

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: 27/DY.REG/20-21

Date: 17.02.2021

Sealed quotations are invited from bonafide Contractors for **Renovation of existing PCO booth located near 2nd Gate for establishing Haringhata facility inside the campus of IEST, Shibpur, Howrah – 711103.**

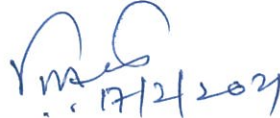
The quotation will be received in the drop box.

Important Information	
Drop Box at	Office of Deputy Registrar, Stores and Purchase
Start date of tender Submission	17.02.2021
Time	Between 11:00 am and 5:00 pm (on all working days)
Last date of tender submission	01.03.2021 at 02:00 pm
Tender Opening date	02.03.2021 at 01:30 pm
Tender Opening place	Office of the Superintendent Engineer

REGISTRAR

Terms & Conditions:-

1. All rates quoted should be inclusive of all taxes, levies & duties. The rates should be quoted both in figures and words. Request for inclusion of any tax/levy at later stage will not be entertained.
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 bills, challans etc. by A/c payee cheque/ NEFT. 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. The work should be completed within **15 days** after receiving the work-order.
10. 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.
11. 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.


(S. N. Datta)
Deputy 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: Renovation of existing PCO booth located near 2nd Gate for establishing
Haringhata facility 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, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed. (Page 11, Item 10)	Sqm.	19.00	95.20	1808.80
1(b)	ceiling	Sqm.	19.00	9.05	171.95
2	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling 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	16.75	837.50
3	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	95.20	15232.00
	(ii) With 1:4 cement mortar (b) 15 mm thick plaster	Sqm	156.00	9.05	1411.80
4	(b) Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand (1.5mm thick) (Page 198, Item 5)	Sqm	122.00	52.20	6368.40
5	Supplying, fitting & fixing 1st quality Ceramictiles 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.				
	(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	19.98	18041.94
	(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	2.86	3140.28

6	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 applicatio 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	Sqm			
6	II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mmp(A) Deep Colour & White-P-66,I-36 b	Sqm	1789.00	20.35	36406.15
7	Supplying & laying as per IRC-SP:063-2004 paver unit of any shade of approved quality as per relevant IS code, laid in pattern as directed in pavement, footpath, driveway (paver block only), etc including necessary underlay complete in all respect with all labour and material. [Border concrete if necessary to be paid separately].p-74,48Note: Sub-grade CBR should not be less than 5.(Page 74, Item 48)	Sqm	873.00		
	a) 25 mm thick Tiles as per IS: 1237-2012 for footpath,ramp,staircase of public building(over 25 mm thick(ii) Coloured Decorative (Avg) Cement mortar (1:3) & Cement Slurry @ 4.4 kg/Sq.m at back side of Block. Cement for Mörta & Slurry to be supplied by Depar	Sqm.	873.00	12.00	10476.00
8	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. (Page 16 , Item 16)	m2	714.00	3.50	2499.00
9	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 (Page 196, Item 10)	Sqm	70.00	52.25	3657.50
10	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC Two Coats pg-196 itm-8(a)	m2	31.40	53.40	1676.76
11	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. pg-197, itm-17				
	a) Normal Acrylic Emulsion	m2	67.00	53.40	3577.80
13	a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (ii) Grill weighing above 16 Kg./sq.mtr and above (Page 104, item 13)	qntl	70.46	175.00	12330.50

14	Taking out carefully G.C.I. or C.I. or asbestos sheets (including ridges etc.) from roof or wall after unscrewing bolts, nuts, screws etc. and stacking the material at site as directed. Page No. 11, Item No. 8				
	Roof	Sqm.	41.00	10.50	430.50
15	Supplying, fitting & fixing Zn-Al alloy (55% Al & 45% Zn) coating of 150 grams per sq. metre (followed by colour coated on both side) steel sheet work having minimum yield strength of 550 Mpa of trapizoidal profile of approved make (excluding the supporting frame work) fitted and fixed with 55 mm & 25 mm self tapping screw, EPDM Washer 16 mm dia & 3 mm th. washer etc. complete with 150 mm end lap and one corrugation minimum side lap. (Payment to be made on area of finished work). (i) In Roof:- a) With 0.5 mm thick sheet Page No. 82, Item No. 14	Sqm.	896.00	10.50	9408.00
16	M.S. structural works with hollow sections (square or rectangular shape) conforming to IS: 806-1968 & IS:1161-1998) connected to one another with bracket, gusset, cleat as per design, drawing & direction of Engineer-in-Charge complete including cutting to requisite shape & size, fabrication including metal arc welding conforming to IS: 816-1969 & IS: 9595 using electrodes of approved make and brand conforming to IS:814-2004, haulage, hoisting and erection all complete. The rate includes the cost of all M.S. Hollow section, all consumables such as electrodes, gas and hire charges of all tools and plants and labour required for execution and all incidental charges (such as electricity, labour insurance) etc. complete. Payment to be made on the basis of calculated weight of structural members of MS Hollow Section as specified in relevant IS code in finished work. Payment for gusset, bracket, cleat may be made by adding the actual weight of such items with weight of finished structural members. The rates are considered for a height of erection 8 m. / 2nd floor level from the ground. Add 1.5 % extra over the rate for each additional floor or 4m. beyond the initial 8 m. or part thereof. i) For roof truss works a) Span up to 12 Mtr (3rd CORRIGENDA Page 85, Item 3)	Kg	72.31	117.23	8476.90
17	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. (Page 29, item 1)				
	(a) For Exposed Work (i) CPVC Pipes Class-1, SDR-11 (Dia) 25 mm	Mtr.	208.00	20.00	4160.00
	(a) For Exposed Work (i) CPVC Pipes Class-1, SDR-11 (Dia) 32 mm.	Mtr.	283.00	22.00	6226.00
18	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (Page 43, item 10)	Mtr.	91.00	1.00	91.00

19	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	3260.00	1.00	3260.00
20	(a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.p-200,i-1	sqm	29.00	4.80	139.20
21	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. p-200,i-1	Sqm	38.00	5.70	216.60
22	(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 :p-200,i-2				0.00
	(a) On timber or plastered surface :(iv) Two coats (with any shade except white)	sqm	81.00	4.80	388.80
	(b) On steel or other metal surface : Two coats (with any shade except white)	Sqm.	79.00	5.70	450.30

Total 150883.68

Add GST 12% 18106.04

Add Cess 1% 1508.84

Total value of work 170498.56

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 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: _____