

# 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:- 55/DY.REG./19-20

Date:-28.11.2019

## Notice Inviting Tender

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works patch repairing electrical work at Class room of Electrical Engineering Department, Cycle Stand in front of 2nd Lobby and Badminton Court behind Central Library of IEST, Shibpur, Howrah-711103.

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 up to 2 p.m. Opening at the Office of the University Engineer on 09.12.2019 at 1.30 p.m..

REGISTRAR

Terms & conditions:-

1. To qualify for award of the contract the bidder should have valid electrical license for building Electrification Works and should have completed satisfactorily at least one similar work of value not less than Rs 50,000.00
2. Quotation is to be submitted as per attached format given below.
3. All rates quoted should be inclusive of all taxes, levies & duties and Labor Welfare Cess, The rates should be quoted both in figures and words. Request for inclusion of any tax/levy at the later stage will not be entertained.
4. Transportation, Packing, Forwarding and Insurance Charges, if any to be charged should be specifically indicated.
5. 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.
6. The work should be completed within 15 days of issuing of order.
7. Materials & accessories supplied/used should be as per specifications and of Approved Quality (B.I.S.) or by the authorized officer of I.I.E.S.T, Shibpur.
8. The work should be completed within stipulated period as indicated in the work-order. A Liquidated damages @ 0.5% per week, subject to maximum of 2% of the value of work-order, beyond which the Employer may cancel the Contract.
9. Bills in Triplicate should be presented for payment within 15 days of supplying/completion of work.
10. The Order no. is to be noted on both Challan & Bill.
11. All bills are to be accompanied by Order copies and Challans as received.
12. Payment will be made within 60 days of submission of proper bills, challans etc. by A/c payee cheque /NEFT. no Cash payment will be made under any circumstances.

Dy. Registrar  
(Store &Purchase)  
IEST, Shibpur

Copy forwarded for information and necessary action to:

1. Institute Website,
2. Notice board
3. Suptd. Engineer,IEST, Shibpur.

*Indian Institute of Engineering Science and Technology, Shibpur*  
Howrah-711 103

**Name of Tender:** *Patch repairing electrical work at Class room of Electrical Engineering Department, Cycle Stand in front of 2nd Lobby and Badminton Court behind Central Library of IEST, Shibpur, Howrah-711103*

1. Name of the Firm :  
(in block letter)
2. Office Address :
3. Phone No. :
4. Whether Partnership / Proprietorship Firm :
5. Name of Partner(s) / Proprietor(s):
6. PAN No. :
7. Trade Licence No. :
8. Electrical Licence :
9. **GST No.** :
10. Quoted rate:  
(Use separate sheet, if required)

|   |
|---|
| <b>Bill of quantities for the work of:</b> Patch repairing electrical work at Class room of Electrical Engineering Department, Cycle Stand in front of 2nd Lobby and Badminton Court behind Central Library of IEST, Shibpur, |
|---|

## Howrah-711103.

| S.L. No. | Description of work   | Unit   | Qty. | Unit Rate (In Rs) | Amount (In Rs) |
|----------|---|--------|------|-------------------|----------------|
| 1        | Distribution wiring with 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.  | R.M    | 9    |                   |                |
| 2        | S/F of 240V, 20-32A, Industrial Plug Socket (Legrand Cat No-607873 INCL S/F 1 no 32 A SP MCB flushed in wall after cutting the wall and mending the good damages as to GS.  | SET    | 1    |                   |                |
| 3        | Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) in 19 mm bore, 3 mm thick polythen pipe (for horizontal & vertical run in wall and ceiling portion through prelaid polythen pipe) complete with all accessories embedded in wall to light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour) top cover (3 mm thick) flushed in wall incl. mending good damages to original finish. (Average run 8 mtr)  | Points | 2    |                   |                |
| 4        | Fixing only single /twin fluorescent light fitting complete with all accessories directly on wall/ceiling/HW round block and suitable size of MS fastener.  | Each   | 2    |                   |                |
| 5        | Supply only 22 W LED tube light fittings with Lamp (Philips Cat No- TMC 501 P 2XT-LED 22W P3242)  | Each   | 2    |                   |                |
| 6        | Supply only XLPE (1.1 KV grade) Armoured Al/Ar Cable of size 2 core 6 sq mm.(polycab/gloster/crystal)   | R.M    | 55   |                   |                |
| 7        | Laying of cable from 2 core 6 sqmm UG Strench 460mm wide x 760mm anerage depth ,with brick protection on the top of the cable with 8 nos bricks per mtr. incl. S & F with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making holes etc. as necy., mending good damages and painting.   | R.M    | 55   |                   |                |
| 8        | Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables .   | Each   | 2    |                   |                |
| 9        | Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials  | Each   | 2    |                   |                |
| 10       | Supplying and fixing 4 Way MCB SS enclosure with IP-20/30 protection, powder coated provision for two/four pole MCB, concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment.   | Each   | 1    |                   |                |
| 11       | Supplying and fixing 240/415 V 6-32 Amps ,SP MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection   | Each   | 2    |                   |                |
| 12       | Supplying & Fixing MS fan clam of two piece type for RC ceiling as per approved specification, fabricated from 40 mm x 9 mm MS flat including making good damages to building roof with satisfactory finishing and painting – (As per Drawing no. 475 of PWD Specification Book – May 1991)   | Each   | 13   |                   |                |
| 13       | Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) partly in 20mm size PVC rigid conduit 'FR' (Precision make) [for ceiling portion only] and in 19mm bore, 3mm thick polythene pipe [for horizontal & vertical run embedded in wall], with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board on wall complete with 2 no. "Ph & N" copper bar incl. bakelite/ Perspex top cover 3 mm thick and incl. 175x100x65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish [only PVC Rigid Conduit on ceiling and remaining portion concealed] Average run 9 mtr. | Points | 18   |                   |                |
| 14       | Supplying & Fixing iron beam fan clamp of two piece type, as per approved specification, fabricated from 40 mm x 9 mm MS sheet flat suitable for beam having flange upto 150 mm wide – (As per Drawing no. 476 of PWD Specification Book – May 1991)  | Each   | 2    |                   |                |
| 15       | Supply & Fixing Socket type fan regulator (Step type) (Brand approved by EIC) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections etc.   | Each   | 15   |                   |                |
| 16       | Lowering and refixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. making necessary disconnection and connection as required.  | Each   | 15   |                   |                |
| 17       | Supply and fixing of 25 Amps Plug top with Indicator.(Anchor)   | Nos.   | 10   |                   |                |
| 18       | Rearrange/Fixing of 2' x 2' Recessed Mounted Luminaries complete with all accessories below the false ceiling with suitable size of G.I Chain and MS fastener, nipples etc, and necessary connection as required with Chain and connection the same as per proper way with by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length.  | Each   | 50   |                   |                |
| 19       | Supply only recessed Mounted Luminaries as per Crompton Cat No- LCPL-36-CDL(2X2) with 4 nos LED lamp.   | Each   | 8    |                   |                |
| 20       | Supply & Fixing 240 V, 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required.  | Each   | 10   |                   |                |
| S.L. No. | Description of work   | Unit   | Qty. | Unit Rate (In Rs) | Amount (In Rs) |

|                      |  |      |    |  |  |
|----------------------|--|------|----|--|--|
| 21                   | Supplying and Laying of 2 x 4 sq mm + 1x2.5 sq mm cu wire through 25 mm bore polythene pipe in wall upto GS (A.C).   | R.M  | 50 |  |  |
| 22                   | Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket (Brand approved by EIC), without plug top and switch with 2 Module GI Modular type switch board with top cover plate flushed in wall and making necy. connections with PVC Cu wire and earth continuity wire | Each | 4  |  |  |
| 23                   | Supply and fixing of 440 Volt, 3phase, Accuracy Class: 1.0, Current Range: 10-60A, Connection Type: Direct connected, Frequency: 50 Hz, Type: Digital, Voltage: 0.5W and 1 VA energy meter with test certificate as required.  | Set. | 1  |  |  |
| 24                   | Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 25mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required for 3 x 84/0.3 (6 sqmm) + 2 x 56/0.3 (4 sqmm) ECC           | R.M  | 10 |  |  |
| 25                   | Supplying and fixing 415V, TPN SFU with sheet steel enclosure on flat iron on wall with nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse 100A (L&T).  | Set. | 1  |  |  |
| 26                   | Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.  |      |    |  |  |
| 26(a)                | 2.5sqmm cu wire.   | Nos. | 30 |  |  |
| 26(b)                | 4 sqmm cu wire.  | Nos. | 70 |  |  |
| 23(c)                | 6 sqmm cu wire.  | Nos. | 40 |  |  |
| <b>TOTAL (In Rs)</b> |  |      |    |  |  |

To  
Deputy Registrar  
Store and Purchase  
IEST'S, Howrah-711103

I/WE agree to execute the work in accordance to requirement at the above quoted items rates for a total price of Rs-----  
----- (Rupees )

Authorized Signature:----- Dated:- Address:-

Name & Title of Signatory:

Name of the bidder and Seal:

**Notes:** 1) Quantities mentioned in the B.O.Q are as per estimate. Actual quantities may vary according to the requirement at site; payment will be made on pro-rata basis on actual executed quantity.

2) The bidder is advised to visit the site of work at his own expense and obtain all information that may be necessary for preparing the quotation. The Bidder enclosed attested copy of Trade License/GST No/Pan Card/ P Tax certificate and completion certificate of similar work and other document etc with the application.