



# INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY

Shibpur, P.O. Botanic Garden (Formerly Bengal Engineering and Science University)

HOWRAH (West Bengal, India)-711103

Phone: 033 26684561

## Notice Inviting Tender

Tender No: **07/AR.REG/22-23**

Date: **11.04.2022**

Sealed quotations are invited from bonafide Contractor for **Routine sanitary and plumbing maintenance work of buildings and structures (excluding main building, 8 storied building, M. N. Dastoor building and Library building) inside the IEST, Shibpur campus.**

The quotation will be received in the drop box.

<b>Important Information</b>	
Drop Box at	Stores & Purchase Section
Start date of tender Submission	26.04.2022
Time	Between 11:00 am and 5:00 pm (on all working days)
Last date of tender submission	09.05.2022 at 02:00 pm
Tender Opening date	<b>To be notified later via e-mail/phone/SMS by the office of the Superintendent Engineer.</b>
Tender Opening place	

REGISTRAR

### Terms & Conditions: -

1. To qualify for award of the contract the bidder should have valid civil license and should have satisfactorily completed at least one similar work.
2. Quotation are to be submitted as per above mentioned format along with GST, PAN, Valid Trade License.
3. All rates quoted should be inclusive of all taxes, levies & duties and Labor Welfare Cess, the rates should be quoted both in figures and words. Request for inclusion of any tax/levy at later stage will not be entertained.
4. Transportation, Packing, Forwarding and Insurance Charges if any to be charged should be specifically indicated.
5. The Institute reserves the right to accept or reject all or any of the tenders without assigning any reason whatsoever. The decision of the Institute shall be final in case of any dispute.
6. The work should be completed within 15 days of issuing of order.
7. Materials & accessories supplied/used should be as per specification and of Approved Quality (B.I.S.) or by the authorised officer of IEST, Shibpur.
8. The work should be completed within stipulated period as indicated in the work-order. A Liquidated damages @ 0.5% per week, subject to maximum of 10% of the value of work-order, beyond which the Employer may cancel the Contract.
9. Bills in Triplicate should be presented for payment within 15days of supply/completion of work.
10. The Order no. is to be noted on both challan & Bill.
11. All bills are to be accompanied by order copies and challans as received.
12. Payment will be made within 60 days of Submission of proper bills, challans etc. by A/c payee cheque, no Cash payment will be made under any circumstances.
13. Date of submission of quotation is **09.05.2022 up to 02:00 pm at the Stores & Purchase Section.**
14. **Date & place for opening of tender will be notified later by the office of the Superintendent Engineer.**

(D. Chakrabarty)  
Assistant Registrar  
Stores and purchase

Copy forwarded for information and necessary action to:

1. Institute Website
2. All Notice Board
3. Suptd. Engineer, IEST, Shibpur

**INDIAN INSTITUTE OF ENGINEERING, SCIENCE & TECHNOLOGY, SHIBPUR,**

**HOWRAH-711103**

**BOQ FOR THE WORK OF: Routine sanitary and plumbing maintenance work of buildings and structures (excluding main building, 8 storied building, M. N. Dastoor building and Library building) inside the IEST, Shibpur campus.**

Sl No	Description of items of work (Based on PWD schedule of rates w.e.f. 01.11.2017)	Unit	Unit Rate (Rs)	Quantity	Amount (Rupees)
1	Labour for dismantling G.I. pipe with fittings. (Page 24, Item 1)				
	(i) 15 mm	Mtr.	6.00	20.00	120.00
	(ii) 20 mm	Mtr.	6.00	20.00	120.00
	(iii) 25 mm	Mtr.	6.00	20.00	120.00
2	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials.) a) For Exposed Work (i) CPVC Pipes Class-1, SDR-11 (Page 29, Item 1)				
	(a) 15 mm dia.	Mtr.	106.00	50.00	5300.00
	(b) 20 mm	Mtr.	143.00	40.00	5720.00
	(c) 25 mm dia.	Mtr.	208.00	24.00	4992.00
3	Supply of Chlorinated Polyvinyl Chloride (CPVC) pipes & fittings conforming to IS-15778: 2007 p-30, i-2				
	(U) Male threaded adopter (Brass threaded)				
	(a) 15 mm dia.	each	104.00	8.00	832.00
	(b) 20 mm	each	118.00	10.00	1180.00
	(c) 25 mm dia.	each	251.00	12.00	3012.00
4	Refixing G.I. pipe with fittings after cleaning where necessary. (Page 24, Item 2)				
	(i) 15 mm	Mtr.	6.00	10.00	60.00
	(ii) 20 mm	Mtr.	6.00	10.00	60.00
	(iii) 25 mm	Mtr.	6.00	10.00	60.00
5	Opening out leaky water supply pipe and making the joints water tight (i) upto 40 mm dia (Page 25, Item 6)	each	59.00	140.00	8260.00
6 a	Removing chokage in G.I. pipe including cleaning pipe (Page 24, Item 3)				
	(i) 15 mm	Mtr.	7.00	200.00	1400.00
	(ii) 20 mm	Mtr.	7.00	150.00	1050.00
	(iii) 25 mm	Mtr.	7.00	100.00	700.00

6 b	Supplying, fitting and fixing bib cock or stop cock. (e) PTMT (Polytetra Bib Cock / Stop Cock ( Prayag or equivalent) (Page 6, Item 7 e)	each	154.00	100.00	15400.00
	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint (ii) 550 mm X 400 mm size (Page 41, Item 2)	each	2208.00	3.00	6624.00
8	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. (ii) 630 mm X 550 mm size (Page 42, Item 6)	each	3788.00	1.00	3788.00
9	Supplying, fitting and fixing pillar cock of approved make (Page 45, Item 19)				
	a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	each	555.00	4.00	2220.00
	b) PTMT Pillar Cock - 15 mm. (Prayag or equivalent).	each	222.00	40.00	8880.00
10	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. (iii) 600 mm long (Page 43, Item 9)	each	107.00	50.00	5350.00
11	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (iii) 900 mm long (Page 43, Item 10)	each	75.00	40.00	3000.00
12	Removing chokage of water closet. (Page 86, Item 20)	each	26.00	150.00	3900.00
13	Removing chokage of urinal and waste trap. (Page 86, Item 21)	each	26.00	150.00	3900.00
14	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (Page 81, Item 10)	each			
	(a) E.W.C. (ii) Plastic (hallow type) white	each	380.00	5.00	1900.00
	(b) Anglo Indian (ii) Plastic (hallow type) white	each	485.00	5.00	2425.00
15	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 (Page 68, Item 23)	Mtr.			
	(A) (i) Single Socketed 3 Meter Length (b) 110 mm	Mtr.	292.00	12.00	3504.00
	(ii) Double Socketed 3 Meter Length (b) 110 mm	mtr.	315.00	12.00	3780.00
	(vi) Door Y (LH) & (RH) (b) 110 mm	each	276.00	5.00	1380.00
	xii) Door Bend (LH) & (RH) (b) 110 mm	each	284.00	5.00	1420.00
16	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer in-charge. (Payment will be made on centre line measurement of the total pipeline including specials. (A) Above ground (ii) 110 mm dia. (Page 74, Item 24)	Mtr.	57.00	24.00	1368.00
17	Supplying, fitting and fixing low-down cistern parts. (Page 38, (b) Repair Works Item 1)				
	(i) Internal fittings for cistern complete of approved make.	each	284.00	50.00	14200.00

		set			
	(ii) Outlet Assembly	each	279.00	20.00	5580.00
	(iii) Intlet Assembly	each	64.00	20.00	1280.00
	(iv) Rubber Kid	each	304.00	20.00	6080.00
	(v) Knob	each	304.00	20.00	6080.00
18	Cleaning silt of inspection pit (Page 96, Item 2)	each	154.00	50.00	7700.00
19	Supply of galvanised iron socket with I.S.I. mark. (Page 103, Item 2)				
	(i) 15 mm dia	each	15.00	25.00	375.00
	(ii) 20 mm dia	each	22.00	10.00	220.00
	(iii) 25 mm dia	each	32.00	10.00	320.00
20	Supply of G.I. plain tee of approved brand and make (Page 106, Item 8)				
	(i) 15 mm dia	each	25.00	25.00	625.00
	(ii) 20 mm dia	each	41.00	25.00	1025.00
21	Supply of long screw (150 mm long) of TATA make with sockets (TATA make) and jamnut.(Page 108, Item 12)				
	(i) 15 mm dia	each	32.00	15.00	480.00
	(ii) 20 mm dia	each	45.00	15.00	675.00
	(iii) 25 mm dia	each	59.00	15.00	885.00
22	Supply of G.I. short piece of TATA make (Above 50mm & upto 150 mm long) (Page 110, Item 15)				
	(i) 15 mm dia	each	46.00	10.00	460.00
	(ii) 20 mm dia	each	60.00	15.00	900.00
	(iii) 25 mm dia	each	73.00	15.00	1095.00
23	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm (Page 82, Item 19)	each	613.00	5.00	3065.00
23	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approved make without fittings and brackets. White (Page 36, Item 3)	each	1367.00	2.00	2734.00
24	Supplying, fitting and fixing Waste fittings complete. (a) C.P. over brass 32mm (Page 44, Item 17)	each	190.00	10.00	1900.00
25	Scraping the hard scum of 'S' trap carefully to render the flushing flow easy after soaking with strong acid through W.C. pan on floor and also cleaning through flanged junction door underneath the ceiling including necessary scaffolding and resetting the flanged door watertight by putty joints by methor labour. (Page 78, Item 13)	each	87.00	60.00	5220.00
26	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (a) With 'P' trap (with vent)( page-79, item 3)	each	3104.00	2.00	6208.00
27	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (b) With 'S' trap (with vent) ( page-79, item 3)	each	3287.00	2.00	6574.00
<b>Total</b>					<b>175506.00</b>
<b>Add GST 12%</b>					<b>21060.72</b>
<b>Add Cess 1%</b>					<b>1755.06</b>
<b>Total value of work</b>					<b>198321.78</b>

**To qualify for award of the contract the bidder: -**

(a) should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 1,00,000/- (Rupees one lakh only)

**Security Deposit:**

The employer shall retain 10% from each payment due to the contractor as security deposit which shall be released when the Period of Maintenance has passed and Engineer has certified that all defects notified by the Engineer to the Contractor before the end of this period have been corrected.

**Period of Maintenance.**

The "Period of Maintenance" for the work is twenty four months from the date of taking over possession of the completed works or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer

I / We offer to execute the Works described in the Bill of Quantities of the Tender Document in your letter / tender no referred to above in accordance with the Conditions of Contract enclosed therewith at \_\_\_\_\_ percentage above / below (\*) the estimated rates, i.e. for a total Contract Price of

Rs. \_\_\_\_\_ [in figures] \*

Rs. \_\_\_\_\_ [in words]"

Authorized Signature :

Date: \_\_\_\_\_