

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

No: 01/DY. REG/19 -20

Date: 09th April, 2019

Notice Inviting Tender

Sealed quotations are invited from bonafide Electrical Contractor's, having valid electrical license for building electrification works for Electrical Installation work for HRMS instrument. The quotation will be received in the drop box at the Office of the University Engineer between 11.00 a.m to 2.00 p.m on on all working days latest by 19.04.2019. Opening on 19.04.2019 at 3.30 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 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.
13. Last date of submission of quotation is **19.04.2019 upto 2.00 p.m at the Office of the University Engineer.**
14. **Opening on 19.04.2019 at 3.30 pm at the office of the University Engineer.**

Deputy Registrar
Store and purchase
IEST,Shibpur.

Copy To: 1.To be displayed on the Institute Website
2. All Notice Board
3. Office of the University Engineer

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

Name of Tender: Electrical Installation work for HRMS instrument, at ground floor of 8 storied Science & Technology 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 Licence No. :
8. Electrical Licence :
9. **GST No.** :
10. Quoted rate:
(Use separate sheet, if required)

Bill of quantities for the work of: Electrical Installation work for HRMS instrument, at ground floor of 8 storied Science & Technology Building of IEST, Shibpur, Howrah-711103.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	Supply and fixing of 4 way MCB SS enclosure with IP-20/30 protection, S&F of 415 V,63 A FP,MCB incl necessary connection as to G.S.(Legrand)	Set.	1		
2	S&F (2+14) way SPNMCBDB with double door in SS enclosure in conclead in wall with 63A MCB Isolator,and 6-32 A sp MCB 14 nos as reqd as to GS (Make Legrand Cat No-6077-12)	Set.	1		
3	S&F 415V,32A,(3P+E+N+FR) Temptra Plug socket (Legrand Make ,Cat No- 607872)&FP MCB (6-32A) with SS Enclosure after cutting wall and mending good the damages. (Legrand/Siemens)	Set.	1		
4	Distribution point wiring with 3x 1.5 sq mm cu wire for Ph, N & E through 19 mm bore polythene pipe concealed in wall and 20 mm rigid pipe for ceiling portion only to light /fan/call bell point. (Average run 10 mtr)	Points.	7		
4(a)	On Board Plug.	Points.	4		
5	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 Way (Make CG) with L-Clamp down rod as to GS.	Set.	3		
6	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		
7	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.	2		
8	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)	Nos.	2		
9	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.	2		
10	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		
11	Supply & Fixing 240x200 x 65 mm 16 SWG MS Board embeded in wall with 3 mm thick bakelite top cover and 3 nos 5 A 5 pin plug socket and switch and one set of 15 A 6 pin plug socket and switch (all are Anchor penta) one indicator and 3 nos brass bar fixed with PVC chair incl interconnection as per GS.	Nos	2		
12	Supply & Fixing 240 V, 1 nos. 6A, & 1 nos. 20A plug socket with separate 1 nos. 6 A & 1 nos. 20A Piano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board embeded in wall incl S&F 240X200X 65 mm MS (16SWG) switch board and bakelite/perpex top cover of 3 mm thick by brass screws after making housing for switch by cutting bakelite/perpex cover and making necessary connection	Nos.	12		
13	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket 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 connection with PVC Cu wire.	Set	1		
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.	Set	1		
15	S/F of 240V, 20-32A, Industrial Plug Socket (Legrand Cat No-607873 INCL S/F 1 no 32 A DP MCB flushed in wall after cutting the wall and mending the good damages as to GS.	Set	4		
16	Supplying and Laying of 2 x2.5 sq mm + 1x2.5 sq mm cu wire through 19 mm bore polythene pipe concelead in walla sto GS (Comp).	R.M	85		
17	Supplying and Laying of 2 x 4 sq mm + 1x2.5 sq mm cu wire through 25 mm bore polythene pipe concelead in walla sto GS (A.C).	R.M	70		
18	Supplying and Laying of 2 x 6 sq mm + 1x 4 sq mm cu wire through 25 mm bore polythene pipe concelead in walla sto GS (Industrial Socket).	R.M	35		
19	Supplying and Laying of 2 x 10 sq mm + 1x 6 sq mm cu wire through 25 mm bore polythene pipe concelead in walla sto GS (SPNDB & Industrial Socket).	R.M	35		
20	Supply and laying of 1.1 KV Gr 4 core x 16 sq mm XLPE/PVC/A Ar Cable with necy earthing attachment with 2 nos 10 SWG GI wire embeded in wall incl mending good the damages as to GS.	R.M	45		
21	Supply and laying of 1.1 KV Gr 4 core x 16 sq mm XLPE/PVC/A Ar Cable with necy earthing attachment with 2 nos 10 SWG GI wire through GI shaddel in wall incl mending good the damages as to GS.	R.M	25		
22	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables with end finishing for 4 core 16 sqmm.	Nos.	4		
23	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.				
23(a)	2.5sqmm cu wire.	Nos.	60		
23(b)	4 sqmm cu wire.	Nos	30		
23(c)	6 sqmm cu wire.	Nos	16		

23(d)	10sqmm cu wire.	Nos	8		
S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
24	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below by TATA-Medium GI pipe	Sets	2		
25	Connecting the equipments body to earth busbar including S&F 20 mm x 3 mm galvanised (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc.	Mtr.	90		
26	Supply and fixing of two no A.C controller with sequential Digital Timer incl S/F of 2 nos 40 A Contractor, 1 no 25A SP MCB ,(1 NO & 1 NC) with necess connection cu wire as required which fixed in (2+6) way SPN MCB DB concealed in wall as req.	Set.	1		
27	Supply and fixing of 9 " sweep heavy duty 1420 rpm Exhaust Fan after cutting hole on wall and mending good the damages with GI sheet louver shutter for 9" Exhaust Fan.	Nos.	1		
28	Disconnection and dismantling the existing damaged wiring,BDB etc as required for labour charges.	Job	1		
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.