

## General conditions

1. Tenderer should have valid Electric License.
2. They should have experience in carrying out jobs worth 20 lac in a single tender in a govt. organization/educational institution.
3. They should have supervisor of adequate capacity.
4. Time is the essence of contract, there is penalty of 1% for delay per week.
5. They should upload credentials and last 3 years bank statement
6. They should upload GST certificate and last IT return.
7. EMD in favour of Rabindra Bharati University for Rs 30000.00
10. 10% security Deposit would be deducted from running account bill and will be refunded after defect liability period of one year.

### **e of the Work:- Electrification of Baranagar Boys Hostel at GLT Road of Rabindra Bharati University.**

no.	Description of Items	Unit	Rate	Qty	Amount
1	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single stranded 'FR' PVC insulated & unsheathed copper wire and approved by EIC) in suitable size PVC casing-capping (Precision make) [for horizontal run & ceiling portion] and in 19mm bore, 3mm thick polythene concealed pipe [for vertical run embedded in wall only], with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. PVC clips, fittings etc. to provide fan/call bell points with piano key type switch (Anchor type) fixed on sheet steel fabricated switch board with bakelite/perspex top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works [PVC casing-capping on Wall and vertical & switch box both concealed] <b>Average run 6 mtr</b>	point	34.00	0.00	5560.00
	Board	point	67.00	5.00	005.00
2	Distribution Wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire ( <b>fenolex/Havells</b> by EIC) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. PVC clips, fittings etc. to 5A 3 phase flush type plug socket with piano key type switch (Anchor type) fixed on sheet steel fabricated CRC MS switch board bakelite/perspex (wall matching color) top cover of 3 mm thick flushed in wall by housing the board after cutting brick work incl. necy. connection making earthing attachment, making and mending good damages to building works [PVC				

	ing-capping on surface and Switch board concealed]				
3	verage run 3.0 mtr	point	08.00	0.00	6720.00
4/29	plying & Fixing iron beam fan clamp of two piece type, as per proved specification, fabricated from 40 mm x 9 mm MS sheet uitable for beam having flange upto 150 mm wide – (As per ring no. 476 of PWD Specification Book – May 1991) ranagar Boys Hostel.	set.	42.00	0.00	840.00
4	ply & Fixing Socket type fan regulator (Step type) <b>Anchor</b> approved by EIC) on existing sheet metal switch d with bakelite/perspex top cover by screw after ng housing for regulator knob by cutting lite/perspex top cover incl. making necy. connections ranagar Boys Hostel.	set	236.00	8.00	5488.00
5	aying of cable upto 2 core 25 sqmm on wall/surface incl. S & F addles with earthing attachment in 10 SWG GI (Hot Dip) making holes etc. as necy. mending good damages and ng from shramik vidyapith pump room to TPN core 16 sqmm PVC/A aluminium cable ( <b>Gloster/Havells</b> ) panel to PBDB	Mtr.	94.64	0.00	9464.00
	core 10 sqmm PVC/A aluminium cable from PBDB to BDB	Mtr.	49.92	0.00	5985.60
6	plying and fixing double-door SPN MCB Distribution d with IP-42/43 protection, concealed in wall after ng the wall & mending good the damages to nal finish incl. Inter connection with suitable size of er wire and neutral link & provision for earthing hment. With A DP Isolator & 10 Nos SPMCB way <b>Havells/Legrand/L&amp;T</b> make	set	645.00	.00	9160.00
7	plying and fixing double door Horizontal TPN MCB bution board with IP-42/43 protection, concealed ll after cutting the wall & mending good the ages to original finish incl. Inter connection with ple size of copper wire and neutral link & provision arthing attachment with 63A FP Isolator & 12 nos 32A SPMCB <b>ang/Havells/L&amp;T</b> make concealed in wall Gr floor to 3rd floor	set	122.00	.00	0488.00

no.	Description of Items	Unit	Rate	Qty	Amount
8	bution wiring in 1.1 KV single core stranded 'FR' insulated & unsheathed copper wire ( <b>fenolex/Havells</b> proved by EIC) in 20mm size PVC casing capping 'FR' ision make) incl. necy. Fittings as required.				
a	x 2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	Mtr.	16.00	0.00	9720.00
	x 4.0 sqmm) + 1 x 2.5 sqmm) ECC	Mtr.	36.00	5.00	900.00
9	ply & Fixing 240 V, 20A, plug socket with separate 20 A b key type switch (( <b>Anchor</b> approved by EIC) on sheet l switch board embedded in wall incl. S & F 100x65mm MS (16SWG) switch board and lite/perspex top cover of 3mm thick by Brass screws after ng housing for switch by cutting bakelite/perspex cover making necessary connections as required	set	24.00	7.00	508.00
10	plying and Fixing GI water proof looping cable box having				

16	ed GI Top Cover having 4 mm thick with rubber gasket , railway type mechanical locking arrangement, earthing nal with lug etc. of the following sizes as indicated below, prising of one 250 V, 15 A Kit-Kat fuse unit, one NL on lain insulator etc. and housing the same in pole muffing addition and alteration to the existing CC muffing (6:3:1) dismantling the damaged looping cable box etc. where . incl. painting x 250 x 100mm	set	30.00	.00	890.00
1	plying and fixing MCB SS enclosure with IP-20/30 ction, powder coated provision for two/four pole , concealed in wall after cutting the wall & mending the damages to original finish incl. painting,				
9	ection & provision for earthing attachment 2 Way S& fixing V MCB of Breaking capacity 10kA & C characteristics ng DBs and necessary connection	set	16.00	.00	448.00
2	plying and fixing compression type gland complete with brass d, brass ring & rubber ring for dust & moisture-proof entry of E/PVC armoured cables as below :				
7a	hing of the XLPE/PVC insulated armoured cable ends by ering with cable sockets and insulated tapes etc., including lying sockets, soldering materials, tapes etc. and making ection to switch, BDB and BBC etc.				
8b	core 16 sqmm PVC/A aluminium cable.	set	27.00	0.00	270.00
	core 10 sqmm PVC/A aluminium cable	set	49.00	2.00	278.00
3	plying and fixing 415V, 63A TPN L&T make SFU with sheet enclosure on flat iron/angle iron frame on wall with nuts bolts etc S & F 3 nos. DIN type HRC fuse for pump at Baranagar Hostel	set	132.00	.00	132.00
4	ing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia mm long GI bolts, double nuts, double washers incl. S & mm dia GI pipe protection (1 Mts. long) to be filled with hen partly under the ground level and partly above ground driven to an average depth of 3.65 Mts. below the ground as below				
5	GI-Medium GI pipe	set.	369.00	.00	738.00
	aying of cable as below, after cutting floor/pavement/wall/& ng holes incl., embedding the cable at an average depth as y and mending good the damages to original finish incl.				
	core 16 sqmm PVC/A aluminium cable (Gloster/Havells) panel to PBDB	Mtr.	69.68	0.00	1574.40
	core 10 sqmm PVC/A aluminium cable from PBDB to BDB	Mtr.	28.32	0.00	7398.40
6	ingle fluorecent light fitting <b>Havells make Regal batten T5</b> powder d with 1X TL 5 28 FTL T5 tube complete with all accessories tly ceiling/wall with clamp and suitable size of fastener or g only fluorescent light fitting suspended 25 cm below the g with 2 No. 20 mm dia EI conduit (14 SWG) supports incl. EI conduit, ball socket/socket type ceiling plate and ecting the length of PVC insulated wire and painting etc. as red as per EIC	set	004.43	3.00	3256.94

no.	Description of Items	Unit	Rate	Qty	Amount
7	<p>win fluorescent light fitting <b>Havells make Regal batten T5</b> powder  d with 2X TL 5 28 FTL T5 tube complete with all accessories  tly ceiling/wall with clamp and suitable size of fastener or  g only fluorescent light fitting suspended 25 cm below the  g with 2 No. 20 mm dia EI conduit (14 SWG) supports incl.  EI conduit, ball socket/socket type ceiling plate and  ecting the length of PVC insulated wire and painting etc. as  red as per EIC</p>	set	516.18	8.00	4718.24
8	<p><b>cool Breeze</b> Economy Plain ceiling fan <b>Crompton make</b>  ng fan (Brown ) complete With all blades , regulator ,  oved paint....making necessary connection as reqd.  ”(1400 mm sweep) ceiling fan  ”(1200 mm sweep) ceiling fan</p>	set. set.	034.67 862.17	9.00 9.00	0392.23 2624.63
9	<p>ixing 230V AC 450mm sweep 1325 rpm <b>orient</b> make cat no.  <b>NADO WALL II</b> cabin fan on wall/ceiling by S&amp;F rag bolts, nuts &amp;  ers (6 mm dia x 62 mm long) or as reqd. incl. S&amp;F 24/0.20  insulated flexible copper wire 0.5 mt. length</p>	set.	979.00	7.00	4433.00
10	<p>ixing only exhaust fan after making hole in wall and making good  ages and smooth cement finish etc. as practicable as  ible and providing necy. length of PVC insulated wire and  ng connection incl louver shutter with necy bolts &amp; nuts  khaust &amp; Fixing only louver shutter/cowl on wall with necy.  m dia x 62 mm long) nuts &amp; Bolts</p>	set	471.00	3.00	4478.00
	<p>"exhaust fan 1400 rpm EPC make at toilet Gr floor of Baranagar hostel</p>	set	256.00	1.00	2512.00
11	<p>ixing outdoor luminaires Cromton make aerodynamically  igned with better thermal management LSTN-100-CDL-A <b>HAWK</b>  plete with all accessories to be fixed/projected from the wall of  uilding incl. making holes to building, S&amp;F 40 mm dia GI pipe  Medium) 1.50 mts. average length, with GI socket at one end  hread at the other end &amp; suitable bend to house the fitting &amp;  ng necy. connections with S&amp;F necy. length of 1.5 sqmm  insulated single core stranded annealed copper wire and  ng connections as required and mending good damages to  and painting roof of Baranagar boys hostel</p>	set.	758.64	1.00	7275.92
12	<p>plying installation testing and Commissioning suitable size of  ubical Panel board floor mounting type by ( 14/16SWG )  heet ( front and top should be 14 SWG and others 16SWG ) and  ble size of M.S angle &amp; channel as necessary 3 phase 4 wire  , capacity copper busbar consisting of 3 nos 40mmX 6mm and  25 mmX 6mm copper bar duly tinned and proper insulated fixed  akelite Insulator.All the Interconnection should be made  uitable Size of insulated copper flat /rod and for meter Selector  h indicator lamp etc interconnection by fenolex copper  with Proper socketing .Cubical should be complete with two coats  wder coated paints over one coats of R.O primer all the doors  d be Provided with proper synthetic gasketing. Drawing &amp; Design  e appd. by E.I.C. before Fabricating the cubical.(incl masonry work)</p>				

**COMING SWITCH**

Supplying and fixing 415V, 200A TPN SFU open execution in the  
 enclosure with nuts bolts etc incl. S & F 3 nos. DIN type  
 fuse (Cat No.) **1 No.**

**OUTGOING SWITCH**

Supplying and fixing 415V, 63A TPN SFU open execution in existing  
 enclosure/cubical with nuts bolts etc incl. S & F 3 nos. DIN type  
 fuse - **8 nos.**

100-500V Voltmeter ( AE ) with selector Switch and slide lock fuse-01 no.

100 A ammeter ( AE ) CT operated with Selector switch one number

10/ 5 C.T ( kappa ) –03 nos.

Position indicator lamp with slide lock fuse- 03 nos.

Item	6775.00	.00	6775.00
			Rs. 388033.36
			Rs. 57188.04
			Rs. 57188.04
			Rs. 502409.44
			<b>Day Rs. 502409.00</b>

**CGST @ Rs 6% of SI No. 1 to 15**

**SGST @ Rs 6% of SI No. 1 to 15**

**Sl. No. 16 to 22 (seven no Item) incl CGST & SGST)**