



**INDIAN INSTITUTE OF TECHNOLOGY MADRAS  
ENGINEERING UNIT  
CHENNAI – 600 036**

**Tender No: 56 /2013 – 14/Supply and Installation**

Name of Work	: Supplying and fixing water purifier systems to supply potable water for Kitchen and Dining at Himalaya Mess
Cost of Tender Schedule	: Rs. 525/-
Earnest Money Deposit	: Rs. 12000/-
Last Date and Time of Receipt	: Date: 08 - 04 - 2014 Time: 3.00 P.M
Date and Time of Opening	: Date: 08 -04 - 2014 Time: 3.10 P.M

Certified that the tender document contains 10 (ten) pages only and no alterations and additions have been made by me / us in the quotation document.

**Signature of the Contractor**

**Executive Engineer Civil)**

# INDIAN INSTITUTE OF TECHNOLOGY MADRAS

## CHENNAI-600 036

### Tender No: 56/2013-14/Supply and Installation

On behalf of the Director, Indian Institute of Technology Madras, tenders are invited for the Supplying and fixing water purifier systems to supply potable water for Kitchen and Dining at Himalaya Mess Building at IIT Madras conforming to the specifications given in Annexure – 1 of this schedule.

1. If you are in a position to quote in accordance with the requirements stated in the attached schedule, please download our tender documents from the website [www.tenders.iitm.ac.in](http://www.tenders.iitm.ac.in) under the link **tender notices** and submit your quotation to this Office by specifying your rates in the space provided in the prescribed tender form itself along with two demand drafts (obtained on or after the date of advertisement) for **Rs.525/- & Rs12,000/- drawn in favour of Indian Institute of Technology Madras, payable at Chennai-36 towards cost of the tender documents and EMD respectively. No separate tender documents will be issued by us.**

#### 2. Preparation of Tender:

- 2a. In the event of space on the schedule form being insufficient for the required purpose, you have to submit the rates in the letter head of your company clearly mentioning S.No. and other relevant particulars. Each such additional page must be numbered consecutively, bearing the Tender Number and be fully signed by you. In such cases reference to the additional pages must be made in the tender form.
- 2b. You should quote your rate only for our specification requirements in the format downloaded from our web site.

#### 3. Signing of Tender:

The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the Tender are not fully filled in or not duly signed/authenticated. Specific attention is drawn to the delivery dates and important conditions referred to in Annexure enclosed herewith. Each page of the tender documents required to be signed and bears the official seal of the tenderers.

#### 4. Delivery of Tender:

- 4a. The Original copy of the Tender is to be enclosed in a double cover.
- 4b. The outer cover should be sealed and addressed to the Executive Engineer (Civil) by Name

The tender cover should be sent to:	THE EXECUTIVE ENGINEER (CIVIL) ENGINEERING UNIT ADMIN 3 <sup>RD</sup> FLOOR INDIAN INSTITUTE OF TECHNOLOGY MADRAS CHENNAI-600 036
LAST DATE for receipt of Tender	08-04-2014 before 3.00 PM.

- 4c. The Tender Cover should be super scribed on the left hand side **"TENDER No.56/2013-14/Supply and installation"**.

**4d.** Right is reserved to ignore any tender which fails to comply with the above instructions. Tender should be sent either by REGISTERED POST ACKNOWLEDGEMENT DUE OR THROUGH MESSENGER. If the Tender is sent through messenger, the same has to be dropped in the TENDER BOX kept for this purpose in the office of the Executive Engineer (Civil) (3rd floor of Admin. Building, IIT Madras) before 3.00 PM on due date.

**5. Opening of Tenders:** You are at liberty to be present or authorize a representative to be present at the opening of the tender at the time and date specified in the Schedule.

**6. Validity:** The tender rate should be kept valid for Ninety (90) days from the due date of submission thereof and not to make any modifications in terms and conditions.

**7. Prices:**

**7a.** The prices quoted must be net per unit shown in the schedule and must include delivery charges and other statutory levies.

**7b. The prices quoted by the Tenderer should be inclusive of Sales Tax/VAT and other statutory levies** (and should be clearly stated to be so) which will be paid by the Purchaser/if legally leviable at the rate ruling on the date of supply as specified in the Acceptance of Tender.

**7c. The percentage of tax etc included in the price should be indicated in clear terms. If the inclusive price is not given, we will treat your offered rate as inclusive rate and comparison be made with others.**

**7d.** If at the time of comparison of your offer without taxes etc happens to be lowest, you are bound to supply as per the offered rate only. Hence you are requested to be careful while quoting for the tender.

**7e. No price revision, changes in the specification already given or changes in the terms and conditions etc during the contract period is acceptable.**

We are eligible for concessional VAT/CST on submission of concessional certificate. The Institute is not authorized to issue C and D forms of Sales tax certificate. Hence VAT/CST should be charged at concessional rates as applicable to educational and research institutions run without profit motives, for which necessary certificate will be issued on demand at the time of retirement of documents/payment, wherever applicable.

**8. Terms of Delivery:** Manufacture, Supply, Installation and Commissioning are required by date(s) specified in the Schedule of Tender. The item should be **supplied within 8 weeks** from the date of issue of purchase order.

**9. Right of Acceptance:** The Indian Institute of Technology Madras, Chennai-600 036 does not pledge itself to accepting the whole or any part of the Tender or portion of the quantity offered.

**10. Communication of Acceptance:** Acceptance by the Purchaser will be communicated by Post, if required, and the Company's acceptance to be communicated to us formally in writing. The Institute shall not be responsible for the late receipt of tender documents due to postal and or any other delay. In the event of the date of opening of tender being declared a closed holiday for the Indian Institute of Technology Madras the due date for opening will be in the following working day.

The Tender shall remain open for acceptance/validity till: **08-04-2014**

**Annexure - 1**

**INDIAN INSTITUTE OF TECHNOLOGY MADRAS 600 036**

**ENGINEERING UNIT**

Item No	Description of item	Unit	Quantity	Rate per unit in Rs (Figures and words)	Amount in Rs
1.	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
1a	15mm dia pipe	Rm	54		
1b	25mm dia pipe	Rm	54		
1c	32mm dia pipe	Rm	32		
1d	50mm dia pipe	Rm	180		
2	Supplying and fixing PTMT valves of following diameter				
2a	15mm dia	Each	9		
2b	25mm dia	Each	9		
2c	50mm dia	Each	9		
3	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Litre	15000		
4	Supplying and Installation of UV water Treatment Plant with water purification system consisting of booster pump, sedimentation filter, Activated Carbon Block, column UV- disinfection System with UV lamp life monitoring system, Level Switch and Control Panel etc. The capacity of the treatment system is 2000 LPH with outlet water temperature gradient between 14 <sup>o</sup> deg C to 20 <sup>o</sup> deg C with respect to the inlet water ambient temperature. The system works with a power supply 170 V to 270 V AC 50 Hz single phase.	Each	2.00		

	<p>Raw Water Pump: Mono Bloc Centrifugal with a Flow Rate of 1.3 Cu.mtr/hr Head, 25m, Power- 0.37 Kw single Phase, MOC-CI Body, Make-KBL/Nanfng/Equivalent.</p> <p>Level Switch: FLOATY TYPE with 12 volts DC/230 AC, Body PP, Protection Class-IP 68.</p> <p>Control Panel: With provisions for MCB, Relay Contactor switch and Floaty connections.</p> <p>Treatment System: Sediment Filter with 5 Micron filtration, Nominal 4" Dia and 20" Height Bowl, MOC – PP and Cap of ABS Plastic, Cartridge- PP Spun bonded, Carbon block Filter with 4" Dia and 20" Height Bowl, MOC – PP and Cap of ABS Plastic. UV Filter – Housing SS 304, Lamp – 41 Watt providing a UV dosage of approximately 105mJ/Sq.cm, SS 304 Housing shall be Internally Polished. Electronic ballast for UV lamp with a LED indication of UV Lamp life down counted and indicates failure of UV Lamp. Treated water quality shall be of 6 Log Bacterial and 4 Log viral removal. Reduction of Turbidity to less than 1 NTU, removes free chlorine and organics, removes bad odor and removes microbiological contaminants, In line with continuous Water Supply, Mounting Skid SS 304, Wall Mounted, Weight shall be 18 Kgs [Dry]. Plant Dimension: 800mm [H] x 1230mm[W]x400mm[D].</p> <p>Interconnecting Pipes C-PVC. Power Rating 60 Watts. Input Water Pressure Min. 0.4 Kg/Sq.cm and Max 2 Kg/Sq.cm. Expected Input Water Quality pH 6 to 8, TDS &lt; 500 ppm, Hardness &lt; 150 ppm, Turbidity &lt; 5 NTU, Free Chlorine &lt; 0.5ppm.</p>				
5	Brick work with Fly ash concre blocks of class designation M100 in foundation and plinth and super structure in Cement mortar 1:6 (1 Cement : 6 coarse sand)	Cum	2.00		
6	15mm cement plaster on rough side of single or half brick wall of mix : 1:4 (1 Cement : 4 Coarse sand)	Sqm	5.00		

7	Making connection of GI distribution branch with GI Main of following sizes by providing and fixing Tee, including cutting and threading the pipe etc. complete (50mm to 80mm dia nominal bore)	Each	2.00		
8	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 50mm dia	Each	3.00		
				<b>Total amount in Rs</b>	

Total amount in words (Rs)

**IMPORTANT NOTE:**

1. All tender documents should be filled in and returned duly signed
2. Delivery should be effected within the time frame as given in S.No.8 Page No.3
3. **Fax & E-mail quotations will not be accepted.**
4. Total inclusive price should be quoted in nearest Rupee for manufacture, supply, installation and commissioning at IIT, Madras.

**IMPORTANT CONDITIONS**

The following instructions are to be followed meticulously FAILING WHICH YOUR OFFER WILL NOT BE CONSIDERED:

1. Please mention the Part No., Model No. & Make wherever required and also TNGST/CST/VAT No and Area Code failing which your quotation will be rejected. All of your future correspondences including Invoices should bear the TNGST/CST/VAT No. and Area Code.
2. Quotations should be submitted in Arrack Sealed Cover (Sealing Wax). The quotation should be duly filled in the space provided in the downloaded format only. Quotes given by the tenderers in their own format / letter heads will not be considered at all.
3. Warranty should be given for minimum of **one year** and a comprehensive (Parts + Services) onsite maintenance of **three years** for the supply made for which no additional payment shall be made. The rate should be quoted accordingly.

During the warranty period, the complaint is to be attended within 2 days otherwise your name will not be considered for future tender after forfeiting EMD remitted by you. In addition to above, compensation as decided by the committee and/or the work will be carried out through some other agencies at your risk and cost.

If there is any problem/repair due to defective spare parts and gives continuous trouble, say three times in one month during the Warranty period, you have to replace the parts with new spare parts only without any additional claim.

4. **Delivery Period:**

The delivery of item should be made only on receipt of purchase order from the Institute. The Item should be delivered within 8 week's time. No further extension of time will be allowed.

Any delay beyond the time indicated above will be viewed seriously. If there is any delay without any valid reason and not accompanied by proof, compensation at the following rates will be imposed and necessary recovery will be effected while making payment without any reference to you.

- Delay of 16 to 30 days – 1% of the cost
- Exceeding 30 days to 2 Months – 2% of the cost
- Beyond 2 Months – 5% accompanied by forfeiture of EMD in full.

Non delivery of items will lead to cancellation of Purchase Order without any notice. In addition, action will be taken for removing them from our future enquiry.

5. No Advance Payment will be made for the purchase.

## ANNEXURE -2

### INSTRUCTIONS & SPECIAL CONDITIONS

(To be returned by Tenderer along with the Tender duly signed)

#### 1. GENERAL:

Tenderer should furnish clear declaration as follows:

We declare that I am/we are (tick appropriate sl no.)

- i) An individual;
- ii) A proprietary;
- iii) A Firm in partnership;
- iv) A Limited Company or Corporation.

#### 2. CONDITIONS OF CONTRACT:

Printed or cyclostyled or such terms and conditions of the tenderer, not appearing in the body of the tender will not be considered as forming part of the tender. Tenderer should quote on the basis of the conditions referred to in Para of the invitation to tender and tender papers.

#### 3. PRICE:

- i) Prices must be in Rupees and Paisa. The price should be without Customs Duty and Excise Duty since IIT Madras is exempted from the payment of excise duties and eligible for payment of concessional rate of Customs duty.
- ii) The unit prices should be for the same unit as indicated in the Schedule to tender enquiry and not for any other unit.
- iii) Prices quoted should be for manufacture, supply, installation and commissioning in IIT Madras.
- iv) Discount has to be indicated prominently in terms of percentage only.
- v) **No price revision, changes in the specification will be entertained after opening of the tender.**

#### 4. TRANSIT INSURANCE:

The Purchaser will not pay separately for Transit Insurance.

#### 5. PAYMENT:

- i) Payment will be made only after completion of Manufacture, supply, installation and commissioning of all the items mentioned in the schedule to the entire satisfaction of IIT Madras.
- ii) No Advance Payment will be made.
- iii) Delayed delivery will attract compensation clause Page No.5 Sl.No.4 under "Important Conditions"



**6. TENDERER SHALL SUBMIT ALONG WITH THIS TENDER:**

- i) PAN No. of the company along with proof of PAN card.
- ii) Name and full address of the Banker and their swift code and other bank details.
- iii) Proof of having ISO or other equivalent certification given by appropriate authorities.
- iv) Proof of registration with sales tax /VAT authorities like registration/ TIN number, range etc. in clear terms.

**7. SECURITY DEPOSIT:**

<b>Earnest Money Deposit (EMD)</b>	Rs 12000/- (Rupees twelve thousand only)in the form of demand draft drawn in favour of Indian Institute of Technology, Madras.
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EMD has to be paid along with the tender in the form of Demand Draft drawn in favour of Indian Institute of Technology Madras 600 036 payable at the State Bank of India, IIT Branch, Chennai 600 036. This Earnest Money will be returned to the unsuccessful tenderer after the final disposal of the tenders. EMD will not carry any interest. The EMD will be retained in the case of successful tenderer. The EMD paid will be refunded only after the expiry of guarantee period. EMD will not be waived under any circumstances. EMD will be forfeited in the case of non-execution of the order within the due date. Non submission of EMD will lead to rejection of tender at the opening stage itself.

**8. GUARANTEE:**

The tenderer has to declare that the goods supplied and installed to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications. Tenderer should give minimum one year guarantee period for which the said goods/articles/spare parts would continue to confirm to the specifications.

The guarantee period will be effected from the date of delivery of items specified in the schedule.

**9. JURISDICTION:**

All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the Chennai jurisdiction only.

**10. ACKNOWLEDGMENT:**

It is hereby acknowledged that we have gone through all the points listed in the main Page No. 1 to 5, those in the accompanying note on "Important Conditions" Page No. 5, and under "Instructions & Special Conditions" Page No. 6 to 8 outlined above, and we agree to abide by them under the penalty of permanent disqualification for Tender participation and for related penal actions for non-abidance of the conditions.

**Signature of the Contractor**

**Executive Engineer (Civil)**