



Notice Inviting Tender

Tender No: 11/AR.REG/22-23

Date: 02.05.2022

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Electrical Patch repairing work at Fluid Mechanics & Hydraulic Lab, Environmental Engineering laboratory and 1st lobby, 2nd lobby of Main Building of IEST, Shibpur, Howrah-711103. The quotation will be received in the drop box.

Important Information	
Drop Box at	Stores and Purchase Section
Start date of tender Submission	02.05.2022
Time	Between 11:00 am and 5:00 pm (on all working days)
Last date of tender submission	16.05.2022 at 02:00 pm
Tender Opening date	<b>To be notified later via mail/phone/SMS by the office of the Superintending Engineer.</b>
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 37,000.00. Or b. Completed two patch repairing electrical works costing not less than the amount equal to Rs 45,000.00 Or c. Completed one patch repairing electrical work costing not less than 72,000.00
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 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 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 16.05.2022 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: - Electrical Patch repairing work at Fluid Mechanics & Hydraulic Lab, Environmental Engineering laboratory and 1st lobby, 2nd lobby of Main Building 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 License No. :
8. Electrical License :
9. GST No. :
10. Quoted rate:  
(Use separate sheet, if required) :

**Bill of quantities for the work of: Electrical Patch repairing work at Fluid Mechanics & Hydraulic Lab, Environmental Engineering laboratory and 1st lobby, 2nd lobby of Main Building of IEST, Shibpur, Howrah-711103.**

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	S&F (2+12) way SPNMCBDB with double door in SS enclosure in conlead in wall with 40 A DP MCB Isolator, and 6-32 A SP MCB 14 nos as reqd as to GS (Make Legrand Cat No- 6077-12)	Set	2		
2	Supplying and fixing double door 4-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 100 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- 12 nos.(Make-Legrand)	Set	1		
3	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire 2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.	R.M	55		
4	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cable for 4 cores 35 sqmm.	Each	1		
5	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, 10 sqmm	Each	7		
6	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	1		
7	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 2 core 10 sqmm cable:	Set	7		
8	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	6		
9	Uprooting and relaying of 4 core 35 sq mm al/A cable with 1x 10 SWG GI wire embeded in wall.	R.M	2		
10	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	6		
11	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 embeded 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 12 mtr	Point	14		
12	Supply and fixing of 1400 mm sweep A.C ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire.(Orient PSPO summer cool)	Each	6		
13	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	6		
14	Extra for suspension exceeding 25 cm with S&F additional 2 no. 20 mm dia EI conduit (14 SWG) supports & necy. PVC insulated wire and painting etc. as required by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length.	R.M	15		
15	Fixing only single/twin fluorescent light fitting suspended 25 cm below the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type 25mmx 125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length.	Each	6		
16	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embeded 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	2		
17	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embeded 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	2		
18	Cutting Channel of size (40 mm x 40 mm) on masonry wall by Electric operated cutting machine incl. supplying & fixing heavy gauge 19 mm, 3 mm thick Polythene pipe by means of anchoring chemical (Hilti/Sika) and GI 'U' hooks of 8 SWG incl. supplying and drawing 18 SWG GI wire as Fish wire and mending good damages to original finish by using own tools and tackles. 19 mm dia 3 mm thick polythene pipe without earth continuity wire.	R.M	60		
19	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required. 2x36/0.3 (2.5 sqmm) + 1x22/0.3 (1.5 sqmm) as ECC.	R.M	60		
20	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embeded 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	2		
21	Cutting Channel of size (40 mm x 40 mm) on masonry wall by Electric operated cutting machine incl. supplying & fixing heavy gauge 19 mm, 3 mm thick Polythene pipe by means of anchoring chemical (Hilti/Sika) and GI 'U' hooks of 8 SWG incl. supplying and drawing 18 SWG GI wire as Fish wire and mending good damages to original finish by using own tools and tackles. 19 mm dia 3 mm thick polythene pipe without earth continuity wire.	R.M	20		
22	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required. 2x36/0.3 (2.5 sqmm) + 1x22/0.3 (1.5 sqmm) as ECC.	R.M	20		
<b>TOTAL (In Rs)</b>					

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.*