

**Construction of new dining facility in Krishna hostel  
(Ground + 1 Floor) at IIT Madras**

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**MINUTES OF THE PRE-BID MEETING**

**TENDER NO** : 47/2012-13/Civil  
**DATE OF THE MEETING** : 02.01.2014 AT 11:00 AM  
**VENUE** : Hall 1, IC&SR Building, IIT Madras

**Members Present :**

**IIT Madras**

Prof. Ligy Philip, Co-Chairperson  
 Er.R.Arumugam, Superintending Engineer  
 Er.L.Venkataraman, Executive Engineer (Civil)  
 Er.K.Viswanath, Executive Engineer (Elec.)  
 Er.K.Dharmaraj, Executive Engineer i/c (Project)  
 Dr.M.Ramachandran, Executive Engineer i/c (Civil)  
 Er.H.Anandaram, Asst. Exe.Engineer (Civil)  
 Er.K.Ravichandran, Asst. Engineer (Elec.)  
 Er.S.Padmanaban, Asst. Engineer (Elec.)  
 Er.M.Padmanaban, Junior Engineer (Civil)  
 Er.D.Rajavel, Junior Engineer (Civil)  
 Er.A.Sivakumar, Junior Engineer (Civil)  
 Er.K.Narayanaperumal, Junior Engineer (Civil)

**Contractors**

Mr.P.Srinivasan, M/s EMAS Engineers & Contracting Pvt Ltd  
 Mr.P.Muruganandham, M/s Srinivasan Associates  
 Mr.S.Paulraj, M/s R.R.Thulasi Builders  
 Mr.S.Prabhakaran, M/s GVSPL  
 Mr.P.Balaji, M/s GVSPL  
 Mr.M.Anand Babu, M/s GVSPL  
 Mr.V.Venkatarao, M/s Sri Constructions  
 Mr.S.Ramamoorthy, M/s Logos Construction  
 Mr.Kannan, M/s Logos Construction  
 Mr.V,Seenivasan, M/s Elite Engineering Constructions (Pvt) Ltd  
 Mr.M.Abdul Wahab, M/s Macro Enterprises

Co-Chairperson welcomed the participants and briefed about the project. The following points were raised by the Contractor and the clarifications given by IIT Madras are indicated against each.

<b>Sl. No.</b>	<b>Points raised by the contractors</b>	<b>Clarifications from IIT Madras</b>
	Sl.No 1 to 11 questions were raised by M/s EMAS Engineers & Contracting Pvt Ltd through written request.	
1	Please confirm the Validity of EMD. The validity of offer is 90 days from the opening of tender. But BG format says that the validity EMD is 180 days from opening of tender and BG is not applicable in this contract ( Reference 8.2 from of guarantee bond for EMD -page no 34)	Validity of EMD is not applicable in this case as the EMD is collected in the form of Demand Draft.
2	Page no 64 and Clause 8 B -reg Electrical works. Kindly confirm the Electrical works covered in this contract.	Please refer to the BOQ, Financial bid Volume II.
3	Volume - 3 -PDF drawing are not able to read the drawing. Please provide the softcopy for the same ( which can be able to read )	The drawings will be uploaded in the IIT Madras web site.

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4	Reference page no 34.- 8.2 form of guarantee bond for EMD. Please confirm the BG accepted for EMD	Please refer Page 5 / Para 3.2 - 2 of eligibility document.
5	Defects liability period not mentioned. Please confirm the duration	Please refer to clause 17 of the tender document (Financial bid – Volume I).
6	Page No 26-Guarantee for water proofing treatment. 10% of the cost will be retained up to 10 years. Please confirm the same	Please read <b>a to f</b> of the 'Guarantee for water proofing' on page 26 of the contract document (Financial bid – Volume I).
7	Page No 53. Clause 1A . 5 % Retention money will be deducted in the RA Bills till the reach the 5 % of CV of amount which will be released at the of final bill as against the BG . Please confirm the same	Please read the clause 1A carefully. The Security deposit as deducted can be released against bank guarantee issued by a scheduled bank, on its accumulations to a minimum of Rs 5 Lakhs subject to the condition that amount of such bank guarantee, except last one shall not be less than Rs 5 Lakh.
8	Item rate contract. Please confirm the same	Yes
9	Page 6- clause 5.8.2.-EMD of the unsuccessful Tenders will be returned within 28 days of the end of Tender Validity period. Please change the clause for EMD will be released after finalizing the contractor.	No change can be made.
10	Kindly provide the contact No & Email ID.	Office: 044 22578154 / 22578161 / 22578173 Email: arumugam@iitm.ac.in
11	Please provide the % for variation in the Quantity & variation in the price for individual items	Please refer to page No.21 of the tender document (Financial bid – Volume I)
	Sl.No 12 to 18 questions were raised by M/s IVRCL through written request.	
12	Clause 10C - % of for labour component is not mentioned in the Schedule 'F'	Component of labour expressed as percent of value of work will be 25%
13	We request you to accept the total EMD in the form of Bank Guarantee in place of DD & BG.	Not accepted.
14	Whether Tower Crane is required or not?	Tower Crane is not required. Tower Crane is deleted from Clause 18 / Page 21 of Financial bid – Volume – I.
15	The drawings provided in the tender documents are not legible, can the drawings be provided.	The drawings will be uploaded in the IIT Madras web site.
16	Water and Power supply at free of cost at a single point.	Not accepted.
17	Sufficient land for fabrication yard, site office, cement and store godowns and labour hutments etc.	No labour shed is allowed inside IIT Madras campus. Refer site yard and barricading layout enclosed as Annexure 1.
18	Extension of time for submission of tender document.	Not accepted.

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19	Please confirm whether Service tax is applicable for the subject tender or shall be reimbursed upon providing the proof of invoice.	The rate quoted shall be exclusive of Service tax. If applicable, the Service tax will be reimbursed on submission of documentary evidence for the actual Service tax paid for this work.
20	Tender submission procedure for contractors who have already prequalified for this work	Refer Para 2.8 / Page 4 of the eligibility document.
21	Issue of material by IIT Madras	No material will be supplied by IIT Madras.
22	Type of cement to be used	Refer tender conditions in Financial bid – Volume – I, Para – 6.6, Page 27.
23	Labour entry passes	Labour entry passes to be obtained from the IIT Madras Security Section. The contractor shall follow the Security norms of the IIT Madras.
24	Are there any contractors who have already been pre-qualified for this work? If yes, what is the procedure for tender submission for them?	Yes, refer Para 2.8 / Page 4 of the eligibility document.
25	1 <sup>st</sup> Page (Cover page) of the Financial bid – Volume – II – Bill of Quantity (BOQ)	1 <sup>st</sup> Page (Cover page) of the Financial bid – Volume – II – Bill of Quantity (BOQ) is already available in the IIT Madras web site.
26	List of approved make	The revised list of approved make is enclosed in the Annexure – 2.
27	Minimum cement for RMC M35 grade concrete.	<p><b>As per tender document – Financial bid – Volume – II – Page: 6 / Item No.3.02</b></p> <p>Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade / RMC for reinforced cement concrete structural elements, excluding the cost of centring, shuttering, finishing and reinforcement but including admixture etc for M35 grade concrete with required slump 120mm at site. The maximum allowable flyash content in the concrete is 15%. No claim will be entertained for additional cement content used for obtaining M35 grade concrete. Approval of the concrete mix composition shall be obtained from IIT Madras before use. Third-party testing shall be carried out as per IS standards through a laboratory approved by IIT Madras. (Note :- Cement content considered in this item is @ <b>350 kg/cum</b>. Excess/less cement used as per design mix is payable/recoverable separately).</p> <p><b>Shall be read as</b></p> <p>Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade / RMC for reinforced cement concrete structural elements, excluding the cost of centring, shuttering, finishing and reinforcement but including admixture etc for M35 grade concrete with required slump 120mm at site. The maximum allowable flyash content in the concrete is 15%. No claim will be entertained for additional cement content used for</p>

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28		obtaining M35 grade concrete. Approval of the concrete mix composition shall be obtained from IIT Madras before use. Third-party testing shall be carried out as per IS standards through a laboratory approved by IIT Madras. (Note :- Cement content considered in this item is @ <b>380 kg/cum</b> . Excess/less cement used as per design mix is payable/recoverable separately).
29	If cement content for RMC became less, whether any deduction will be done or not?	<p><b>As per tender document – Financial bid – Volume – II – Page: 7 / Item No.3.03</b>  <b>Deduct</b> for using <b>less</b> cement than the quantity as provided in the item of batch mix concrete/RMC as arrived as per mix design.</p> <p><b>Shall be read as</b></p> <p><b>Add or deduct</b> for using <b>extra or less</b> cement in the item of RMC over and above the specified cement content therein.</p>
30	The measurement units of making connection of G.I distribution branch pipe in item no 5.10 & 5.20 in Financial bid – Volume II / Page 55 & 56 needs to be confirmed.	The unit of item no 5.10 & 5.20 in Financial bid – Volume II / Page 55 & 56 <b>shall be read as “each”</b> instead of “metre”
31	Item No:15.00 / Page 83 – Financial bid – Volume – II item is only fixing or including supply of Health Facet.	<p><b>As per tender document – Financial bid – Volume – II – Page: 83 / Item No.15.00</b></p> <p><b>Fixing</b> C.P. hand spray (health faucet for EWC) with push button control and flexible hose connection with C.P. holder for hand spray complete in all respects. <b>(Hand spray, flexible hose and hook shall be supplied free of cost by the Owners)</b> Make:Kingsten, Hindware or equivalent.</p> <p><b>Shall be read as</b>  Supply and fixing of C.P. hand spray (health faucet for EWC) with push button control and flexible hose connection with C.P. holder for hand spray complete in all respects. Make:Kingsten, Hindware or equivalent.</p>
32	Item No:2.00 / Page No: 93 - Financial bid – Volume – II – Puddle flange item to be confirmed.	<b>Item No:2.00 / Page No: 93</b> Financial bid – Volume – II – Puddle flange item has been <b>deleted</b> .

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33	Item No:11.01 / Page No: 41- Financial bid – Volume – II – dismantling item to be confirmed.	<p><b>As per tender document – Financial bid – Volume – II – Page: 41 / Item No.11.01</b></p> <p>Dismantling of existing Krishna mess (GF) and 36 student rooms (Ground + 3 floors) building including roof structure, all temporary sheds, sumps, water tank, pipe lines up to foundation level for facilitating the new construction. The rate quoted shall be inclusive of disposal of debris and all materials generated from dismantling of above mentioned existing building premises. The contractor shall obtain necessary approval from the local authorities for disposal of the debris outside the IIT Madras campus. The quoted amount will be deducted from the contractor’s first running account bill.</p> <p><b>Shall be read as</b></p> <p>Dismantling of existing Krishna mess (<b>Ground Floor</b>) and 36 student rooms (<b>Ground + 2 floors</b>) building including roof structure, all temporary sheds, sumps, water tank, pipe lines up to foundation level for facilitating the new construction work. The rate quoted shall be inclusive of disposal of debris and all materials generated from dismantling of above mentioned existing building premises <b>to outside IIT Madras campus</b>. The contractor shall obtain necessary approval from the local authorities for disposal of the debris outside the IIT Madras campus. <b>The quoted amount will be deducted from the contractor’s running account bill after dismantling the structures. The contractor can take away all dismantled materials except existing PVC tanks, RO tanks, Kitchen equipments, Celing/exhaust fans, pumps, motors, furniture items like cot, chair, table and bookshelf etc. As per Indian Standards necessary safety measures to be adopted while dismantling the structure.</b></p>
34	Whether Escalation clause is applicable or not?	Refer Financial bid – Volume – I.

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35	Clause – 7, Financial bid – Volume – I, Page: 19, Gross work to be done with net payment after adjustment of advances for material collected, if any, since the last such payments for being eligible to interim payment : Rs25 Lakhs	Clause – 7, Financial bid – Volume – I, Page: 19, <b>Shall be read as</b> Gross work to be done with net payment after adjustment of advances for material collected, if any, since the last such payments for being eligible to interim payment : <b>Rs50 Lakhs</b>

### General instructions given by IIT Madras

- Spillover of any construction materials / earth on the road surface should be cleared immediately.
- The contractors are requested to inspect the site before submission of tender documents. After prebid meeting, the Site and material yard location will be shown to interested contractors.
- IIT Madras will not supply water for construction and domestic requirements.
- Electricity / power requirement shall be arranged by the contractor. Necessary temporary connections from local authority / DG set will be arranged by the contractor. No extra claim will be entertained for the same.
- No trees and vegetation shall be cut by the contractor.
- All construction activities and labour movements should be restricted within the area earmarked for these purpose.
- No labour camp is allowed inside IIT Madras campus.
- Firewood collection is strictly prohibited.
- All debris generated in the site premises / material yard should be removed and disposed outside IIT Madras campus. Necessary approval from local authority shall be obtained by the contractor. No additional charges will be paid for the same.
- IIT Madras traffic regulation and speed limit should be followed without any violation.
- In case of violation of any rules by the contractor, penalty will be levied by IIT Madras at the following rate.

Sl.No	Operations	Penalty per day
1	Construction labour shed without approval from Engineer-in-charge	Rs5000/- per shed per day
2	Labour wander in to the nearby areas / buildings / forests.	Rs500/- per person
3	Thrown food items / waste / package item inside or outside the site premises.	Rs1000 per day
4	If water stagnation inside the construction site.	Rs500 per day
5	Dumping of debris and storage of materials outside the barricaded area.	Rs25000 per day

Sl.No	Operations	Penalty per day
6	Improper maintenance of barricade.	Rs5000 per day
7	Improper sanitation of labour toilets	Rs1000 per day
8	Collection of firewood	Rs2500 per day

The above minutes of meeting will become part of the agreement. The contractors are requested to download the minutes of prebid meeting and its annexures from the IIT Madras web site.

**Sd/-**

**Superintending Engineer**