

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

Tender No:- 53/DY.REG./19-20

Date:-27.11.2019

Notice Inviting Tender

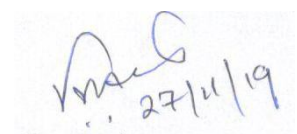
Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Power Feeding arrangement for N.R.M spectrometer of Chemistry Department at Ground floor of 8-Storeyed Science and Technology building in the campus of IEST, Shibpur, Howrah-711103.

The quotation will be received in the Drop Box at the Office of the Registrar (Stores & Purchase section) between 11.00 a.m and 5.00 p.m on all working days latest by 06.12.2019 up to 2 p.m. Opening at the Office of the University Engineer on 09.12.2019 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.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: *Power Feeding arrangement for N.R.M spectrometer of Chemistry Department at Ground floor of 8-
Storied Science and 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: Power Feeding arrangement for N.R.M spectrometer of Chemistry Department at Ground floor of 8-Storeyed Science and 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	Supplying and fixing double door 4 way (Legrand) Vertical TPN MCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. Incommer 63 Amps,TPN MCB-01 Nos. Out going feeder- 63 Amps TP MCB-01 nos,63 Amps SP MCB-01 nos, 6-32 Amps SP MCB 8 nos.	Each	1		
3	Supplying and fixing double-door (2+4) way SPN MCB Distribution Board (Legrand) 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. Incommer 63 Amps,DP MCB-01 Nos. Out going feeder- 6-32 Amps SP MCB 4 nos	Each	1		
4	Supplying and fixing 415V,63 Amps, TPN SFU with sheet steel enclosure on flat iron frame(L&T) on wall with nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse as per rating.	Each	2		
5	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.S	Set	4		
6	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.	Set	4		
7	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	6		
8	On Board Plug.	Point	1		
9	Supply and fixing 22 W LED tube light fittings with Lamp (Philips Cat No- TMC 501 P 2XT-LED 22W P3242)	Set	6		
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	1		
11	Supply & Fixing 240 V, 4 nos. 6A, plug socket with separate 4 nos. 6 A Piano key type switch, indicator & 16A switch type SP MCB (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.	Nos.	2		
12	Supplying and Laying of 2 x2.5 sq mm + 1x1.5 sq mm cu wire through 19 mm bore polythene pipe concealed in walla sto GS (Comp).	R.M	50		
13	Supplying and Laying of 2 x 4 sq mm + 1x2.5 sq mm cu wire through 25 mm bore polythene pipe concealed in wall as to GS (A.C).	R.M	70		
14	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 25mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required with 4 x 84/0.3 (6 sqmm) + 2 x 56/0.3 (4 sqmm) ECC	R.M	20		
15	Supply and laying of 1.1 KV Gr 4 core x 25 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	50		
16	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 25 sqmm.	Set.	4		
17	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 4 core 25 sqmm cable	Set	2		
18	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.				

18(a)	2.5sqmm cu wire.	Nos.	30		
18(b)	4 sqmm cu wire.	Nos.	40		
S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
18(c)	6 sqmm cu wire.	Nos.	20		
18(d)	10sqmm cu wire.	Nos.	20		
19	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		
20	Supplying and laying 25 mm X 5 mm copper strip as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required.(Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50 mm).	Mtr.	35		
21	Supply and fixing of two no A.C controller with sequencial 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		
22	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.