

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI – 110016

No.IITD/EE (P)/2011/

Dated: - 01.09.2011

Name of Work:- Providing Consultancy Services for Designing, Planning and Execution of Three Sewage Treatment Plants and one Effluent treatment plan including a Complete Network of Sewerage/ Effluent System connecting to STP's/ETP at IIT Delhi.

Subject:- Pre- bid meeting held on 1.08.2011.

A Pre-bid meeting for the subject work was held in the Office of Executive Engineer (P) in the Room No. MZ-137 at 4.00 PM. The list of persons who attended the Pre-bid meeting is annexed in "Annexure A".

M/s. Progressive Engineers vide their letter No. PE/IITD/Ten/35/10-11 dated 29.07.2011 sought some clarifications. The clarifications sought and their reply is as under:-

Item No.	Reference to Page/ Clause	Clarification Sought	Institutes Reply
1.	Clause No. 4 Para 1 Chapter 3, Page 6 of Technical bid document	Annexure 1 is not attached	The copy of Master Plan showing Sewer net-work and tentative locations of three STP's and one ETP is being issued as Annexure 1 now.
2.	Clause No. A-25, Page - 4 of Commercial bid.	For turnkey execution detailed BOQ is in scope of Contractor, kindly clarify whether tender document is to be prepared for Turnkey execution or for item rate contract.	Tender document shall be prepared for Item Rate contract.
3.	Clause No. A-2.7, Page – 4 of Commercial bid.	Clarify detail of Scope	Scope of work is already defined in Tender document. It requires no change.
4.	General	We need site visit, Master Plan and detail drawing of Sewerage network. We understand that IITD will do the survey and soil testing and Sample Analysis as required.	Yes, consultant may visit site to have an idea of work involved, site constraints and other ground features evolving the concept. A Master Plan showing sewer network and tentative locations of STP's/ ETP is being issued as Annexure – 1. The survey of invert levels of sewer network/ manholes at various locations shall be done by



			consultant as per their scope of work for development of conceptual / detailed design of pipe network Soil testing, if required, shall be got done by IITD for which the consultant shall provide the BOQ and Tender documents i/c necessary specifications. It should be parallel to other activities of design work
5.	Clause No. 10, Page – 6 of Commercial bid.	Time Schedule requires discussion	This was discussed in details and necessary amendments are being issued in addendum annexed.

The following issues were also discussed and the following addendum in Technical bid document and Commercial-cum-Financial bid documents is being issued.

S. No.	Reference	Page No.	Para/ Clause Line No.	For	Addendum / Read as
1.	Technical Bid document (Part-1)	2	Para 7 Line-2	10. 08. 2011	13. 09. 2011
2.	Commercial cum Financial bid document (Part - 2)	2	Para 6 Line - 2	10. 08. 2011	13. 09. 2011
3.	Commercial cum Financial bid document (Part - 2)	5	Para 3.15 Line - 4	labs	STP's/ETP system
4.	Commercial cum Financial bid document (Part - 2)	6	Clause 4.1 Line 1-3	Institute shall invite, receive and analyses tenders for all the works to be executed and shall appoint contractor on the basis of procedure approved by its competent authority.	Institute shall invite and receive tenders and consultant shall evaluate and analyse the tenders and submit to the IITD with recommendations for acceptance by Competent Authority. The IITD shall appoint contractor on the basis of procedure approved by its competent authority.

5.	Commercial cum Financial bid document (Part - 2)	6	Clause 6.1	CONCEPT STAGE	"Concept Stage" (Fee payable shall be worked out on approved preliminary estimated cost)
6.	Commercial cum Financial bid document (Part - 2)	6	Clause 6.2	TENDER STAGE	"Tender Stage" (Fee payable shall be worked out on approved detailed estimated cost)
7.	Commercial cum Financial bid document (Part - 2)	6	Clause 6.3	CONSTRUCTION STAGE	"Construction Stage" (Fee payable shall be worked out on accepted tendered cost)
8.	Commercial cum Financial bid document (Part - 2)	7	Clause 6.4	COMPLETION STAGE	"Completion Stage" (Fee payable shall be worked out on the basis of Actual Completed cost or accepted tendered cost whichever is less.
9.	Commercial cum Financial bid document (Part - 2)	8	Clause 6		<p>Insert "clause 6.5" after the table for schedule of payment as given below :-</p> <p>6.5: The cost of completed works shall include the cost of Assigned works. Further 'cost' of completed works shall not include the cost of followings:-</p> <p>a) Land including its existing developed and its development charges, lease charges etc.</p> <p>b) Incurred on plan approval and service connection deposits and fees payable to local and/ or statutory body by the Institute.</p> <p>c) Incurred on any other services, fittings and fixtures which are not planned and designed by the Consultant.</p> <p>d) Any infructuous expenditure as a result of demolition etc. suggested by the Consultant and cost of such rejected work.</p> <p>e) Incurred on supervisory and other establishment employed on work by the Institute.</p>

					<p>f) Other contingent expenditure like press advertisement, publicity, cost of foundation stone, inauguration ceremonies of building, stationery etc.</p> <p>g) Escalation in the cost of work due to increase in rates of labour and materials paid to the contractors.</p> <p>h) Incurred on demolition of existing building or its portions and development services, if any.</p> <p>i) Incurred on arbitration proceedings and cost of award given by the arbitrator, if any.</p>									
10	Commercial cum Financial bid document (Part - 2)	7	Clause 7	The fee payable to the Consultant shall be the professional fees agreed to while accepting the bid.	The fee payable to the Consultant shall be as per fee payable at various stages as mentioned in Clause 6 and the Professional fees as mentioned in chapter-4, "Schedule of Professional fees".									
11.	Commercial cum Financial bid document (Part - 2)	8 & 9	Clause 10 TIME SCHEDULE	<p>Replace the Existing Time Schedule Table with the Time Schedule Table given below:-</p> <table border="1"> <thead> <tr> <th colspan="3">Planning Stage</th> </tr> </thead> <tbody> <tr> <td>i)</td> <td>To furnish a site evaluation and analysis report with basis and prepare conceptual design with reference to requirements given and prepare Preliminary Estimates of cost on the basis of market rates for approval and other activities as defined in concept design stage in clause-2 "Scope of work" and clause-3 'Schedule of Services'</td> <td>8 weeks</td> </tr> <tr> <td>ii)</td> <td>Preparation of Specifications; Schedule of quantities; Detailed Estimate of cost; and Draft bid documents and NIT/ Press Notice and other activities as defined in concept design stage in clause-2 "Scope of work" and clause-3 'Schedule of Services' after the communication of the PE by the Competent authority.</td> <td>4 weeks</td> </tr> </tbody> </table>		Planning Stage			i)	To furnish a site evaluation and analysis report with basis and prepare conceptual design with reference to requirements given and prepare Preliminary Estimates of cost on the basis of market rates for approval and other activities as defined in concept design stage in clause-2 "Scope of work" and clause-3 'Schedule of Services'	8 weeks	ii)	Preparation of Specifications; Schedule of quantities; Detailed Estimate of cost; and Draft bid documents and NIT/ Press Notice and other activities as defined in concept design stage in clause-2 "Scope of work" and clause-3 'Schedule of Services' after the communication of the PE by the Competent authority.	4 weeks
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				iii)	Evaluation of tenders / bids; preparation of Justification and submission to IITD with recommendations for acceptance by Competent Authority.	2 weeks
				Construction Stage		
				iv)	Project Management during execution of work including monitoring of progress of work; all routine supervision of works, certification of bills (which is expected to be disposed off by consultant at the earliest); testing, commissioning and certification of the constructed facilities and other activities as defined in clause-2 "Scope of work" and clause-3 "Schedule of Services".	40 weeks
				v)	Arrange to submit all completion drawings & documents as stipulated in the tender documents from the execution agency; scruitnising of final bill; and approval of concerned local bodies; and other activities as defined in clause-3 "Schedule of Services".	2 weeks
12	Commercial cum Financial bid document (Part -2) Chapter – 4 " Schedule of Professional Fee"	14		Insert Sr. No.1.5 after Sr. No.1.4 as under:		
				1.5	Distribution Network for Treated Water	1. Job% of Cost of Item No. 1.5
13	Commercial cum Financial bid document (Part -2) Chapter – 4 " Schedule of Professional Fee"	17		Insert the following note after the price bid table:- The weightage to the various components of Items of work for which professional fee is being charged shall be as under		
				S. No	Item	Weightage
				1.1	Sewage Treatment Plants (Three Nos. of various capacities.	0.50
				1.2	Effluent Treatment Plant	0.15
				1.3	Network of Sewerage connecting to STP's	0.25

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				1.4	Network of Effluent connecting to ETP's	0.05
				1.5	Distribution network for treated water	0.05


The Lowest tender shall be decided as per following formula:-

$$L1 = (0.50 \times \% \text{ rate of item 1.1} + 0.15 \times \% \text{ rate of item 1.2} + 0.25 \times \% \text{ rate of item 1.3} + 0.05 \times \% \text{ rate of item of item 1.4} + 0.05 \times \% \text{ rate of item 1.5})$$

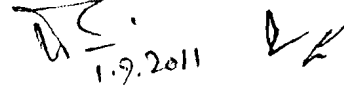
Other clarifications sought are as under:-

1. **Submission of Tender document:-** The tenders shall be submitted in two separate sealed envelops. Each envelop shall clearly indicate Technical bid and Commercial cum financial bids.
2. **Technical presentation.-** The Technical Presentation by eligible firms shall be held on 21.09.2011 at 2:30 PM onward

The above clarifications and addendum shall form part of the tender document.


(KM Vijayakumar)

Executive Engineer (P)


1.9.2011

To : All post qualified firms

Copy to

1. Prof KC Iyer Member, Technical Committee
2. Prof T R Shrikrishana Member, Technical Committee
3. Prof Arvind Nema Member, Technical Committee
4. Sh. Sanjay Gupta Convener, Technical Committee
5. PS to Director For kind information pls.
6. AEE(P)SS
7. DA(Works)
8. Administrator IITD web site: For putting up this addendum at IITD web site