	Draft Detailed Design and Estimates	7 months	10% on submission & acceptance		
			8	Draft DPR/CEAP /BD/O&M Manual/SIP	8 months	10% on submission & acceptance		
			9	Final BD/CEAP/A	9 months	10% on submission		

				CI		& acceptance		
			10	Final Reports & drawings	10 months	10% on submission & acceptance		
						20 % on Technical Sanction.		
		We request that the same be revised as given below:	St age	Submittal as per 7	Time frame	Revision requested		The modifications suggested for payment terms is not accepted.
			1	Inception Report	1 month	10% on submission		
			2	Existing situation and Design Basis – Draft	2 months	5% on submission		
			3	Out put of assessments under phase – A2	3 months	5% on submission & 5% on acceptance		
			4	Feasibility Analysis and concept plan	4 months	5% on submission & 5% on acceptance		
			5	Draft report with priority interventions,	5 months	5% on submission & 5% on acceptance		

				Procurement & Implementation plan				
			6	Detailed Designs & Bid Documents for priority investments	6 months	5% on submission of Designs & Estimates, 5% on Bid Documents and 5% on acceptance.		
			7	Draft Detailed Design and Estimates	7 months	7.5% on submission & 2.5% on acceptance		
			8	Draft DPR/CEA P/BD/O&M Manual/SIP	8 months	7.5% on submission & 2.5% on acceptance		
			9	Final BD/CEAP/ACI	9 months	10% on submission		
			10	Final Reports & drawings	10 months	10% on submission		
						5% on Technical Sanction.		
			Foregoing is being on the following assumptions: <ul style="list-style-type: none"> <li>• Stage 1 being compilation of secondary data collected, revised methodology in the light of</li> </ul>					

			<p>actual conditions obtained does not have to depend on acceptance as there is unlikely to be variation of approaches between the perceptions of the client and the consultant.</p> <ul style="list-style-type: none"> <li>• Stage 3 being an assessment of out put , weightage is given for acceptance.</li> <li>• Stage 4 has to precede the defining and detailing of priority investments as well as other designs and detailing.</li> <li>• Stages 7&amp; 8 will have substantial inputs to submission and relatively less as a condition for acceptance.</li> <li>• Stages 9&amp;10 are nearer the closeout of the project and are developed based on earlier acceptances.</li> <li>• Last 5% has more to do with administrative procedures and less on technical inputs and so a small percentage is recommended for this stage.</li> </ul>	
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Project Director,  
MSU-APMDP

To:

M/s POYRY Environment GmbH, Kolkata.

M/s LEA Associates South Asia Pvt. Ltd., New Delhi

M/s TTI Consulting Engineers India (P) Ltd., Bangalore.

M/s TATA Consulting Engineers Limited, Mumbai.

M/s STUP Consultants P.Ltd., Bengaluru.

M/s Aarvee Associates Architects Engineers & Consultants Pvt. Ltd., Hyderabad.

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