

**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 26681503, 033 26684561 Fax: 033 26682916

Tender No:-39/DY.REG./19-20

Date:- 30.09.2019

Notice Inviting Tender

Sealed quotations are invited from bonafide Contractors for repairing work of Sanitary & plumbing at Lt. William hall in the campus of IEST, Shibpur.

The quotation will be received in the drop box at the Office of the Registrar, Purchase section between 11.00 a.m and 5.00 p.m on all working days latest by 15.10.2019. Opening on 16.10.2019 at 1.30 p.m.at the Office of the University Engineer.

REGISTRAR

Terms & conditions:-

1. All rates quoted should be inclusive of all taxes, levies & duties. The rate should be quoted both in figures and words.
2. The work should be executed carefully without damaging existing underground / overhead service lines (Water, Electricity, Sewerage lines)
3. Bidder should visit the site and assume the quantity of the work prior to submission of tender.
4. No advance payment can be made
5. The Order no is to be noted on both Challan & Bill
6. Payment will be made on submission of proper bill, Challan etc., by A/C payee cheque. No cash payment will be made under any circumstances
7. Copies of the PAN Card & GST Registration Certificate and Trade License and Professional TAX Certificate should be attached with the quotation
8. Contractors / Bidders are requested to inspect the site before submitting the quotation.
9. Work should be completed within 15 days after receiving the work order.

Dy.Registrar,
(Purchase & Store)
IEST, Shibpur

Copy forwarded for information and necessary action to:

1. Institute Website,
2. Notice board,
3. University Engineer.

BOQ FOR THE WORK OF: Emergent repairing work of Sanitary & plumbing at Lt. William hall.

Sl No	Description of items of work (Based on PWD schedule of rates w.e.f. 01.11.2017.)	Unit	Unit rate	Quantity	Amount (Rs.)
1	Dismantling H.C.I. pipe with fittings including melting lead caulked joints. P 76- it 1iv) 150 mm				
	(iii) 100 mm	m	64.00	54.40	3481.60
2	Supplying, fitting & fixing H.C.I. bend without door conforming to I.S.S. including jointing complete and painting two coats to the exposed surface with approved paint complete (a) With valamoid joints including sealing the top with cement mortar (4:1)(ii) 100 mm dia.P-62,I-5				
		each	496.00	6.00	2976.00
3	Supplying, fitting & fixing Cast iron single branch equal with door conforming to I.S. 1729/2002 including joining and painting two coats to the exposed surface with approved paint complete. (Payment of Painting will however be paid seperately). (a) With valamoid joints including sealing the top with cement mortar .100 mm dia (4:1)P-60,i-2				
		each	794.00	6.00	4764.00
	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989/ 2009 and 1729/ 2002 including lead caulked joints and painting two coats to the exposed surface. (Painting to be paid seperately). (A) 'P' Trap 100 mm p-65,i-14				
		each	948.00	4.00	3792.00

4	Supplying, fitting and fixing cast iron extension pipes for using in Traps only (connector) conforming to I.S.3989/2009 and 1729/2002 including lead caulked joints complete and painting two coats to the exposed surface with approved paint complete p-66, 15				0.00
	(ii) 100 mm X 225 mm	each	511.00	12.00	6132.00
	(iii) 100 mm X 300 mm	each	555.00	12.00	6660.00
5	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/ 2009 and I.S. 1729/2002 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete				0.00
	(a) With valamoid joints including sealing with sand cement mortar (4:1) upto quarter depth. P-60,i-1	m	688.00	7.20	4953.60
6	Refixing H.C.I. pipe with fittings including lead caulked joints (with the old molten lead p-76-i-2	m	71.00	47.20	3351.20
7	Supplying, fitting and fixing Shallow water closet Indian pattern (I.P.W.C.) of approved make in white vitreous chinaware in position (excluding cost of p-79, i-1 concrete for fixing).				0.00
	(i) 580 mm long	each	973.00	3.00	2919.00
8	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.(b) With 'S' trapp-79, i-1	each	1512.00	3.00	4536.00

9	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.. pg-203, itm-1	sqm	21.00	450.64	9463.44
10	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed. Pg11, itm-10	sqm	19.00	90.13	1712.47
11	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping untill hard surface is exposed, cutting the concrete to regular shape, wire brushing the exposed surface and removing debris from site complete as per direction of the p-45,i-1	m2	90.00	40.00	3600.00
12	(a) Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department] pg-45 itm-8	m2	309.00	40.00	12360.00
13	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. pg-40 itm-27				
	b) 25 mm thick	m2	507.00	40.00	20280.00

14	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]pg-189, itm-1	Sq.M			0.00
	(b) 20 mm thick plaster		156.00	90.13	14060.28
15	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats Pg 196, itm-10	m2	70.00	450.64	31544.80
16	Supplying, fitting and fixing Waste fittings complete.p-44,i-17				0.00
	(a) C.P. over brass (ii) 32 mm	each	238.00	20.00	4760.00
17	Supplying, fitting and fixing bib cock or stop cock. (Section A II, Item - 7)				0.00
	(e) PTMT (Polytetra Bib Cock / Stop Cock (Prayag or equivalent) 15 mm	each	154.00	24.00	3696.00
18	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 p-43,i-i-9	each	107.00	16.00	1712.00
19	Supplying, fitting and fixing low-down cistern parts. (iv) Rubber Kid Section A III , Item - 1)				
	(ii) Outlet Assembly	Each	279.00	3.00	837.00

	(v) Knob	Each	304.00	3.00	912.00
20	Removing chokage of water closet.	each	12.00	10.00	120.00
21	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 73, Item 13)	each	87.00	30.00	2610.00
22	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. will be made for accessories, specials. (a) For Exposed Workp-24,-1	m			
	15 mm	m	106.00	33.00	3498.00
	20 mm	m	177.00	12.00	2124.00
	25 mm	m	208.00	6.00	1248.00
	50 mm	m	658.00	10.40	6843.20
23	Supplying, fitting and fixing dome shaped C.P. waste grating for urinals.P-46,i-23(ii)				
	(ii) 50 mm	each	254.00	20.00	5080.00
24	Cleaning white glazed channels with acid. (Page 79, Item 17)	Mtr.	10.00	300.00	3000.00
25	Washing and cleaning with oxalic acid powder using 33 gms./sq.m. P . 48 I- 22	% Sq. M			
	(a) Marble floor/ marble dado	Sqm.	7.51	200.00	1502.00

26	Cutting holes and subsequent mending good page 12, it-12				0.00
	(a) Diameter upto 150 mm/In concrete work (plain or R.C.) [Ce.	mtr	131.00	2.50	327.50
Total					174856.09
Add 12% for GST					20982.73
Add 1 % for cess					1748.56
Value of work					197587.38
<p>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 twelve 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</p>					
<p>I / We offer to execute the Works described in the Bill of Quantities in Part II 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</p> <p>Rs. _____ [in figures] *</p> <p>Rs. _____ [in words]"</p> <p>Authorized Signature : _____ Date: _____</p>					