

Rammohan College

102/1 Raja Rammohan Sarani, Kolkata – 700009

Phone No. 23505687

Email : rmc.tic85b@yahoo.in

Memo No. 1534/ RMC / 2020

Date : 06/02/2020

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NOTICE INVITING TENDER NO. T/001/2020

Separate sealed Tenders in super scribed with the name of the work on the envelope is invited by the Principal, Rammohan College from bonafide, resourceful, experienced and reliable electrical contractors having adequate credentials in execution of similar nature/value of works under Govt. departments/Govt. undertaking/Govt. aided Colleges for the work detailed below:-

Name of the Work	: Repairing work of Electrical Installation at New Science Building, Rammohan College, 85A, Raja Rammohan Sarani, Kolkata – 700009.
Last date of Receiving Tender	: 11.30 A.M on 14.02.2020
Date of Opening	: 15/02/2020 at 9.30 a.m.
Estimated Amount	: 4,10,198.00
Earnest Money	: 8,204.00
Stipulated Period	: 15(fifteen) days from the date of layout.
Defect Liability Period	: 1(One) Year after the date of completion of the work

GENERAL CLAUSES

1) Eligibility criteria for participation in the tender:-

- a) The contractor who have been delisted or debarred by any Government Department shall not be eligible in any way.
- b) The Bidded must have valid Electrical Contractors License with Electrical Supervisor holding Supervisors' Certificate of Competency on the part 1,2,6(A), 7(A) and 11 or equivalent National Supervisors' Certificate of Competency.
- c) Intending Bidder should have **up-to-date** Trade License, Professional Tax Registration Certificate, Professional Tax Deposit Challan for current F.Y., Valid 15-Digit Goods and Service Taxpayer Identification Number, Income Tax Return for latest assessment year, Voter ID Card for self-identification. It will be the binding on the intending bidder to produce the original papers, mentioned above, on demand of the Tender inviting authority, failing which his/ their bid will be liable for rejection at any stage, even after awarding of contract, if selected.

- 2) The prospective Bidder shall have satisfactorily completed, as a prime agency during the last 5(five) years from the date of issue of this Notice, at least one work of similar nature under authority of State/Central Govt. / State/Central Govt. undertaking/Govt. aided Colleges and having a magnitude of 40%(Forty percent) of the amount put to Tender.
- 4) Earnest Money:- The Bidders mandatorily have to submit the amount of Earnest Money @ 2% (two percent) of the estimated amount put to tender, in the shape of Bank Draft/Pay Order from any nationalized bank/R.B.I listed Bank, drawn in favour of the "Rammohan College". The bank draft should be attached with the tender, failing which the tender will be treated as informal and summarily rejected.
- 5) Rate should be quoted in figures as well as in words at percentage/above/below on the rate shown in the schedule of work.
- 6) The Successful bidder shall have to submit have to submit additional performance security @10% of the tendered/quoted amount in the form of Bank Guarantee if the accepted bid value is 80% (eighty percent) or less the estimates put to tender/sanctioned amount with in 7 (seven) working.
- 7) Labour Welfare Cess @ 1(One) % of Gross Bill Value will be deducted from every Bill of the selected agency.
- 8) All Bidders are requested to be present in the office of the College during opening the bid. The undersigned may call Open Bid/ Sealed Bid/ 2nd Call after opening of the said bid to obtain the suitable rate further, if required. No objections in this respect will be entertained from any Bidder. No informal will be entertained in the Bid further.
- 9) Site of work and necessary drawings (if any) and Layout of Work may be handed over to the agency phase. Stipulated period for completion of work should be strictly adhered to, subject to availability of site.
- 10) Principal, Rammohan College reserves the right to reject any application for participating in Tender and to accept or reject any or all tender without assigning any reason whatsoever and is not liable for any cost that might have incurred by any Bidder at the stage of Bidding.
- 11) The payment will be made as an when fund will be available from the concerned source, if the agency complete the work successfully to the satisfaction of College authority from technical point of view as well as workmanships.
- 12) Mandatory deductions will be made from gross bill value as per prevailing rule at the time of payment of bill.
- 13) Conditional/Incomplete Tender or Tender with Price variation clause(s) will not be accepted and any further claim will not be entertained in this regard.



S. Sanyal
6/02/2020
Principal
Rammohan College
Kolkata - 700009

SCHEDULE

Name of Work : Electrical Installation work at 3rd floor and part of Ground floor

(NIT No. Of 19-20)

Sl. No.	Description of items	Qty.		Rate(Rs)	Unit	Amount(Rs)
1	Dismantling the existing old & damaged Industrial type panel incl. busbar chamber, Incoming & Outgoing main switches, cables etc by cutting wall by skilled labour incl mending good the damages & relaying the outgoing cables in suitable manner in proposed position as per	1	item	2,500.00	each	2,500.00
2	Supply & Drawing 4 core 95 sq mm 1.1 kV grade PVC/XLPE insulated armoured aluminium cables (Gloster/KEI) with 2 nos. 10 SWG GI wire concealed in wall & mending good the damages to original finish.	49	mtrs	732.00	mtr	35,868.00
3	S & F compression type cable gland suitable for following sizes PVC/A al. cable complete with brass gland, rubber rings etc for dust & moisture proof entry					
i)	For 4 core 95 sq mm	4	Sets	234.00	Set	936.00
ii)	For 4 core 35 sq mm	4	Sets	162.00	Set	648.00
iii)	For 2 core 10 sq mm	2	Sets	115.00	Set	230.00
4	Finishing the ends of following cables by crimping method incl. S & F dowells solderless socket, tapes, and jointing materials etc. as per GS.					
i)	For 4 core 95 sq mm	4	Sets	310.00	Set	1,240.00
ii)	For 4 core 35 sq mm	4	Sets	158.00	Set	632.00
iii)	For 2 core 10 sq mm	2	Sets	34.00	Set	68.00
5	Supplying and fixing 415V, 250A TPN SFU (Make-L & T) with sheet steel enclosure on angle iron frame on wall with nuts bolts etc incl. S & F 3 nos. DIN type HRC fuse as per rating.	1	no.	15,575.00	each	15,575.00
	Supply & Drawing 4x35 +2x16 sq mm PVC cu wire through 50 mm dia flexible pipe incl finishing the ends from meter to main switch.	3	mtrs	1,948.00	mtr	5,844.00
6	S & F of 415V 250A 8-way double door VTPN MCBDB (Legrand-make Cat no. 607723) with 1no. 4P 200A MCCB (Make- Legrand) as incommer & 7 nos. 63A TP MCB & 3 nos 32A SPMCB (10kA)as outgoing with IP-42/43 protection (OEM Mk.) and making internal connection with suitable size cu.wire, finishing cu socketing & taped by colour PVC tapes etc. with earthing	1	Set	43,339.00	Set	43,339.00
7	Supplying and fixing double door sheet steel (16SWG), powder coated cable end box for VTPN DB enclosure on angle iron frame on wall & mending good the damages to original finish (Make-Legrand) as to GS.	2	Nos	1,072.00	Each	2,144.00
8	Cutting charges of 3"thick concrete road with special tools & tackles including mending good the damages.	38	mtrs	200.00	mtr	7,600.00
9	Excavation of soil for installation of earth electrode and filling & ramming(For soft soil)	10	cu m	215.00	Cu m	2,150.00

Sl. No.	Description of items	Qty.		Rate(Rs)	Unit	Amount(Rs)
10	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 & restoring surface duly rammed (:For Morrur Soil ISI-Medium GI	2	Nos	1,369.00	each	2,738.00
11	Extra for providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep complete with cemented brick work of 25 cm width duly plastered with cement mortar CI hinged inspection cover of size 35.56 x35.56 cm with locking arrangement GI reducer incl. drilling holes on the GI	2	Nos	915.00	each	1,830.00
12	S & F 25 mm dia medium gauge GI pipe (ISI Medium) protection with necy. Fittings & jointing materials.	10	mtrs	173.00	mtr	1,730.00
13	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required as to GS.	2	mtrs	156.00	mtr	312.00
14	Connecting the equipments to earth busbar including S & F 25mm x 6mm galvanized MS flat on wall/floor withGI saddles as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages as to GS.	15	mtrs	138.00	mtr	2,070.00
15	Supply and laying 1.1kV grade 4 core 35 sq mm PVC/XLPE insulated aluminium armoured cable (Havells/KEI/Gloster) concealed in wall incl S&F 2 nos. 10 SWG GI wire as per direction of EIC. (from VTPN to PBDB)	27	mtrs	428.00	mtr	11,556.00
16	S & F double door 6 wayTPN MCBDB with IP-42/43 protection concealed in wall incl.S & F 1no.415V 63A four pole isolator as incomer &18 nos. 16-32A SP MCB as outgoing incl. inter connection with suitable size cu.wire & mending good the damages to original	1	set	7,769.00	set	7,769.00
17	Supplying and fixing double door sheet steel (16SWG), powder coated cable end box for HTPN DB enclosure on angle iron frame on wall & mending good the damages to original finish (Make-Legrand/L & T) as to	2	nos.	682.00	each	1,364.00
18	S & F compression type cable gland for 4 core 35 sq mm PVC/A al. cable complete with brass gland, rubber rings for dust & moisture proof entry as per GS	2	Sets	162.00	set	324.00
19	Finishing the ends of 4 core 35 sq mm PVC/A al. cables by crimping method incl. S & F dowells solderless socket,tapes, and jointing materials etc. as per GS.	2	Sets	158.00	set	316.00

Sl. No.	Description of items	Qty.		Rate(Rs)	Unit	Amount(Rs)
20	S & F 240 V 6-10A per way (12+2) way SPN MCB DB with SS encloser Double door with 1no. 63 A DP isolater as incommer & 12 nos. SPMCB (C curve) as outgoing concealed in wall after cutting wall & mending good the damages to original finish incl. interconnection & provision for earthing attachment as per direction of EIC.(Legrand /L & T)	4	sets	4,497.00	set	17,988.00
21	Distn. wiring in 1.1 kV grade 2x1.5 sq.mm. single core stranded FR PVC insulated & unsheathed cu.wire through 19mm dia polythene pipe with 1x1.5 sq mm cu wire (Finolex/KEI/Havells)for ECC to light/fan/ call bell/ exhaust fan pts.with piano key type switch (Anchor) fixed on MS CRC sheet metal (16 SWG) switch board on wall complete with 3 Nos. cu.bar incl. 3 mm thick bakelite top cover and 175x100x65 mm inspection box incl. making earthing attachment & mending good	102	pts.	1,291.00	pt.	1,31,682.00
22	do -do- to 5A 5pin flush type plug socket and 5A piano key type switch on MS Box incl. interconnection. (on	12	nos.	67.00	each	804.00
23	Cutting channel of 40 mm x 40 mm size on masonry wall incl. S & F 19 mm dia 3 mm thick heavy gauge polythene pipe by means of iron hooks and supply & drawing 18 SWG GI wire as fish wire incl. mending good the	280	mtrs	87.00	mtr	24,360.00
24	Supply & Drawing 1.1 kV grade single core stranded FR PVC insulated & unsheathed cu wire (Finolex/KEI/Havells) of following sizes in pre laid polythene pipe incl. Making necy connections .					
a	2x6+1x4 sq mm(From PBDB to SPNDB)	80	mtrs	139.00	mtr	11,120.00
b	2x2.5+1x1.5 sq mm(For computer board & power	115	mtrs	65.00	mtr	7,475.00
c	2x1.5 + 1x1.5 sq mm(For separate plugs)	55	mtrs	48.00	mtr	2,640.00
25	S & F 240V,1 no. 20A Plug socket with 1 no.20A piano key type switch (Anchor) & 1 no. 6A plug socket with 1 no. 6A piano key type switch on wall incl.S&F 200x150x65 mm MS box with 3mm thick bakelite top cover incl. making necy. Connection as required.	5	Set	481.00	set	2,405.00
26	S & F 240V 1 no. 6A plug socket with 1 no. separate 6A piano key type switch (Anchor)on switch board embedded in wall incl. S & F 150x100x65 mm MS box with 3mm thick bakelite top cover incl. making necy. Connection as required.	2	Nos.	204.00	each	408.00
27	S & F MS fan clamp of two piece type for RC ceiling as per approved specification, fabricated from 40 mm x 9 mm MS flat incl. making good the damages to building roof with satisfactory finishing and painting--(As per drawing no. 475 of PWD specification book-May 1991)	5	nos.	242.00	each	1,210.00
28	Extra for suspension exceeding 25 cm with S & F addl. 2 nos 20mm dia E.I conduit(14 SWG) supports & necy. PVC insulated wire & painting etc. as required.	35	mtrs	155.00	mtr	5,425.00

Sl. No.	Description of items	Qty.		Rate(Rs)	Unit	Amount(Rs)
29	Supply & Fixing Stepped type fan regulator (Anchor) on existing sheet metal switch board with bakelite/ perspex top cover by screw after making housing for regulator knob by cutting top cover incl. making necy.	40	nos.	236.00	each	9,440.00
30	S & F 9" industrial type gong bell (Make-EXPO) on woodn board on wall incl. S & F 12"x8"x1" thick wooden board as per direction of EIC.	1	nos.	1,554.00	each	1,554.00
31	S & F angular batten holder (Anchor) on 75 mm dia PVC round block / round bakelite on wall incl. S & F 9W LED lamp (Philips).	3	nos.	195.00	each	585.00
32	Finishing the ends of the following Cu wire by solderless socket, Tapes, anti corrosive paste. etc.					
a	For 6 Sqmm Cu Wire	16	Nos.	9.00	each	144.00
b	For 4 Sqmm Cu Wire	8	Nos.	7.00	each	56.00
c	For 2.5 Sqmm Cu Wire	20	nos.	6.00	each	120.00
d	For 1.5 Sqmm Cu Wire	10	nos.	5.00	each	50.00
Sub-Total Amount						3,66,249.00
Add GST @ 12% on sub-total amount						43,949.88
Total Amount						4,10,198.88
Say						4,10,198.00

(Rupees Four lakh Ten Thousand One hundred Ninety Eight only)