

**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:-78/DY.REG./19-20

Date:-20.02.2020

Notice Inviting Tender

Sealed quotations are invited from bonafide Contractors for fixing of polycarbonate sheet on the roof and walling of the garage adjacent to Madhusudan Bhaban with other allied work inside 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 27.02.2020. Opening on 28.02.2020 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 polycarbonate sheet roofing and walling to the garage adjacent to Madhusudan Bhaban with other allied work

| 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 | (A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) (Page 2, Item 4) | Cum. | 767.91 | 2.980 | 2288.37 |
| 2 | Brick soling with picked jhama bricks including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling (and in between layers when more than one layer is used) completes as per direction. (a) Single brick flat soling (thickness 75 mm.) (Page 226, Item 1) | Sqm. | 312.00 | 21.60 | 6739.20 |
| 3 | 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. | Cum. | 5799.00 | 2.92 | 16909.88 |
| 4 | (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. (Page 200, item 1) | Sqm. | 19.00 | 26.590 | 505.21 |
| 5 | (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 : (Page 200, item 2) | Sqm. | 79.00 | 26.59 | 2100.61 |
| 6 | Brick work with 1st class bricks in cement mortar (1:4) (a) In foundation and plinth (Page 15, Item 7) | Cum. | 5483.00 | 1.53 | 8388.99 |
| 7 | 125 mm. thick brick work with 1st class bricks in cement mortar (1:3) in ground floor. (Page 16, Item 17) | Sqm. | 743.00 | 3.06 | 2273.58 |
| 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 (Page 189, Item 1) | Sqm. | 180.00 | 12.24 | 2203.20 |

| | | | | | |
|------------------------|---|------|---------|-------|------------------|
| 9 | Supplying, fitting & fixing polycarbonate sheet of approved make & brand conforming to IS: 14443-1997 and having 50 micron UV protection layer under co-extrusion technology, Fire rating being B-s1 as per EN13501-1 certification, fitted and fixed with 60mm wide aluminium channel section top and bottom member in dry-glaze sandwich system, (unit wt. of top and bottom members: 0.375 kg/m & 0.69 kg/m) of approved brand and profile, EPDM quality rubber gaskets, anti dust tape, end closer "C" channel and 75 mm long Self tapping screw being drilled through the centre leg of the bottom section with nuts placed at 300 mm apart without anyway puncturing the polycarbonate sheet, EPDM Washer 16 mm dia & 3 mm thick washer etc complete strictly as per manufacturers specification and direction of Engineer-in-charge. c)With 2 wall 10 mm overall thickness (wt.1.70kg/sqm,Ugvalue being 3.1 W/m2K, Min. cold bendingradius of 1200 mm) In Roof:- (Page 86, Item 22) | Sqm. | 1544.00 | 85.20 | 131548.80 |
| Total | | | | | 172957.85 |
| Add GST @ 12% | | | | | 20754.94 |
| Add 1% for cess | | | | | 1729.58 |
| Cost of work | | | | | 195442.37 |

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: _____