



Notice Inviting Tender

Tender No: **25/AR.REG/22-23**

Date: **27.07.2022**


Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for **Patch repairing electrical work at Bath room portion of Hostel No-16, Student room of Richardson Hall and roof top light fittings of Wolfenden Hall.** The quotation will be received in the drop box.

Important Information	
Drop Box at	Stores and Purchase Section
Start date of tender Submission	28.07.2022
Time	Between 11:00 am and 5:00 pm (on all working days)
Last date of tender submission	03.08.2022 at 02:00 pm
Tender Opening date	To be notified later via mail/phone/SMS by the office of the Superintending Engineer.
Tender Opening place	

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 satisfactory completed three patch repairing electrical works costing not less than the amount equal to Rs 68,000.00. Or b. Completed two patch repairing electrical works costing not less than the amount equal to Rs 86,000.00 Or c. Completed one patch repairing electrical work costing not less than 1,38,000.00
2. Quotation are to be submitted as per above mentioned format.
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 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 what so ever. 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 specification and of Approved Quality (B.I.S.) or by the authorised officer of IEST, 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 10% of the value of work-order, beyond which the Employer may cancel the Contract.
9. Bills in Triplicate should be presented for payment within 15days of supply/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, no Cash payment will be made under any circumstances.
13. Date of submission of quotation is **03.08.2022 up to 2:00 pm at the Stores & Purchase Section.**
14. **Date & place for opening of the tender will be notified later by the office of the Superintending Engineer.**


D. Chakrabarty
Assistant 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 and Technology, Shibpur
Howrah-711 103

Name of Tender: *-Patch repairing electrical work at Bath room portion of Hostel No-16, Student room of Richardson Hall and roof top light fittings of Wolfenden Hall.*

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 License No. :
8. Electrical License :
9. **GST No.** :
10. Quoted rate:
(Use separate sheet, if required) :

Bill of quantities for the work of: Patch repairing electrical work at Bath room portion of Hostel No-16, Student room of Richardson Hall and roof top light fittings of Wolfenden Hall.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	Supplying and fixing double door 6-Way, Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. a. Incommer 63 A, 415 V 4 pole Isolator (Legrand) of Breaking capacity 10kA. b outgoing feeder (6-32) Amps SP MCB (Legrand) of Breaking capacity 10 KA & C characteristics-18 nos.(Make-Legrand)	Set.	1		
2	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 8 mtr.	Points.	20		
3	Distribution wiring 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 for 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC.	R.M	60		
4	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm 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	4		
5	Supply and fixing of 1200 mm LED Batten. Philips make Cat No- TMC-501P1x TLED 22 W P3241. Set	Set	20		
6	Supply and fixing of Essential LED Tube 1200 mm 20 W865 T8 IND-2100 lm (Philips Make) Set.	Nos.	20		
7	Laying of cable upto 2 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting	R.M	60		
8	Supplying & Fixing GI waterproof type looping cable box size 200x150x100 mm deep having 4 mm thick comprising of one 250 V 15 A kit-kat fuse unit, one NL on porcelain insulator, one compression type brass cable gland for upto 2- core 16 sqmm PVC/A cable and having lined with rubber gasketed GI top cover with brass machine screws etc., earthing terminal with lug, on steel tubular pole near base, including S&F 40x6 mm thick, MS clamps with bolts, nuts etc. including painting with anticorrosive paint	Set	7		
9	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables For 2 core upto 10 sqmm	Each	15		
10	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 for 2 core 10 sqmm cable:	Set	15		
11	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.2.5sqmm	Set	25		
12	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.6 sqmm	Set	25		
13	Laying of cable as below, after cutting floor/pavement/wall/ and making holes incl., embedding the cable at an average depth as below and mending good the damages to original finish incl. removing the rubbish From 2.5 sqmm to 35 sqmm at an average depth of 75 mm in floor/pavement/wall etc.	R.M	35		
14	Supply only 1.1 KV grade XLPE Al Armoured Cable of Size 4 core 35 sq mm.	R.M	35		
15	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below :For 4 core upto 35 sqmm.	Each	2		
16	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 3½ core 35 sqmm cable	Set	2		
17	Supply only 1.1 KV grade XLPE Al Armoured Cable of Size 2 core 10 sq mm.	R.M	40		
18	Laying of cable upto 2 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting	R.M	40		
19	Dismantling the existing wire Light fittings as required of the Bath room of Hostel No-16.	Lot	1		
20	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	8		
21	Fixing outdoor type fluorescent/SV/MV light fitting on pole including S&F 40 mm dia x 1.68 mts. long GI Pipe (ISI-Medium) bracket with 40 mmx10 mm thick, MS clamp etc. and providing wiring with 2x1/1.40 PVC insulated & sheathed wire (single core) partly in GI conduit & partly through above bracket from OH line to the fitting, without control switch, incl. making connections and painting	Set	2		
22	Providing CC (6:3:1) muffing 600x600x760 mm in size or equivalent size of cylindrical muffing above ground level around the pole base complete with 3 mm thick neatly finished cement plaster all round after dismantling the unserviceable muffing if necessary.(With 250x250x100mm 16 SWG GI Loop Box)	Each	2		
23	Painting of Steel Tubular Pole of lengths and no. of coats of paint, as given below with ready mixed paint/primer of approved make, and brand incl. preparation of surface by sand paper/emery paper, cleaning etc. for receiving fresh coat of paint. 1st coat of aluminium paint over 1 coat of RO priming				
24(a)	1st coat of aluminium paint over 1 coat of RO priming	Per Pole	6		

24(b)	2nd coat of aluminium paint over 1st coat	Per Pole	6		
S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
25	Supplying & fixing medium gauge GI Pipe (ISI-Medium) Protection with necessary fittings and jointing meterials as required for 80 mm dia.	R.M	3		
26	Supplying and Fixing GI water proof looping cable box having hinged GI Top Cover having 4 mm thick with rubber gasket lining, railway type mechanical locking arrangement, earthing terminal with lug etc. of the following sizes as indicated below, Comprising of one 250 V, 15 A Kit-Kat fuse unit, one NL on porcelain insulator etc. and housing the same in pole muffing incl. addition and alteration to the existing CC muffing (6:3:1) after dismantling the damaged looping cable box etc. where necy. incl. painting of size 250 x 250 x 100mm	Each	8		
27	Laying of cable upto 2 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting	R.M	200		
28	Supply only 1.1 KV grade XLPE Al Armoured Cable of Size 2 core 10 sq mm.	R.M	200		
29	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables for 2 core upto 10 sqmm	Each	16		
30	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 for 2 core 10 sqmm cable:	Each	16		
TOTAL (In Rs)					

To
The Assistant Registrar
Stores and Purchase
IIEST'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.