

**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:-54/DY.REG./19-20

Date:- 28.11.2019

Notice Inviting Tender

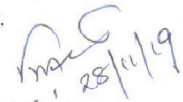
Sealed quotations are invited from bonafide Contractors for Emergent renovation of the room of Dean IRAA at 6 th Floor of eight storied building in the campus of IEST, Shibpur.

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 06.12.2019. Opening on 09.12.2019 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,
(Stores & 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 renovation of the room of Dean IRAA at 6 th. Floor of eight storied building.

SI 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 Chipping of concrete surface before taking up Plastering work. (PWD Page192, Item 1)	Sqm.	21.00	31.35	658.35
2	125 mm. thick brick work with 1st class bricks in cement mortar (1:3) in ground floor. (PWD 3rd CORRIGENDA Page 3, Item 9)	Sqm.	752.00	21.09	15859.68
3	Add extra for each additional floor over the rate for ground floor on items from (16 to 22 and 25) except 18 of subhead A (b) above 4th floor (PWD Page18, Item 26)	Sqm.	13.00	126.54	1645.02
4	Extra for using approved H.B netting in every third layer in 16 & 17 of subhead A above in any floor (PWD Page 16, Item 18)	Sqm.	41.00	21.090	864.69
5	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety (PWD Page 26, Item 10 i)	Cum.	5657.27	0.11	605.33
6	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed under 12 (e) for every 4 m or part thereof) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. (PWD Page 42, Item 36)	Sqm.	334.00	2.42	809.28

7	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.(a) For works in foundation and upto roof of ground floor/upto 4 m(i) Tor steel/Mild Steel. SAIL/TATA/RINL(Page 43,44, item 40 a)	KG	58.10	50.00	2905.15
8	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] (ii) With 1:4 cement mortar (a) 20 mm thick plaster (PWD 3rd CORRIGENDA Page 49, Item 1)	Sqm.	180.00	37.62	6771.60
9	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] (ii) With 1:4 cement mortar (a) 20 mm thick plaster (PWD 3rd CORRIGENDA Page 49, Item 1)	Sqm.	180.00	42.92	7725.60
10	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. (PWD Page 203, Item 1)	Sqm.	21.00	124.96	2624.16
11	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick) (PWD Page 204, Item 5)	Sqm.	122.00	124.96	15245.12
12	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) b) Two Coats i) Water based interior grade Acrylic Primer (PWD Page 195, Item 7)	Sqm.	44.20	124.96	5523.23

13	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) :(Two coats)ii) Luxury Quality(PWD Page 201, Item 4)	Sqm.	70.00	124.96	8747.20
14	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. (PWD Page 200, Item 1b)	Sqm.	38.00	13.44	510.72
15	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 : (a) On timber or plastered surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white) (PWD Page 200, Item 2Ab)	Sqm.	81.00	13.44	1088.64
16	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). (e) Sal : Malaysian (PWD Page 114, Item 1)	Cum.	83218.00	0.09	7739.27
17	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. (a) 35 mm thick shutters (single leaf) (PWD Page 224, Item 11)	Sqm.	2659.00	6.72	17868.48
18	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 205/66) and fitted and fixed with cadmium plated screws: (v) 100 x 63 x 3.2mm. (PWD Page 145, Item 29)	Each	72.00	8.00	576.00
19	Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete. (PWD Page 143, Item 16)	Each	1954.00	2.00	3908.00

20	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:-(A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDMgasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC.The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene /EPDM gasket, locking arrangement and rollers.i) 2 track sliding window.(PWD Page 239, Item 2)	Sqm.	696.00	8.40	5846.40
21	Supplying PVC rollers for sliding windows as per direction of Engineer in charge. (PWD Page 142, Item 6)	Each	14.00	8.00	112.00
22	Supplying maruti lock (100mm) (PWD Page 142, Item 7)	Each	46.00	2.00	92.00
23	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contrr]e) (II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm [Applied directly over finished artificial stone floor/ mosaic etc.] (A) Deep Colour & White (PWD Page 66, Item 36)	Sqm.	1789.00	34.71	62096.19

24	Dismantling carefully wooden walling, flooring of ceiling and stacking dismantled materials as directed (Page 13, Item 17)	Sqm.	14.00	22.200	310.80
				A. Total	170132.92
				B. Add GST @ 12%	20415.94991
				Labour welfare cess@1% of C.	1701.33
				C. Cost of work	192250.19

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: _____