

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 26684561

Tender No: 19/DY.REG/20-21

Date: 29.01.2021

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for **Renovation of Electrical Installation work of Quarter No D-191 in the campus of IEST, Shibpur, Howrah – 711103.**


The quotation will be received in the drop box.

Important Information	
Drop Box at	Office of Deputy Registrar, Stores and Purchase
Time	Between 11:00 am and 5:00 pm (on all working days)
Last date of tender submission	04.02.2021 at 02:00 pm
Tender Opening date	05.02.2021 at 01:30 pm
Tender Opening place	Office of the Superintendent 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 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 **04.02.2021 up to 2:00 pm at the Office of the Deputy Registrar, Stores & Purchase.**
14. **Opening on 05.02.2021 at 1.30 pm at the office of the Superintendent Engineer.**


S. N. Datta
Deputy 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: - *Supply & Installation of LED Flood light with necessary connection on the north east side (from Hostel no-16 to Security Barrack Quarter) of the Campus of IEST, Shibpur, Howrah-71103.*

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: Supply & Installation of LED Flood light with necessary connection on the north east side (from Hostel no-16 to Security Barrack Quarter) of the Campus of IEST, Shibpur, Howrah-71103.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	Supply only 1.1 KV grade 2 core 10 sq mm Al, Ar cable. (Make -Gloster.Ploycab,Crystal)	R.M	97		
2	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	RM	97		
3	Supplying & fixing medium gauge 40 MM dia GI Pipe (ISI-Medium) Protection with necessary fittings and jointing materials as required.	RM	8		
4	Painting of Steel Tubular Pole of lengths Upto 9.0 mtr. long pole and no. of coats of paint,as given below with ready mixed paint/primer of approved make, and brand incl. preparation of surface by sand paper/emery paper, cleaning etc. for receiving fresh coat of paint				
4(a)	1st coat of aluminum paint over 1 coat of RO priming	Per pole	2		
4(b)	2nd coat of aluminum paint over 1st coat	Per pole	2		
5	Erection of H-pole (DP) structure with upto 9 mts. long steel tubular poles (0.9 mt. to 1.5 mt. apart) in CC (6:3:1) foundation (as to similar dimention in item A-1 above) including 600 x600 x150 mm thick CC (4:2:1) base block below sole plate/pole with hard jhama metal including CC (6:3:1) muffing 0.30 mt. dia & 0.30 mt. above ground level neatly cemented finish 3 mm thick and providing Galv. MS Channels, cross arms and cross bracings made out of Galv. angle, flats etc. anti climbing devices, danger board & earth bolts etc. & carrying of the pole upto 1.6 Km. from Store to work-site including filling up the excavated earth pit with shifted soil and ramming properly.	Set	2		
6	Fixing outdoor type fluorescent/SV/MV light fitting on pole including S&F 40 mm dia x 1.68 mts. long GI Pipe (ISI-Medium) bracket with 40 mmx10 mm thick, MS clamp etc. and providing wiring with 2x1/1.40 PVC insulated & sheathed wire (single core)partly in GI conduit & partly through above bracket from OH line to the fitting, without control switch, incl. making connections and painting	Set	1		
7	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables 2 core 10 sq mm.	Each	4		
8	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 2 core 10 sqmm cable	Set	4		
9	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	Set	1		
10	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	2		
11	Fixing only Floodlight Fitting with suitable tie clamps and MS plate for mounting on Pole/Tower or similar structure.	Each	2		
12	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire 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	RM	17		
13	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required	RM	20		
14	Finishing of the PVC insulated 4 sqmm wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.	Each	4		
15	Finishing of the PVC insulated 2.5sqmm wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.	Each	10		
16	Supply and fixing of 120 Watt LED street light Make-Magik (Cat No- SPOR120C0811)	Each	3		
17	Supply and fixing of 200 Watt LED Flood light Radiant Flood Light Make-Magik (Cat No- FWZP200C0843)	Each	1		
18	Supply and fixing of 350 Watt LED Flood light Radiant Flood Light Make-Magik (Cat No- FWAS350C2047)	Each	1		
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 ISI-Medium GI pipe	Set	1		
20	Connecting the equipments to earth busbar including S & F No. 6 SWG GI(Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages	Mtr	10		
21	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire 2 x 22/0.3 (1.5 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	RM	15		
22	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		
23	Dismantling steel tubular/Rail/Strut embedded in CC foundation incl. excavation, filling of holes, restoring surface, loading at site and delivering, unloading, sorting, stacking properly at any place as per direction upto a lead of 1.6 km.	Per Pole	2		
				TOTAL (In Rs)	

To
Deputy Registrar
Stores 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.