



Shri Sharda Bhavan Education Society's
YESHWANT MAHAVIDYALAYA, NANDED

(NAAC Re-Accredited "A +" (4th Cycle) Grade & College with Potential for Excellence - UGC)
(Tel.No.02462-254170,254487)

Email:principalymn@gmail.com Website: <https://www.ymnnanded.in>

Tender Form
For Electrical Installation in Boys Hostel - 2024

Name of the Firm:
(Address & Contact No.)

Tender No. _____ : Cost of Blank Tender Rs.1000/-
(non-refundable)

Earnest Money Deposit : Rs.20,000/-
(EMD) by DD/Pay Order

Last date of Submission : 02.05.2024

Time up to : 5.00 PM

Date of Opening : 08.05.2024 at 11.30 AM

Shri Sharda Bhavan Education Society's
YESHWANT MAHAVIDYALAYA, NANDED

INSTRUCTIONS TO THE CONTRATORS / FIRMS FOR THE WORK

1. The Contractor or firm has to comply with the following requirements while submitting the tender.

Envelope containing:

- a) The Bankers cheque or DD of Nationalize Bank or Cash receipt for the earnest Money deposit.
 - b) Statement giving the list of work in hand and those completed during last two years detailing the authority, the cost of works and the stage of work etc.
 - c) List of technical personnel with the contractor or firm.
 - d) Conditional tenders will be rejected.
2. Tender offer will remain **valid for 60 days** from the date of opening of the tender.
 3. If the tendering contractor is a firm of company, they should produce all legal documents with the tender.
 4. The Contractor is required to sign all the tender documents on each and every page including the attached documents of the tender.

Principal
Yeshwant Mahavidyalaya, Nanded

Shri Sharda Bhavan Education Society's
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SPECIAL CONDITIONS

1. A schedule of probable quantities in respect of each work and a specification accompanies these special conditions. The schedule of probable quantity is liable to alternations by omitting, deductions at the discretion of the consulting Engineer / owner. Each tender should contain not only the rates but also the value of each item should be total in order to show the aggregate value of the entire quotation. The employees do not undertake to carry out the whole of the work the plans and taken in the schedule of quantities and reserve the right to modify the same or any part there of the contractor shall not be allowed any compensation or damages for the work which is so dropped or cancelled by the employer.
2. The tender must obtain for himself on his own responsibility and at his own expenses all the information which may be necessary for the purpose of making a tendered for entering into a contract and must examine the drawings and must consider and inspect the site of the work and acquaint himself with all local conditions means of access to the work, nature of the work, and all matters appertaining there of the tendered should observe the specification of materials to be used in the work.
3. The contractor on starting the work shall furnish to the consulting engineer and programmer for carrying out the work stage in stipulated time. The record showing the progress of work weekly shall be maintained.
4. The owner will not give advance for the purchase of any material required for the work.
5. Security deposits shall be deducted from R.A. bills and retained. This deposit will be inclusive of Earnest money deposit, initial security deposit and return after the defect liability period.
6. The E.M.D. amount for selected tender will be converted as initial security deposit.
7. The Contractor shall insure all his staff and workers against accidents as per the workers compensation Act the contractor shall obtain this policy within 08 days from the date of work orders.
8. The contractor shall also provide third party insurance cover as per clause of general conditions of contract.
9. The contractor will not be paid any extra rate more than the tender rate in case of increase in the quantities to any extent.
10. The tender containing erasures and alterations of the tender documents are liable to be rejected any corrections made by the tendered in his/their entries must be attested by him/them.
11. The works are required to be completed within a period of Two calendar months from the date of issue of the work order.
12. It shall not be obligatory on the said authority to accept the lowest tender and no tender/contractor shall demand by an explanation for the cause of rejection of his/their quotation.
13. The authority for acceptance of the tender will rest the Purchase Committee of College., who does not bind himself to accept the lowest of any other tender not does he undertake to assign reasons for declining to consider any particular quotation.
14. Required all Electrical material has to be got approved by the Purchase Committee in writing before execution of this work.

Principal
Yeshwant Mahavidyalaya, Nanded

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Electrical Installation work & Printing and Stationary Item Tender Notice

Sealed percentage rates tender are invited from registered, experienced & reputed firm/agency/contractor for providing electrical installation work (wiring & fitting) for newly constructed (G+1 floor) Boy's Hostel building in college campus. (Estimated, cost Rs. 18,49,051/- & GST Extra). Tender form cost of Rs.1000/- non-refundable on working days. Earnest money of Rs.20,000/- must be attached with tender in favor of Principal, Yeshwant Mahavidyalaya, Nanded in the form of D.D./Pay Order only. Also Sealed tenders are invited from dealers/authorized suppliers of Printing items, Sr. & Jr. College Prospectus, DTR Diary, Flat Dori lace with clip for I- card and Purchase of Stationary items, Computer Items, Computer, Printer, Chemicals, Glassware, employee uniform, College Magazine, text, syllabus & reference books (11th, 12th, UG, PG), book binding, register binding for the year 2024-2025. The cost of each tender form is Rs.300/- (non-refundable) and available on working days. Blank tender form for Electrical Installation work & Printing and Stationary and all other item will be available in the office from 19.04.2024 and last date of submission 02.05.2024 up to 5.00 pm on working days. Tender form is available on college website – (www.ymnnanded.in). Right to accept or reject fully or partly / cancelled any or all tenders without assigning any reason are reserved with Committee.

Principal

Shri Sharda Bhavan Education Society's
YESHWANT MAHAVIDYALAYA, NANDED

DECLARATION

Submitted to

The Principal,
Yeshwant Mahavidyalaya,
Nanded

Sir,

I herewith submit the Tender form for Electrical Installation. I hereby abide to the Special conditions and Instructions to the Contractors/Firms for the work mentioned in the tender form.

(Signature) _____

Name and Address of Manufacturer/ dealer _____
And Contact Number. _____

List of the customer:

(Firm Name and Signature)

LIST OF PREFERRED BRANDS FOR ELECTRICAL MATERIAL

Sr.	Item	Brand
1.	Casing "N" capping and accessories	Press fit, Delux, Diamond
2.	Copper wire (Multistrand)	Finolex/Poly Cab
3.	Accessories: Switch, Holder, Plug, Power point and ceiling rose.	Anchor
4.	Mcb's MCB Distribution Boxes and A/C Boxes	Mds, Ark Lyte
5.	Tube (Fluorescent tube rod)	Crompton
6.	Ar. Cables	Polycab
7.	Fan	Havells/Crompton/Orient

**Name of work :-Providing Electrical Installation to Boys Hostel Building for Yashawant Mahavidyalaya at SSBES
Campus,Nanded.**

SR.NO	DSR Item no	Description	Unit	Qty	Rate	Amount
1	1-1-10	Supplying and laying HIMS PVC conduit FRLSH grade 25 mm dia with necessary accessories in RCC work/false ceiling/false flooring as per specification No. WG-MA/CC.	m	920	117	107640
2	1-2-1 (New)	Supplying and erecting 20mm dia. corrugated flexible polypropylene conduit	m	20	16	320
3	1-2-7	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 25 mm with accessories on wall/ceiling as per specification No: WG-MA/CON.	m	180	44	7920
4	1-2-9	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 40 mm with accessories on wall/ceiling as per specification No: WG-MA/CON.	m	360	81	29160
5	1-3-1	Supplying and erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	m	1290	40	51600
6	1-3-4	Supplying and erecting mains with 2x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	m	220	132	29040
7	1-3-5	Supplying and erecting mains with 2x10 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	m	80	232	18560
8	1-3-6	Supplying and erecting mains with 3x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	m	195	93	18135
9	1-6-6	Supplying and erecting modular type switch 16 / 20 A with indicator, duly erected on provided plate and box with wiring connections complete.	Each	120	137	16440
10	1-6-11	Supplying and erecting modular type 3 pin 6 / 16A multi socket with safety shutter, duly erected on provided plate and box with wiring connections complete.	Each	14	160	2240
11	1-6-23	Supplying and erecting modular type (two module) electronic step regulator for fan, duly erected on provided plate and box with wiring connections complete.	Each	107	382	40874
12	1-6-24	Supplying and erecting modular type blanking plate one module, duly erected on provided plate & box.	Each	42	21	882
13	1-6-28	Supplying and erecting PVC Surface modular switch box with double mounting plate for 3 module duly erected.	Each	6	148	888
14	1-6-30	Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 module duly erected.	Each	8	222	1776
15	1-7-16 (New)	Point wiring for ceiling fan (Surface type under false ceiling and concealed type for drops & switch boards on walls) in min 20 mm PVC conduit / casing n capping with 1.5 sq.mm. (2+1E) FRLSH grade copper wires, modular type switch, earthing and required accessories as per specification No: WG-PW/HW	Point	107	638	68266
16	1-7-19	Point wiring for light/bell/exhaust fan in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FRLSH grade copper wire, modular type switch, earthing and required accessories as per specification No: WG-PW/SW	Point	408	552	225216
17	1-7-26	Wiring for plug on board with Switch socket surface/concealed type, copper wiring and earthing and with modular accessories as per specification No: WG-PW/CW	Point	108	386	41688

18	2-1-7 (New)	Supplying and erecting LED Panel Light(600mm X 600mm) Max. 30 W having CRCA powder coated housing, polystyrene diffuser having system lumens output of Min. 3600 Lumens, min. efficacy of 120 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50 including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.	Each	2	2524	5048
19	2-1-15	Supplying and erecting bulk head LED fitting max. 10W with high transitivity diffuser with system lumens output of min. 1100 lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., THD<10%, p.f. >0.95, operating range of 140-260V, in built surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50. including driver. IP66. IK09 rated on provided	Each	63	1416	89208
20	2-1-18	Supplying and erecting anodized aluminium corridor / passage light LED fitting (4 feet) Max. 22W with high transitivity diffuser with system lumens output of Min.2200 lumens , min. efficacy of 100 lumen/W, CRI>80, CCT upto 6000K, Beam Angle of 110 deg., Ripple<5%, THD<10%, p.f. >0.95, operating range of 200-270V, surge protection of 2 kV, Life class of 50,000 Hrs. at L70B50, including driver, with end caps on provided PVC Block / wooden board with 3 years warranty.	Each	253	797	201641
21	2-4-2	Supplying and erecting integrated LED street light fitting 23 to 25W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 2300 Lumens, min. efficacy of 100 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.95, operating range of 140-270V, inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3Years warranty as per specification no. FG-08/01/02	Each	15	2090	31350
22	2-7-3	Supplying and erecting street light Wall bracket made from 25 mm. dia ' G.I. pipe 1.2 m. in total length complete as per specification no. FG-BKT/AVB	Each	15	667	10005
23	2-8-9	Supplying & erecting 3W, 230V integral type LED Lamp suitable for B-22 / E-27 base.	Each	46	126	5796
24	2-10-15	Supplying and erecting exhaust fan medium duty 230 V A.C. 50 cycles 225 mm. 1400 RPM with condenser complete erected in position with necessary materials. Fan motor with moisture proof treatment and 'E' class insulation.	Each	8	2032	16256
25	2-10-21	Supplying and erecting energy saving ceiling fan 230 V A.C. 50 cycles 1200 mm complete erected in position as per specification no. FG-FN/CF	Each	107	2397	256479
26	2-11-4	Supplying and erecting fan hook of 10 mm. M.S. round bar grouted in RCC slab with making the site as original.	Each	107	115	12305
27	2-11-10	Providing recess in brick wall suitable for erection of exhaust fan up to 450 mm sweep complete with grouting of nut, bolts, plaster in hand colour washing to match the colour of the wall for the wall thickness of 150 mm.	Each	8	326	2608
28	3-3-8	Supplying, erecting, testing and commissioning self contained water cooler 230/250V 50Hz nominal cooling capacity of 40 litres per hour and storage capacity 80 litres with partially stainless steel body As per specification no. APWCR/WC	Each	7	34549	241843
29	3-5-1	Supplying and erecting ultra violet storage type water purifier (RO+UV+UF) with softener for safe drinking water consisting of UV germicidal tube of 8W capacity choke made of copper wire and two indicator lamps with output of purified water minimum 0.33 litre/min with activated carbon filter and softener operating on 230V, single phase A.C. supply with UV fail & filter change indication system (for TDS more than 200)	Each	1	15891	15891
30	3-6-4	#####	Each	1	20403	20403

31	3-8-4	Supplying and erecting 12V/150Ah tubular battery with battery terminal wire, duly charged with 36 months warranty complete.	Each	2	18877	37754
32	4-8-1	Supplying and erecting quartz electronic time switch having 24 hour dial to work on 250 V 50 cycle AC having built in rechargeable nickel cadmium batteries to run the time switch on failure of supply having switch contact rating up to 16A to use independently or in conjunction with contactor.	Each	1	2386	2386
33	5-3-2	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each	92	174	15997
34	5-1-18 (New)	Supplying and erecting switch disconnecter fuse (SDF) switch 415V, 100A, open execution, four pole AC23 A rated with terminal shrouds on both sides and phase barriers along with telescopic shaft for depth adjustments and door interlock and padlock complying to IS/IEC 60947-3 Part-1/3 HRC - DIN type fuse, insulation voltage 1000 V for enclosing in panel with rotary handle for ON / OFF operation (without HRC fuse)	Each	1	4635	4635
35	5-3-6	Supplying, erecting & marking DPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each	2	535	1070
36	5-3-12	Supplying, erecting & marking FPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each	3	1059	3177
37	5-3-13	Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	Each	2	1329	2658
38	5-3-15	Supplying, erecting and marking triple pole isolators only switch version of miniature circuit breaker of 40A with required wiring connections and lugs etc. in provided distribution board.	Each	8	604	4834
39	5-4-1	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles), with door, 1.2mm thickness, surface/flush mounted, IP 43 protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	Each	3	2356	7068
40	5-4-2	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles), with door, 1.2mm thickness surface/ flush mounted, IP 43 Protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	Each	2	3380	6760
41	5-4-9	Supplying and erecting single pole and neutral distribution board (SPNDB), with 2 ways for incoming and 10 ways (10 poles) for outgoing SP MCBs, with door, 1.2mm thickness surface / flush mounted, IP 43 Protection on iron / GI frame as per specification no. SW-SWR/MCBDB	Each	1	1495	1495
42	5-4-14	Supplying and erecting blanking plate of suitable size on MCBDB.	Each	6	15	93
43	5-4-16	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer & outgoing SP MCB (24 poles) or TP MCB of 8 ways (24 poles), with door, 1.2mm thickness, surface/flush mounted, on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB	Each	1	7791	7791
44	5-5-2	Providing & erecting 3 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel as per specification no. SW-SWR/MCCB	Each	1	10604	10604

45	5-10-18	Supplying & erecting HRC fuse cartridge 415V, 100A	Each	3	242	726
46	5-11-2	Supplying and erecting terminal spreaders suitable for 3 pole, up to 250A MCCB (set of 6)	Set	1	940	940
47	6-3-1	Supplying and erecting static energy meter with 240V 50 Hz AC supply 5 to 30 A, ISI mark, accuracy class 1.0 with backlit LCD display, (measuring and display kWh, kVAh, V, I, PF, frequency, kW, kVA, six months history of Energy & MD in kW & kVA) with transparent hinge type box complete erected on polished teak wood board duly wired with required size of weather proof PVC wires duly tested by electric supply company.	Each	1	2955	2955
48	7-1-4	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V 2 core 4 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL.	m	130	113	14690
49	7-1-18	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 70 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL.	m	220	494	108680
50	7-6-5	Supplying & laying (including excavation) reinforced cement concrete pipe of IS 458:2003 NP-2 class of 150 mm internal diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.	m	4	569	2276
51	7-7-6	Supplying & erecting single compression type brass cable glands for 3½ core 70 sq mm for XLPE armoured cable as per specification No. CB-GL	Each	4	262	1048
52	7-8-1	Supplying & erecting cast iron cable indicator plate buried along with route of cable for PVC / XLPE armoured cable as per specification No. CB-CIP	Each	20	172	3440
53	7-9-1	Supplying & erecting crimping type copper lugs for cable up to 16 sq mm complete as per specification No. CB-CL/CU	Each	50	23	1150
54	7-10-3	Supplying & erecting crimping type aluminium lugs for cable 35 sq mm complete as per specification No. CB-CL/AL	Each	4	18	72
55	7-10-5	Supplying & erecting crimping type aluminium lugs for cable 70 sq mm complete as per specification No. CB-CL/AL	Each	12	30	360
56	9-1-1	Providng earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm complete with all materials, testing & recording the results as per specification no. EA-EP	Each	1	4714	4714
57	16-1-1	Making trench in soft soil having 0.75 m depth and minimum 0.3 m width for laying provided cables up to voltage level of 1.1kV complete As per specification No. CW-EXN-CTR	m	200	161	32200
TOTAL AMOUNT						1849051
ADD 18 % GST						332829.18
TOTAL						2181880.18

TWENTY ONE LAKH EIGHTY ONE THOUSAND EIGHT HUNDRED AND EIGHTY RUPEES.



MEASUREMENT SHEET

Sr.No	DSR Item No	Description	QTY
1	1-1-10	Supplying and laying HMS PVC conduit FRLS grade 25 mm dia with necessary accessories in RCC work/false ceiling/false flooring as per specification No. WG-MA/CC.	
		GROUND FLOOR	M 460
		FIRST FLOOR	M 460
		TOTAL QTY.	M 920
2	1-2-1 (New)	Supplying and erecting 20mm dia. corrugated flexible polypropylene conduit	
		GROUND FLOOR	M 10
		FIRST FLOOR	M 10
		TOTAL QTY.	M 20
3	1-2-7	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 25 mm with accessories on wall/ceiling as per specification No: WG-MA/CON.	
		GROUND FLOOR	M 65
		FIRST FLOOR	M 65
		TOILET BLOCK	M 50
TOTAL QTY.	M 180		
4	1-2-9	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 40 mm with accessories on wall/ceiling as per specification No: WG-MA/CON.	
		GROUND FLOOR	M 180
		FIRST FLOOR	M 180
		TOTAL QTY.	M 360
5	1-3-1	Supplying and erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW	
		GROUND FLOOR	M 550
		FIRST FLOOR	M 740
		TOTAL QTY.	M 1290
6	1-3-4	Supplying and erecting mains with 2x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	
		GROUND FLOOR	M 10
		FIRST FLOOR	M 210

		M	TOTAL QTY.	220
7	1-3-5	Supplying and erecting mains with 2x10 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW		
		GROUND FLOOR		
		FIRST FLOOR		
		M	TOTAL QTY.	80
8	1-3-6	Supplying and erecting mains with 3x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places as per specification No: WG-MA/BW		
		GROUND FLOOR		
		FIRST FLOOR		
		M	TOTAL QTY.	85
9	1-6-6	Supplying and erecting modular type switch 16 / 20 A with indicator, duly erected on provided plate and box with wiring connections complete.		
		GROUND FLOOR		
		FIRST FLOOR		
		EACH	TOTAL QTY.	60
				60
			TOTAL QTY.	120
10	1-6-11	Supplying and erecting modular type 3 pin 6 / 16A multi socket with safety shutter, duly erected on provided plate and box with wiring connections complete.		
		GROUND FLOOR		
		Warden Qtr.	1	1
		Kitchen	2	2
		Kitchen & Dining	3	3
		Outer side	2	2
			TOTAL	8
		FIRST FLOOR		
		Multi Disciplinary Hall	2	2
		Passage & Staircase	2	2
		TV Hall & Library	2	2
			TOTAL	6
		EACH	TOTAL QTY.	14
11	1-6-23	Supplying and erecting modular type (two module) electronic step regulator for fan, duly erected on provided plate and box with wiring connections complete.		
		GROUND FLOOR		
		Passage & Staircase	2	2
		Warden Qtr. & Room	5	5

		Kitchen & Dining	8	8
		Room no-1 to 18	36	36
				TOTAL
				51
		FIRST FLOOR		
		Multi-Disciplinary Hall	6	6
		TV HALL & LIBRARY	8	8
		Room- 1 to 20	42	42
				TOTAL
				56
			EACH	TOTAL QTY.
				107
12	1-6-24	Supplying and erecting modular type blanking plate one module, duly erected on provided plate & box.		
		GROUND FLOOR		20
		FIRST FLOOR		22
			EACH	TOTAL QTY.
				42
13	1-6-28	Supplying and erecting PVC Surface modular switch box with double mounting plate for 3 module duly erected.		
		GROUND FLOOR	3	3
		FIRST FLOOR	3	3
			EACH	TOTAL QTY.
				6
14	1-6-30	Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 module duly erected.		
		GROUND FLOOR	4	4
		FIRST FLOOR	4	4
			EACH	TOTAL QTY.
				8
15	1-7-16 (New)	Point wiring for ceiling fan (Surface type under false ceiling and concealed type for drops & switch boards on walls) in min 20 mm PVC conduit / casing n capping with 1.5 sq.mm. (2+1E) FRLSH grade copper wires, modular type switch, earthing and required accessories as per specification No: WG-PW/HW		
		GROUND FLOOR		
		Passage & Staircase	2	2
		Warden Qtr. & Room	5	5
		Kitchen & Dining	8	8
		Room no-1 to 18	36	36
			POINT	TOTAL
				51
		FIRST FLOOR		
		Multi-Disciplinary Hall	6	6

TV HALL & LIBRARY	8	8
Room- 1 to 20	42	42
		TOTAL
		56
	POINT	TOTAL QTY.
		107

16 1-7-19 Point wiring for light/bell/exhaust fan in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FRLSH grade copper wire, modular type switch, earthing and required accessories as per specification No: WG-PW/SW

GROUND FLOOR

Passage & Staircase	24	24
Warden Qtr. & Room	23	23
Kitchen & Dining	18	18
Room no-1 to 18	110	110
Toilet Block	30	30

TOTAL 205

FIRST FLOOR

Multi-Disciplinary Hall	22	22
TV HALL & LIBRARY	22	22
Room- 1 to 20	110	110
Passage	19	19
Toilet Block	30	30

TOTAL 203

POINT **TOTAL QTY.** 408

17 1-7-26 Wiring for plug on board with Switch socket surface/concealed type, copper wiring and earthing and with modular accessories as per specification No: WG-PW/CW

GROUND FLOOR

Passage & Staircase	1	1
Warden Qtr. & Room	7	7
Kitchen & Dining	4	4
Room no-1 to 18	36	36

TOTAL 48

FIRST FLOOR

Multi-Disciplinary Hall	8	8
TV HALL & LIBRARY	9	9
Room- 1 to 20	42	42
Passage	1	1

TOTAL 60

POINT **TOTAL QTY.** 108

2-1-7 (New) Supplying and erecting LED Panel Light(600mm X 600mm) Max. 30 W having CRCA powder coated housing, polystyrene diffuser having system lumens output of Min. 3600 Lumens, min. efficacy of 120 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50 including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.

18

GROUND FLOOR
PORCH

2

2

EACH

TOTAL QTY.

2

2-1-15 Supplying and erecting bulk head LED fitting max. 10W with high transitivity diffuser with system lumens output of min. 1100 lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., THD<10%, p.f. >0.95, operating range of 140-260V, in built surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, IP66, IK09 rated on provided PVC Block / wooden board with 3 years warranty.

19

GROUND FLOOR
FIRST FLOOR

33

33

30

30

EACH

TOTAL QTY.

63

2-1-18 Supplying and erecting anodized aluminium corridor / passage light LED fitting (4 feet) Max. 22W with high transitivity diffuser with system lumens output of Min.2200 lumens , min. efficacy of 100 lumen/W, CRI>80, CCT upto 6000K, Beam Angle of 110 deg., Ripple<5%, THD<10%, p.f. >0.95, operating range of 200-270V, surge protection of 2 kV, Life class of 50,000 Hrs. at L70B50, including driver, with end caps on provided PVC Block / wooden board with 3 years warranty.

20

GROUND FLOOR

Passage & Staircase

22

22

Warden Qtr. & Room

6

6

Kitchen & Dinning

16

16

Room no-1 to 18

63

63

Toilet Block

8

8

TOTAL

115

FIRST FLOOR

Multi-Disciplinary Hall

10

10

TV HALL & LIBRARY

19

19

Room- 1 to 20

12

12

Passage

81

81

Toilet Block

16

16

TOTAL

138

EACH

TOTAL QTY.

253

2-4-2 Supplying and erecting integrated LED street light fitting 23 to 25W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 2300 Lumens, min. efficacy of 100 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.95, operating range of 140-270V, inbuilt surge protection of 10 kV, Life class of 50,000 Hrs. at L70B50, including driver complete with 3 Years warranty as per specification No FG-ODR/FLS2.

21

GROUND FLOOR

Open Porch

4

4

Building Out Side

11

11

EACH

TOTAL QTY.

15

2-7-3 Supplying and erecting street light Wall bracket made from 25 mm. dia ' G.I. pipe 1.2 m. in TOTAL QTY. QTY. length complete as per specification no. FG-BKT/WB

22

		GROUND FLOOR		
		Open Porch	4	4
		Building Out Side	11	11
			EACH	TOTAL QTY.
				15
23	2-8-9	Supplying & erecting 3W, 230V integral type LED Lamp suitable for B-22 / E-27 base.		
		GROUND FLOOR		
		Warden Qtr. & Rooms	7	7
		Room no-1 to 18	18	18
				TOTAL
				25
		FIRST FLOOR		
		Room-1 to 21	21	21
				TOTAL
				21
			EACH	TOTAL QTY.
				46
24	2-10-15	Supplying and erecting exhaust fan medium duty 230 V A.C. 50 cycles 225 mm. 1400 RPM with condenser complete erected in position with necessary materials. Fan motor with moisture proof treatment and 'E' class insulation.		
		GROUND FLOOR		
		Kitchen	2	2
		Toilet Block	3	3
		FIRST FLOOR		
		Toilet Block	3	3
			EACH	TOTAL QTY.
				8
25	2-10-21	Supplying and erecting energy saving ceiling fan 230 V A.C. 50 cycles 1200 mm complete erected in position as per specification no. FG-FN/CF		
		GROUND FLOOR		
		Passage & Staircase	2	2
		Warden Qtr. & Room	5	5
		Kitchen & Dinning	8	8
		Room no-1 to 18	36	36
				TOTAL
				51
		FIRST FLOOR		
		Multi-Disciplinary Hall	6	6
		TV HALL & LIBRARY	8	8
		Room- 1 to 20	42	42
				TOTAL
				56
			EACH	TOTAL QTY.
				107
26	2-11-4	Supplying and erecting fan hook of 10-mm. M.S. round bar grouted in RCC slab with making the site as original.		
		GROUND FLOOR		
		Passage & Staircase	2	2
		Warden Qtr. & Room	5	5
		Kitchen & Dinning	8	8
		Room no-1 to 18	36	36
				TOTAL
				51

FIRST FLOOR				
		Multi-Disciplinary Hall	6	6
		TV HALL & LIBRARY	8	8
		Room- 1 to 20	42	42
				TOTAL
				56
			EACH	TOTAL QTY.
				107
27	2-11-10	Providing recess in brick wall suitable for erection of exhaust fan up to 450 mm sweep complete with grouting of nut, bolts, plaster in hand colour washing to match the colour of the wall for the wall thickness of 150 mm.		
		GROUND FLOOR		
		Kitchen	2	2
		Toilet Block	3	3
		FIRST FLOOR		
		Toilet Block	3	3
			EACH	TOTAL QTY.
				8
28	3-3-8	Supplying, erecting, testing and commissioning self contained water cooler 230/250V 50Hz nominal cooling capacity of 40 litres per hour and storage capacity 80 litres with partially stainless steel body As per specification no. APWCR/ WC		
		GROUND FLOOR		
			7	7
		FIRST FLOOR		
			EACH	TOTAL QTY.
				7
29	3-5-1	Supplying and erecting ultra violet storage type water purifier (RO+UV+UF) with softener for safe drinking water consisting of UV germicidal tube of 8W capacity choke made of copper wire and two indicator lamps with output of purified water minimum 0.33 litre/min with activated carbon filter and softener operating on 230V, single phase A.C. supply with UV fail & filter change indication system .(for TDS more than 200)		
		GROUND FLOOR		
			1	1
		FIRST FLOOR		
			EACH	TOTAL QTY.
				1
30	3-6-4	#####		
		GROUND FLOOR		
			1	1
		FIRST FLOOR		
			EACH	TOTAL QTY.
				1
31	3-8-4	Supplying and erecting 12V/150Ah tubular battery with battery terminal wire, duly charged with 36 months warranty complete.		
		GROUND FLOOR		
			2	2
		FIRST FLOOR		
			EACH	TOTAL QTY.
				2
32	4-8-1	Supplying and erecting quartz electronic time switch having 24 hour dial to work on 250 V 50 cycle AC having built in rechargeable nickel cadmium batteries to run the time switch on failure of supply having switch contact rating up to 16A to use independently or in conjunction with contactor.		
		GROUND FLOOR		
			1	1
		FIRST FLOOR		
			EACH	TOTAL QTY.
				1

33	5-3-2	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB			
		GROUND FLOOR	92		92
		FIRST FLOOR			
			EACH	TOTAL QTY.	92
34	5-1-18 (New)	Supplying and erecting switch disconnecter fuse (SDF) switch 415V, 100A, open execution, four pole AC23 A rated with terminal shrouds on both sides and phase barriers along with telescopic shaft for depth adjustments and door interlock and padlock complying to IS/IEC 60947-3 Part-1/3 HRC - DIN type fuse, insulation voltage 1000 V for enclosing in panel with rotary handle for ON / OFF operation (without HRC fuse)			
		GROUND FLOOR	1		1
		FIRST FLOOR			
			EACH	TOTAL QTY.	1
35	5-3-6	Supplying, erecting & marking DPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB			
		GROUND FLOOR	2		2
		FIRST FLOOR			
			EACH	TOTAL QTY.	2
36	5-3-12	Supplying, erecting & marking FPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB			
		GROUND FLOOR	3		3
		FIRST FLOOR			
			EACH	TOTAL QTY.	3
37	5-3-13	Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB			
		GROUND FLOOR	2		2
		FIRST FLOOR			
			EACH	TOTAL QTY.	2
38	5-3-15	Supplying, erecting and marking triple pole isolators only switch version of miniature circuit breaker of 40A with required wiring connections and lugs etc. in provided distribution board.			
		GROUND FLOOR	8		8
		FIRST FLOOR			
			EACH	TOTAL QTY.	8
39	5-4-1	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles), with door, 1.2mm thickness, surface/flush mounted, IP 43 protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB			
		GROUND FLOOR	3		3
		FIRST FLOOR			
			EACH	TOTAL QTY.	3
40	5-4-2	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles), with door, 1.2mm thickness surface/ flush mounted, IP 43 Protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB			

		GROUND FLOOR	2		2
		FIRST FLOOR			
			EACH	TOTAL QTY.	2
	5-4-9	Supplying and erecting single pole and neutral distribution board (SPNDB), with 2 ways for incoming and 10 ways (10 poles) for outgoing SP MCBs, with door, 1.2mm thickness surface / flush mounted, IP 43 Protection on iron / GI frame as per specification no. SW-SWR/MCBDB			
41		GROUND FLOOR	1		1
		FIRST FLOOR			
			EACH	TOTAL QTY.	1
42	5-4-14	Supplying and erecting blanking plate of suitable size on MCBDB.			
		GROUND FLOOR	6		6
		FIRST FLOOR			
			EACH	TOTAL QTY.	6
	5-4-16	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer & outgoing SP MCB (24 poles) or TP MCB of 8 ways (24 poles), with door, 1.2mm thickness, surface/flush mounted, on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDBI			
43		GROUND FLOOR	1		1
		FIRST FLOOR			
			EACH	TOTAL QTY.	1
	5-5-2	Providing & erecting 3 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel as per specification no. SW-SWR/MCCB			
44		GROUND FLOOR	1		1
		FIRST FLOOR			
			EACH	TOTAL QTY.	1
45	5-10-18	Supplying & erecting HRC fuse cartridge 415V, 100A			
		GROUND FLOOR	3		3
		FIRST FLOOR			
			EACH	TOTAL QTY.	3
46	5-11-2	Supplying and erecting terminal spreaders suitable for 3 pole, up to 250A MCCB (set of 6)			
		GROUND FLOOR	1		1
		FIRST FLOOR			
			SET	TOTAL QTY.	1

47	6-3-1	Supplying and erecting static energy meter with 240V 50 Hz. AC supply 5 to 30 A, ISI mark, accuracy class 1.0 with backlit LCD display, (measuring and display kWh, kVAh, V,I,PF, frequency, kW, kVA, six months history of Energy & MD in kW & kVA) with transparent hinge type box complete erected on polished teak wood board duly wired with required size of weather proof PVC wires duly tested by electric supply company.			
		GROUND FLOOR	1		1
		FIRST FLOOR			
			EACH	TOTAL QTY.	1
48	7-1-4	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V 2 core 4 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-I/T/AL			
		GROUND FLOOR	130		130
		FIRST FLOOR			
			M	TOTAL QTY.	130
49	7-1-18	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 70 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-I/T/AL			
		GROUND FLOOR	220		220
		FIRST FLOOR			
			M	TOTAL QTY.	220
50	7-6-5	Supplying & laying (including excavation) reinforced cement concrete pipe of IS 458:2003 NP-2 class of 150 mm internal diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.			
		GROUND FLOOR	4		4
		FIRST FLOOR			
			M	TOTAL QTY.	4
51	7-7-6	Supplying & erecting single compression type brass cable glands for 3½ core 70 sq mm for XLPE armoured cable as per specification No. CB-GL			
		GROUND FLOOR	4		4
		FIRST FLOOR			
			EACH	TOTAL QTY.	4
52	7-8-1	Supplying & erecting cast iron cable indicator plate buried along with route of cable for PVC / XLPE armoured cable as per specification No. CB-CIP			
		GROUND FLOOR	20		20
		FIRST FLOOR			
			EACH	TOTAL QTY.	20
53	7-9-1	Supplying & erecting crimping type copper lugs for cable up to 16 sq mm complete as per specification No. CB-CL/CU			
		GROUND FLOOR	50		50
		FIRST FLOOR			
			EACH	TOTAL QTY.	50

54	7-10-3	Supplying & erecting crimping type aluminium lugs for cable 35 sq mm complete as per specification No. CB-CL/AL			
		GROUND FLOOR	4	4	
		FIRST FLOOR			
			EACH	TOTAL QTY.	4
55	7-10-5	Supplying & erecting crimping type aluminium lugs for cable 70 sq mm complete as per specification No. CB-CL/AL			
		GROUND FLOOR	12	12	
		FIRST FLOOR			
			EACH	TOTAL QTY.	12
56	9-1-1	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm complete with all materials, testing & recording the results as per specification no. EA-EP			
		GROUND FLOOR	1	1	
		FIRST FLOOR			
			EACH	TOTAL QTY.	1
57	16-1-1	Making trench in soft soil having 0.75 m depth and minimum 0.3 m width for laying provided cables up to voltage level of 1.1kV complete As per specification No. CW-EXN-CTR			
		GROUND FLOOR	200	200	
		FIRST FLOOR			
			M	TOTAL QTY.	200

