

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

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Tender No:- 11/DY.REG./20-21

Date:-12.10.2020

Notice Inviting Tender

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for Patch repairing of electrical Installation at 1st gate and surrounding Area, Guest House, Research Lab of Chemistry Dept, Dean Chamber etc in the campus 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 21.10.2020 up to 2 p.m. Opening at the Office of the University Engineer on 22.10.2020 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.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 of electrical Installation at 1st gate and surrounding Area, Guest House, Research Lab of Chemistry Dept, Dean Chamber etc 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)

Bill of quantities for the work of: Patch repairing of electrical Installation at 1st gate and surrounding Area, Guest House, Research Lab of Chemistry Dept, Dean Chamber etc of IEST, Shibpur, Howrah-711103.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	Supply & Fixing bakelite / perspex top cover on 240 mm x 240 mm x 65 mm existing Inspection board by Brass screws	Each	6		
2	Distribution wiring in 1.1 KV grade with 2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC 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	28		
3	Supply and fixing of 10 watt LED Tube Light (Bajaj Cat No-BCLSB 10 NW)	Nos	15		
4	Supply and fixing of 24 Watt LED C.G Make (Cat No- LSDRN 24W CBL)	Nos	3		
5	Supply and Fixing of 40 Watt LED Post Top Lantreen C.G Make (Cat No- LPTO 40 CDL M)	Set	2		
6	Supply and fixing of 2x 20 Watt LED Tube light set with 20 Watt LED Lamp C.G Make Cat No- IGP162LT8 16,LT8 20)	Set	6		
7	Supply only LED street light .Make-(Philips) Cat no-BRP 409 LED 074 CW HE MR FG S1 PSU GR	Nos	3		
8	Fixing only outdoor / street light type fluorescent light fitting or MV light fitting complete with all accessories to be fixed/projected from the wall of the building incl. making holes/ providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall incl. painting etc.	Each	3		
9	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	4		
10	Supply and fixing of Direct on Line starter for motor (L&T) for control the 6 nos LED fittings on angle iron frame.Cat No-CS90319KODO	Nos	1		
11	Supply only XLPE (1.1 KV grade) Armoured Al/Ar Cable of size 2 core 10 sq mm. (polycab/ gloster/ kei/crystal)	R.M	135		
12	Laying of one No. cable upto 35 sqmm in underground trench 460 mm wide x 760 mm average depth, with brick protection on the top of the cable with 8 (eight) Nos. bricks per metre, including filling the space between the brick & cable and also the trench with shifted soil, leveling up and restoring surface duly rammed	R.M	115		
13	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	20		
14	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 2 core 10 sqmm	Set	10		
15	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	10		
16	Distribution wiring in 1.1 KV grade with 2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC 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	28		
17	Supplying and fixing of 6-32 A, SP V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection	Each	1		
18	Supply and fixing of 20 Watt LED Lamp (Philips Cat No-LUMA020C)	Nos	1		
19	Supply and fixing of 9 Watt LED Lamp (Philips Cat No-LUMA009C)	Nos	1		
20	Supply and fixing of 25 Amps A.C Plug Top.	Nos	2		
21	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire of 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required	R.M	3		
22	Fixing only 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.	Each	1		
23	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire of 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required	R,M	60		
24	Supply & Fixing 240 V, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (CCurve) and 4 Module GI Modular type switch board with 4 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	2		
25	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 etc.	Each	2		
26	Supply & Fixing 240 V, 6A, plug socket with separate 6 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	1		
27	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	4		
S.L.	Description of work	Unit	Qty.	Unit	Amount

No.				Rate (In Rs)	(In Rs)
28	Supply & Fixing 240 V 6 A Piano key type switch (Brand approved by EIC) on existing sheet metal switch board having bakelite/perspex top cover by screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required	Each	8		
29	Supply & Fixing 240 V, 6A plug socket (Brand approved by EIC), without switch & plug top, on existing sheet metal switch board with bakelite/perspex top cover by screws after making housing for plug by cutting bakelite/perspex top cover and making necy. Connections with PVC wire and earth continuity wire etc.	Each	2		
30	Supply & Fixing bakelite / perspex top cover on 240 mm x 200 mm x 65 mm Inspection board by Brass screws	Each	3		
31	Supply and fixing of 25 Amps A.C Plug Top.	Nos	2		
32	Fixing only single/twin fluorescent light fitting complete with all accessories directly on wall/ceiling by screws etc.	Each	2		
33	Fixing only 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	Each	2		
34	Fixing only 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.	Each	1		
35	Fixing only exhaust fan of 30 cm (12") after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter:	Each	1		
36	Supply only 300 mm sweep Exhaust Fan ,Heavy Duty,1420 rpm (EPC Make)	Each	1		
37	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire of 4 x 56/0.3 (4 sqmm) + 2 x 36/0.3 (2.5 sqmm) ECC (Brand approved by EIC) in 25mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.	R.M	45		
38	Supplying & Fixing Industrial Plug & Socket board with 415 V, 32A, TPN & Earth Metal Industrial Plug socket & 32A Industrial top(Legrand Make, Cat No- 057322) in SS enclosure fixed on wall and necessary conection.	Each	1		
39	Supplying and fixing 6-32 A, 415 V,TPN MCB of Breakingcapacity 10kA & C characteristics on din rail of existing DBs and necessary connection.	Each	1		
40	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire with 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required	R.M	20		
41	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch with indicator & 16A kit-kat flush type fuse (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240x200x65mm 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	1		
42	Finishing of the PVC insulated wire ends of 2.5 sq mm by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.	Set	20		
43	Finishing of the PVC insulated wire ends of 4 sq mm by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.	Set	36		
44	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	2		
45	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire with 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required	R.M	20		
TOTAL (In Rs)					

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.