

**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:-49/DY.REG./19-20

Date:- 13.11.2019

Notice Inviting Tender

Sealed quotations are invited from bonafide Contractors for Emergent fixing of Aluminium partition for Laboratory of Chemistry Dept. at ground 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, Store & 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: Aluminium partition for Laboratory of Chemistry Dept. at ground floor of eight storied building.

| 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 | 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). (A) In 10-12 Micron thickness Anodizing film II) Coloured | | | | |
| | Fixed partitions. (Unsupported length of vertical member more than 1.5 mtr.or both ends of vertical member restrained but panels more than 0.9 Sq.m) (Page 236, Item 2 j) | | | | |
| | Top member | Mtr. | 481.00 | 9.00 | 4329.00 |
| | bottom member. | Mtr. | 568.00 | 9.00 | 5112.00 |
| | side member. | Mtr. | 568.00 | 12.80 | 7270.40 |
| | Intermediate member: horizontal | Mtr. | 500.00 | 27.00 | 13500.00 |
| | Intermediate member: vertical | Mtr. | 500.00 | 44.00 | 22000.00 |
| | glazing clip | Mtr. | 48.00 | 88.00 | 4224.00 |
| | Shutter : | | | | 0.00 |
| | Top rail. | Mtr. | 318.00 | 2.40 | 763.20 |
| | Bottom rail. | Mtr. | 487.00 | 2.40 | 1168.80 |
| | Lock rail | Mtr. | 400.00 | 2.40 | 960.00 |
| | Door vertical. | Mtr. | 350.00 | 9.60 | 3360.00 |
| 2 | Labour charge for fabrication and installation of composite door, window , partitions made from anodized extruded alloy aluminium sections for the following units:- | | | | |

| | | | | | |
|---|--|----------|---------|-------|----------|
| | (D) Partly glazed and partly panelled partition or fixed glazing made of extruded and anodised alloy aluminium sections, fabrications after cutting to proper shape and size, drilling and aligning fitted with inbuilt locking arrangement cutting the glass / board (prelaminated / particle / block) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprene /EPDM gasket, along with all other necessary arrangements for fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specifications and direction of the Engineer in charge.(page 215, Item 2 D) | | | | |
| | The rate includes the hire charge of all tools and plants, adhesive, joineries such as screw, fastener but excluding the cost of extruded aluminium sections, EPDM gasket, glass, board, glazing clips, locking arrangement, etc. | | | | |
| | For partitions using section of size: | Sqm. | | | |
| | 101.50mm x 44.45 mm | Sqm. | 890.00 | 30.24 | 26913.60 |
| 3 | (B) Partly glazed partly panelled or fully glazed single leaf aluminium swing door made of extruded and anodized alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with heavy duty hydraulic action floor spring placed in the floor with mending damages,with top pin assembly of approve make and brand, fitted with in built locking arrangement, flush bolt, glazing clips and all other necessary fittings, fixtures, adhesives and joineries, cutting glass of approved make to requisite shape and size fitting with dry set neoprene or EPDM gasketing, cutting to requisite shape and size panel board (prelaminated particle block) fixing them with glazing clips as per drawing, specification and direction of Engineer in charge | Sqm. | 1281.00 | 5.76 | 7378.56 |
| 4 | Supplying heavy duty hydraulic double action floor spring along with top pin/set of pivots conforming to IS: 6315 or any approved make as per direction of Engineer in charge. (Page 242, Item 3) | each set | 1729.00 | 2.00 | 3458.00 |
| 5 | Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge. iii) weather gasket / wool pile for door vertical. (Page 242, Item 8) | Mtr. | 15.00 | 9.60 | 144.00 |

| | | | | | |
|----|---|----------|---------|--------|----------|
| 6 | Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987iv) 5mm thick coloured / tinted / smoke glass.(Page 243, Item 9) | Sqm. | 585.00 | 10.80 | 6318.00 |
| 7 | Supplying 4 lever mortice lock or any approved make and brand as per direction of the Engineer- in -Charge i) 150 mm. (Page 243, Item 12) | each set | 378.00 | 2.00 | 756.00 |
| 8 | (A) Supplying Aluminium casted body hydraulic door closer as per I.S.I. (Page 244, Item 13) | each set | 635.00 | 2.00 | 1270.00 |
| 9 | (C) Supplying Heavy Duty Aluminium Handle (EBCO Type) (b) Colour (Page 244, Item 13) | each | 192.00 | 4.00 | 768.00 |
| 10 | Wall panelling / partition with Melamine faced 3 layered flat pressed wood particle board of approved make and brand as per direction of Engineer - in - Charge of requisite grade bonded with phenol formaldehyde synthetic resin conforming to IS: 848 - 1974 (excluding the cost of supporting frame work and teak wood battens / lipping) (Page 172, Item 1) | | | | |
| 11 | (B) Prelaminated particle board conforming to IS: 3087 - 1985 and IS 12823 - 1990. (ii) Both side decorative laminate (a) Exterior grade 9mm thick (Page 172, Item 1) | Sqm. | 1112.00 | 18.90 | 21016.80 |
| 12 | 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 | 160.00 | 3360.00 |
| 13 | 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 | 160.00 | 11200.00 |

| | | | | | |
|---|--|------|--------|-------|------------------|
| 14 | 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 | 32.00 | 5760.00 |
| 15 | 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 | 32.00 | 3904.00 |
| Total | | | | | 154934.36 |
| B. Add GST @ 12% | | | | | 18592.12 |
| Labour welfare cess@1% of C. | | | | | 1549.34 |
| C. Cost of work | | | | | 175075.83 |
| <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 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: _____