

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:- 27/DY.REG./19-20

Date:- 30.07.2019

Notice Inviting Tender

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Renovation of Electrical installation for Work shop and APE Lab of Electrical Engg Dept, Physics and Corrosion Lab of Metallurgy Department at Science and Technology Building in the campus of IEST, Shibpur, Howrah-711103.

The quotation will be received in the drop box at the Office of the Registrar, Purchase section between 11.00 a.m and 5.00 p.m on all working days latest by 08.08.2019 upto 2 p.m. Opening on 09.08.2019 at 1.30 p.m.at the Office of the university Engineer.

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 at least one similar work of value not less than Rs 1,00,000.00
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 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 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.

Dy.Registrar
(Purchase & Store)
IEST, Shibpur

Copy forwarded for information and necessary action to:

1. Institute Website,
2. Notice board

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

Name of Tender: *Renovation of electrical Installation for Work shop and APE Lab of Electrical Engg Dept , Physics and Corrosion Lab of Metallurgy Department at Science and Technology Building in the campus 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: Renovation of electrical Installation for Work shop and APE Lab of Electrical Engg Dept , Physics and Corrosion Lab of Metallurgy Department at Science and Technology Building in the campus of IEST, Shibpur, Howrah-711103.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	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 Modular type switch (Brand approved by EIC) fixed on Modular GI switch board complete with 2 no. suitable size "Ph & N" copper bar with top cover plate making earthing attachment fixed on wall incl. mending good damages to original finish. [only PVC Rigid Conduit on ceiling and remaining portion concealed] (Average run 12 mtr)	Points	5		
2	S&F of twin LED lighting fittings (cat No- TMC 501 P/ 2X T-LED 22 make Philips) with 2 x T-LED 20 W lamp (1200mm T-8 LED Tube retrofitted Aluminium body 20 Wavy (Make CG) with L-Clamp down rod as to GS.	Set	2		
3	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	5		
4	S& F A.C Ceiling Fan 1400 mm sweep complete with blade, canopy, frock,rubber bush etc as reqd. (Make Orient P.S.P.O Summer cool)	Nos.	3		
5	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.	Nos.	3		
6	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.	1		
7	S/F of fan down rod 14 SWG in 20 mm incl S/F 2X 1.5 sq mm PVC Wire & down rod painting etc as reqd.	R.M	8		
8	Supplying and fixing double door 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 Amps TP MCB-01Nos, b)Out going 6-32 Anps SP MCB-18 Nos.	Set	1		
9	S&F (2+16) way SPNMCBDB with double door in SS enclosure in concllead in wall with 63A DP MCB Isolator,and 6-32 A SP MCB 16 nos as reqd as to GS (Make Legrand Cat No- 6077-12)	Set.	1		
10	Supply only 1.1 KV Grade XLPE Ar.AI Cable of 4 x 35 sq mm size.	R.M	45		
11	Laying of cable upto 4 core 35 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	45		
12	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 4 core 25 sq mm .	Each.	2		
13	Finishing the end of 4 core 25 sqmm cable XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials :	Set.	2		
14	Supply & Fixing 240 V, 25A Modular type socket, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (C-Curve) and 6 Module GI Modular type switch board with 6 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		
15	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 240 x 200 x 65mm 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	15		
16	Supplying & Fixing Industrial Plug & Socket board with 240 V, 20A, SPN & Earth Metal Industrial Plug socket & 20A Industrial top incl. S&F 20 A SP MCB breaking capacity 10kA (C-Curve) in SS enclosure fixed on wall and necessary conection.	Each	4		
17	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	8		
18	Distribution wiring in 1.1 KV single core stranded of 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC '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	375		
19	Distribution wiring in 1.1 KV single core of 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC stranded 'FR' PVC insulated & unsheathed copper wire (Brandapproved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required	R.M	260		
20	Distribution wiring in 1.1 KV single core of 2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC stranded 'FR' PVC insulated & unsheathed copper wire (Brandapproved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required	R.M	100		
S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
21	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.				

21(a)	2.5sqmm	Set.	50		
21(b)	4 sqmm	Set.	30		
21(c)	6 sqmm	Set.	20		
22	Supply and fixing of 40 Watt Tube light 4 ft length (Lamp) on the existing Fittings (Philips Make)	Nos.	10		
23	Supply and fixing of 15 Watt CFL on the existing Fittings.(Philips Make)	Nos.	10		
24	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.	5		
25	Dismanteling the existing wiring and store the materials as per the direction of the authority.	Lot.	1		
TOTAL (In Rs)					

To
Deputy Registrar
Store 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.