

**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:-58/DY.REG./19-20

Date:- 05.12.2019

Notice Inviting Tender

Sealed quotations are invited from bonafide Contractors for Emergent expansion and renovation of a faculty room in the Civil Engineering Department 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 13.12.2019. Opening on 16.12.2019 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 06 months or completion of contractual value 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.

ESTIMATE FOR THE WORK OF: Emergent expansion and renovation of a faculty room in the Civil Engineering Department.

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	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof. (PWD Page 10, Item 1)	Cum.	447.00	2.16	965.52
2	b) Extra rate for each addl. Floor over the rate of ground floor (PWD Page 10, Item 1)	Cum.	50.00	4.32	216.00
3	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	14.40	10828.80
4	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 (a) upto 4th floor (PWD Page 18, Item 26)	Sqm.	12.00	28.80	345.60
5	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	14.400	590.40
6	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	28.80	5184.00
7	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damaes complete. (Concrete and brick work for mending damage will be paid separately) (b) Above area 2.5 Sq.m (PWD Page 152, Item 30)	Sqm.	146.00	10.08	1471.68

8	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts) , reassembling and refitting and rehanging same with old fittings but with new screws as necessary. (PWD Page 152, Item 31)	Sqm.	126.00	12.48	1572.48
9	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately) (c) 40mm X 6mm, 125mm Length (PWD Page 140, Item 4)	Each	20.00	18.00	360.00
10	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	3.22	8561.98
11	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	18.00	1296.00
12	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws: (v) 150mm long x 12mm dia. bolt. (PWD Page 144, Item 26)	Each	88.00	4.00	352.00
13	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. (i) 250mm x 16mm dia bolt. (PWD Page 145, Item 28)	Each	233.00	1.00	233.00

14	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: (a) With continuous plate base (Hexagonal/ Round rod) (vi) 150 mm grip x 10 mm dia rod. (PWD Page 145, Item 30)	Each	97.00	4.00	388.00
15	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	148.89	3126.69
16	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	148.89	18164.58
17	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 (PWD Page 196, Item 10)	Sqm.	70.00	148.89	10422.30
18	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	75.03	2851.14
19	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	75.03	6077.43
20	Labour for Chipping of concrete surface before taking up Plastering work. (PWD Page 192, Item 1)	Sqm.	21.00	23.01	483.21

21	<p>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 contractor)</p> <p>(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.]</p> <p>(A) Deep Colour & White (PWD Page 66, Item 36)</p>	Sqm.	1789.00	23.01	41164.89
22	<p>Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In- Charge. (Payment will be made on finished length of the work).</p> <p>(A) In 10-12 Micron thickness Anodizing film D) Natural white g) Fixed glazing. (PWD Page 233, Item 1)</p>				
	i) Top, bottom and side member.	Metre	321.00	6.800	2182.80
23	ii) Mullion. (PWD Page 233, Item 1)	Metre	339.00	1.40	474.60
24	iii) Glazing clip. (PWD Page 233, Item 1)	Metre	50.00	19.20	960.00

25	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 EPDM gasketing 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. iv) Fixed glazing. (PWD Page239, Item 2)	Sqm.	765.00	2.80	2142.00
26	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. iv) 5mm thick coloured / tinted / smoke glass.. (PWD Page243, Item 9)	Sqm.	585.00	2.60	1521.00
A. Total					121936.10
B. Add GST @ 12%					14632.33
Labour welfare cess@1% of A					1219.36
C. Cost of work					137787.79
<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)</p> <p>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.</p> <p>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>					

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: _____