

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY
SHIBPUR, P.O. Botanic Garden (Formerly Bengal Engineering And Science University)
HOWRAH (West Bengal, India)-711103**

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Tender No:-48/DY.REG./19-20

Date:- 08.11.2019

Notice Inviting Tender

Sealed quotations are invited from bonafide Contractors for Emergent **repairing, painting , Sanitary plumbing and other miscellaneous work at Quarter no. B -158** in the campus of IEST, Shibpur.

The quotation will be received in the drop box at the Office of the Registrar, Stores & Purchase section between 11.00 a.m and 5.00 p.m on all working days latest by 15.11.2019. Opening on 18.11.2019 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,
(Store & Purchase)
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 repair, painting , Sanitary plumbing and other miscellaneous work at B -158 inside the 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	Stripping off worn out plaster and raking out joints of walls, ceilings etc. up to any height and in any floor including removing rubbish within a lead of 75m as directed. (Page 11, Item 10)	Sqm	19.00	22.50	427.50
1 a	Dismantling artificial stone flooring up to 50 mm. thick by carefully chiseling without damaging the base and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof. (Page 11, Item 6)	Sqm	50.00	14.00	700.00
	b) Extra for each addl. Floor over the rate of ground floor	Sqm	12.00	14.00	168.00
2	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] (Page 189, Item 1)	Sqm			
	(i) With 1:6 cement mortar (b) 20 mm thick plaster	Sqm	160.00	22.50	3600.00
3	Removing old scales, blisters etc. of interior surface of walls, ceiling by scraping etc. and preparing smooth and even surface with rendering or cement mortar (1:2) (as necessary), to make the surface suitable for receiving distemper. (Payment against this item will be made only when this has been done on the specific direction of the Engineer-in-charge). (Page 198, Item 4)	Sqm	10.13	478.29	4845.08

4	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) (Page 198, Item 5)	Sqm	122.00	95.66	11670.52
5	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification)including cleaning and smoothening of surface.Two Coats(Page 196, Item 10)	Sqm	70.00	478.29	33480.30
6	(a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. (Page 200, Item 1)	Sqm	38.00	81.24	3087.12
7	(b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc (Page 200, Item 1)	Sqm	29.00	24.75	717.75
8	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :				0.00
	a) On timber or plastered surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white) (page 200, Item 2)	Sqm	81.00	81.24	6580.44
	(b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white) (page 200, Item 2)	Sqm	79.00	24.75	1955.25

9	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) (i) 3 mm thick (weighing 7.4 kg/Sq.m) (page 205, Item 1)	Sqm	477.00	1.08	515.16
10	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria..(ii) 66mm x 70mm(page 115 Item 3)	Mtr.	497.00	11.20	5566.40
11	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. (ii) 32 mm thick (page 125, Item 14)	Sqm	2763.00	3.52	9725.76
12	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.				0.00
	(B) Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (i) Coloured decorative (page 64 , item 35)	Sqm	903.00	21.60	19504.80
	(A) Floor With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (i) Coloured decorative (page 64 , item 35)	Sqm	1098.00	8.32	9135.36

12	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. (b) Sink with drain board 1050 mm X 450 mm X 180 mm (Page 42, item 6)	Each	5006.00	1.00	5006.00
13	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. (iii) 630 mm X 450 mm size (Page 41, item 2)	Each	3260.00	1.00	3260.00
14	Supplying, fitting and fixing pillar cock of approved make. b) PTMT Pillar Cock - 15 mm. (Prayag or equivalent). (Page 45, item 19)	Each	222.00	6.00	1332.00
14 a	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	2.00	214.00
15	Supply of PVC pipes & fittings Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). (A) PVC Pipes 40 mm (Page 13, item 19 III)	Mtr.	207.00	8.00	1656.00
16	(C) Elbow 40 mm	Each	69.00	2.00	138.00
17	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufacture from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated (x) 300mm long x 12mm dia. bolt. (Page 144 , Item 26)	Each	151.00	14.00	2114.00
17 a	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. (vii) 100mm. X 58mm. X 1.90mm. (Page 140, Item 5)	Each	47.00	12.00	564.00
17 b	Easing door and windows. (Page 152 , Item 33)	Each	17.00	12.00	204.00

18	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 83, Item 19)	Each	613.00	2.00	1226.00
18 a	Supplying, fitting and fixing towel rail with two brackets. (b) Aluminium (ii) 25 mm dia. and 600 mm long	Each	164.00	2.00	328.00
18 b	Supplying, fitting and fixing soap holder(a) PTMT (Prayag or equivalent)	Each	135.00	2.00	270.00
19	Supplying, fitting & fixing granite slab 15mm to 18mm thick in floor, lobby, stair, landing and treads etc. over 20mm (avg) thick base of cement mortar (1:2) laid with white cement slurry @ 4.40Kg per Square meter before placing of granite and jointed with white cement slurry @ 2.0 Kg per square meter with necessary pigments and complete as per direction of Engineer-in-charge including cost of all materials, labours, curing and roughening of concrete surface complete. In ground floor (c) Area of each Granite slab above 1.00 Square meter. (Page 63, Item 34)	Sqm	3456.00	9.60	33177.60
19 a	(Add extra for each addl. floor over the rate (I) upto 4 th floor- Rs. 12/-per Sq.m	Sqm	24.00	6.00	144.00
20	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 p-29,i-1				0.00
	15 mm	mtr	106.00	14.00	1484.00
	25 mm	mtr	208.00	14.00	2912.00
21	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (a) E.W.C. (iii) Bestolite (solid type) black	each	535.00	1.00	535.00
22	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc	each	1015.00	1.00	1015.00

23	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement (iii) 35 mm. thick	Sqm	316.00	14.00	4424.00
24	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge(Page 9, Item 13)	Cum.	168.00	2.40	403.20
25	Labour for cleaning and washing the floor garbage	Nos	281.00	4.00	1124.00
Total					173210.24
Add 12% for GST					20785.23
Add 1 % for cess					1732.10
Value of work					195727.57
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					

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

Rs. _____ [in figures] *

Rs. _____ [in words]"

Authorized Signature :

Date: _____