

SCHEDULE - B

ELECTRIC WORKS (LABOR WORK) OF RAJKOT NAGRIK SAHAKARI BANK,

Sr.No.	Description	Unit	Qty.	Rate	Total Amount
1	POINT WIRING (LABOR WORK)				
	Installation, testing and commissioning of following point wiring as per the specifications and drawings. The unit rate for the switch board and further to point outlet including all hardware, connector strips, fan hook, outlet boxes, switch boards, switch plates, switches, wire conduits etc. A point shall include in addition to phase and neutral wire, a PVC insulated earthcontinuing wire from L. P. to the final termination at outlet points. All the wiring should be done in concealed / semi concealed open manner or slab / wall / false ceiling. The wiring should be done with rigid PVC conduits / Casing - capping having minimum of 1.6 mm wall thickness and minimum 19mm dia with 440V grade PVC insulated. ISI approved copper conductor wire, with crabtree/ ROMA make switches and accessories with company boxes for point outlet and SB and with all required hardware accessories to complete the wiring. No junction boxes are allowed any where in the wiring.				
	All joints shall be done at point outlet on switch boards only. In between joints are not allowed anywhere. The wiring shall be done as per IS 732 and IS 4648.				
	a) Making Zari in the wall & sami finishing the surface.				
	b) Ball and socket joint wherever required.				
	c) Earthing of fittings				
	d) Electrical connections from the outlet points to the fixture with 3 core flexible wire.				
	RATE ARE INCLUDING MAINS CIRUITS				
1.1	One Light Point Controlled By One 5 Amp. Switch :-	NOS	60	Rs. 360.00	Rs. 21,600.00
	A) Wire Size: Lighting DB to Switch Board Circuit: Phase Wire - Red/Yellow/Blue Color -2.5. sq. mm-1 no. Neutral Wire -Black Color - 2.5. sq. mm-1 no. Earth Wire -Green Color -1.5. sq. mm-1 no.				
	B) Wire Size: Switch to Light Point Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire -Black Color - 1.5. sq. mm-1 no. Earth Wire -Green Color -1.0. sq. mm-1 no.				
	C) FRLS Wire : RR Kabel / Finolex / Lapp				
	D) Modular Switch : Legrand - Mylinc				
	E) PVC Conduit & Accessories Make : Polycab				
1.2	Two Light Points Controlled By One 5 Amp. Switch :-	NOS	55	Rs. 600.00	Rs. 33,000.00
	A) Wire Size: Light Point to Light Point Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire - Black Color - 1.5. sq. mm-1 no. Earth Wire - Green Color -1.0. sq. mm-1 no.				
	B) FRLS Wire: RR Kabel / Finolex / lap				
	C) Modular Switch: Legrand - Mylinc				
	E) PVC Conduit & Accessories Make : Polycab				
1.3	One 5 Amp. Switch & Socket Controlled For Wall / EXHUST Fan Point :-	NOS	15	Rs. 360.00	Rs. 5,400.00
	A) Wire Size: Light Point to Light Point Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire - Black Color - 1.5. sq. mm-1 no. Earth Wire - Green Color -1.0. sq. mm-1 no.				
	B) FRLS Wire: RR Kabel / Finolex / Lapp				
	C) Modular Switch: Legrand - Mylinc				
	D) PVC Conduit & Accessories Make: Polycab				
1.4	One 5 Amp. 5 Pin Socket Outlet Controlled By One 5 Amp. Switch Looped On Switch Board :-	NOS	30	Rs. 30.00	Rs. 900.00
	A) Wire Size: Loop Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire - Black Color -1.5. sq. mm-1 no. Earth Wire - Green Color -1.0. sq. mm-1 no.				
	B) FRLS Wire: RR Kabel / Finolex / Lapp				
	C) Modular Switch: Legrand - Mylinc				
	D) PVC Conduit & Accessories Make: Polycab				
1.5	Three 5 Amp. 5 Pin Socket Outlet Controlled By One 15 Amp. At Other Convenient Location For Computer. (Maximum 4 Nos. Of Boards In One UPS Circuit) :-	NOS	36	Rs. 600.00	Rs. 21,600.00
	A) Wire Size: UPS DB to Switch Board Circuit: Phase Wire - Red/Yellow/Blue Color -2.5. sq. mm-1 no. Neutral Wire -Black Color - 2.5. sq. mm-1 no. Earth Wire -Green Color -1.5. sq. mm-1 no.				

	B) Wire Size: Switch to Socket Point Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire - Black Color -1.5. sq. mm-1 no. Earth Wire - Green Color -1.0. sq. mm-1 no.				
	C) FRLS Wire: RR Kabel / Finolex / Lapp				
	D) Modular Switch: Legrand - Mylinc				
	E) PVC Conduit & Accessories Make: Polycab				
1.6	Two 5 Amp. 5 Pin Socket Outlet Controlled By One 5 Amp. At Other Convenient Location For RAW POWER. (Maximum 4 Nos. Of Boards In One UPS Circuit) :-	NOS	30	Rs. 600.00	Rs. 18,000.00
	A) Wire Size: UPS DB to Switch Board Circuit: Phase Wire - Red/Yellow/Blue Color -2.5. sq. mm-1 no. Neutral Wire - Black Color -2.5. sq. mm-1 no. Earth Wire - Green Color -1.5. sq. mm-1 no.				
	B) Wire Size: Switch to Socket Point Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire - Black Color -1.5. sq. mm-1 no. Earth Wire - Green Color -1.0. sq. mm-1 no.				
	C) FRLS Wire: RR Kabel / Finolex / Lapp				
	D) Modular Switch: Legrand - Mylinc				
	E) PVC Conduit & Accessories Make: Polycab				
1.7	One Buzzer Point Controlled By One Bell Push, With Electric Type Buzzer :-	NOS	2	Rs. 120.00	Rs. 240.00
	A) Wire Size: Switch to Buzzer Point Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire - Black Color -1.5. sq. mm-1 no. Earth Wire - Green Color -1.0. sq. mm-1 no.				
	B) FRLS Wire: RR Kabel / Finolex / Lapp				
	C) Modular Switch: Legrand - Mylinc				
	D) PVC Conduit & Accessories Make: Polycab				
1.8	One 15 Amp 6 Pin Socket Outlet Controlled By One 15 Amp. Switch With Indicator (For Router/Printer /Appliance etc.) (Separate And Independent Circuit Required) :-	NOS	5	Rs. 600.00	Rs. 3,000.00
	A) Wire Size: Lighting/Power DB to Switch Board Circuit: Phase Wire - Red/Yellow/Blue Color -2.5. sq. mm-1 no. Neutral Wire - Black Color -2.5. sq. mm-1 no. Earth Wire - Green Color -1.5. sq. mm-1 no.				
	B) FRLS Wire: RR Kabel / Finolex / Lapp				
	C) Modular Switch: Legrand - Mylinc				
	D) PVC Conduit & Accessories Make: Polycab				
1.9	One 20 Amp. 6 Pin Socket Outlet Controlled By One 20 Amp. Switch Or 20 Amp. SP MCB With Socket For A. C. Unit. (If Circuit Wire Connected Direct And Without Switch/Socket/MCB To Outdoor AC Unit- 50% Quoted Tender Rate Will Be Paid) :-	NOS	18	Rs. 1,200.00	Rs. 21,600.00
	A) Wire Size: AC/Power DB to AC Point Circuit: Phase Wire - Red/Yellow/Blue Color -4.0 sq. mm-1 no. Neutral Wire - Black Color -4.0 sq. mm-1 no. Earth Wire - Green Color -1.5. sq. mm-1 no.				
	B) FRLS Wire: RR Kabel / Finolex / Lapp				
	C) Modular Switch: Legrand - Mylinc				
	D) PVC Conduit & Accessories Make: Polycab				
	E) MCB & Accessories: Legrand				
1.10	One 5 Amp. Switch & Socket Controlled For CEILING Fan Point :-	NOS	10	Rs. 720.00	Rs. 7,200.00
	A) Wire Size: Light Point to Light Point Circuit: Phase Wire - Red/Yellow/Blue Color -1.5. sq. mm-1 no. Neutral Wire - Black Color -1.5. sq. mm-1 no. Earth Wire - Green Color -1.0. sq. mm-1 no.				
	B) FRLS Wire: RR Kabel / Finolex / Lapp				
	C) Modular Switch: Legrand - Mylinc				
	D) PVC Conduit & Accessories Make: Polycab				
	E) Hum free EME four or more step type electronic fan regulator: Legrand				
1.11	GLOWSIGN BOARD POINT :- 20 Amp power point for Glowsign board with L & T time switch & with 20 Amp. SP MCB with 4.0 sq. mm. with 2.5 sq. mm. earth wire single phase 3 wire. Including glow signboard timer.	NOS	2	Rs. 120.00	Rs. 240.00

2 CABLE AND CABLE TERMINATION (LABOR WORK)

	Laying PVC armoured cable of 1100 V grade of copper / conductor (as specified) of following sizes in ready made trench mounted on wall with necessary clamping arrangement or in prelaidd RCC hume pipe with necessary cable identification lugs at both ends, digging of trench and its filling with second call bricks, send. The cable shall ISI mark and conforming to latest ISS. All the cable shall be terminated with suitable sizes of Lugs.					
2.1	3C X 6 sq mm Copper Flexible cable (for UPS Input / Output) (4-4-2)	MTRS	40	Rs.	30.00	Rs. 1,200.00
	A) FRLS Wire : RR Kabel / Finolex / Lapp					
2.2	3.5C X 25 sq mm Aluminium armoured cable (Panel to DB)	MTRS	30	Rs.	120.00	Rs. 3,600.00
	A) Cable : RR Kabel / Finolex / Lapp					

3 EARTHING INCLUDING MATERIAL AND LABOR						
3.1	SITC Copper Chemical Earthing :- Supply, Installation, Connection, Testing and Commissioning of maintenance free heavy duty pure electrolytic copper chemical earthing electrode of 50 mm dia, wall thickness 16 guage and 3 meter length with internal strip of copper (25x6)mm along with 60 kg bag of Back fill compound (highly conductive, non corrosive moisture retaining chemical) complete with excavation , civil works including top 300 mm deep one brick thick masonry chamber with cast iron cover.. The voltage between Neutral and earth not to exceed 0 Volts and IR value less than 1 ohm. The earth resistance shall be as per IS 3043. Including copper strip 50x3mm	NOS	2	Rs.	14,850.00	Rs. 29,700.00

4 FIXTURES & FITTINGS (LABOR WORK)						
	Installation, testing and commissioning of the following luminaries, fixtures and fittings. The fixtures shall be installed on wall, false ceiling etc. and as per the manufacturer instructions. The job also includes the connection of the fixture with outlet point using 3 core flexible wire wherever the lighting fixtures are there. (Earthing of Light Fixture is must).					
4.1	10 W LED Down light (Make: WIPRO - ALUMINUM BODY)	NOS	130	Rs.	30.00	Rs. 3,900.00
4.2	Supply and installation 1 x 28 W LED T-5 Type Patti type : 4 /2 Feet Make : WIPRO.	NOS	10	Rs.	60.00	Rs. 600.00
4.3	Wall Fan 16" dia. Blade arrangement Make: HAVELL'S	NOS	15	Rs.	120.00	Rs. 1,800.00
4.4	CEILING Fan 48" dia. Blade arrangement Make: HAVELL'S (SS390)	NOS	10	Rs.	240.00	Rs. 2,400.00
4.5	12" DIA EXHUST FAN MAKE :- HAVELL'S	NOS	3	Rs.	240.00	Rs. 720.00
4.6	PADESTAL Fan 16" dia. Blade arrangement Make: HAVELL'S	NOS	4			
4.7	Supply and installation 1 x 18 W LED BULB : WIPRO.	NOS	10			
4.8	24 W LED, Lighting fixture panel suitable for 2'x2' (600mm X 600 mm) Grid/ Gypsum/ POP / Armstrong flase ceiling -- Should be clamp with hook in Ceiling. and should be connected to supply wire with PVC connector. Earthing connection with lugging need to given to body of Fixture. MAKE :- WIPRO.	NOS	30	Rs.	240.00	Rs. 7,200.00

5 Panel Board/Distribution Boards (LABOR WORK)						
5.1	Erecting complete with 14/ 16 SWG complete floor / wall mountain type with required compartment including meters & lamps with following materials	NOS	1	Rs.	12,000.00	Rs. 12,000.00
	A) S. F. U. (HRC type) 200 A TPN - 1 no.					
	B) 63 COS - 1 No. 63A FP MCB - 3 nos & 40 A DP MCB- 2 No.					
	C) Digital A meter V meter & F meter with selector switch R Y B LED Lamp with indicator and required cable glands etc					
	D) Switchgear & MCB Make: Legrand					
	E) AVF Meter Make: MECO / SELECT / Almeasure / TRINITY					
5.2	Installing, testing and commissioning of DB with following ; (for lighting Purpose)	NOS	1	Rs.	3,600.00	Rs. 3,600.00
	A) Incoming : 40 A FP EL + MCB - 3no.					
	B) Outgoing : 16/10/25 Amp. SP MCB - 30 nos.					
	C) MCB & DB Make:Legrand					
5.3	Installing, testing & commission of Distribution Board with following : (for A. C. units)	NOS	1	Rs.	3,600.00	Rs. 3,600.00
	A) Incoming : 63 A FP MCB - 2nos.					
	B) Outgoing : 25 A DP MCB - 18nos.					
	C) MCB & DB Make: Legrand					
5.4	Installing, testing & commission of distribution board with following : (for UPS units)	NOS	1	Rs.	3,600.00	Rs. 3,600.00
	A) Incoming : 40 A DP MCB-2no.					
	B) Outgoing : 10/16 A SP MCB - 18 nos.					
	C) MCB & DB Make: Legrand					

5.5	Installing, testing & commission of distribution board with following : (for UPS INPUT & OUTPUT)	NOS	1	Rs. 2,400.00	Rs. 2,400.00
	A) Incoming : 40 A DP MCB-1no.				
	B) Outgoing :- 40 A DP MCB-1no.				
	C) MCB & DB Make: Legrand				
5.6	Installing, testing & commission of distribution board with following : (for ROW POWER)	NOS	1	Rs. 2,400.00	Rs. 2,400.00
	A) Incoming : 40 A DP MCB-2no.				
	B) Outgoing : 10/16 A SP MCB - 15 nos				
	C) MCB & DB Make: Legrand				

6 Intercom Telephone:-					
6.1	Laying of 2 pair telephone wire ISI marked PVC Insulated 0.63m sq mm. Copper conductor wire same as clause No. 1 of internal wiring from EPBEX to the various tables as per the requirement complete with RJ - 11 type Tel. Socket. all respect as per the drawing an Architect or consultant.	NOS	30	Rs. 120.00	Rs. 3,600.00
	A) Tel. Wire Make: RR Kabel / Finolex / Lapp				
	B) Tel. Socket Make :Legrand				
6.2	Laying of 10 pair telephone wire ISI marked PVC Insulated 0.63m sq mm. Copper conductor wire same as clause No. 1 of internal wiring from BSNL DP to 10 pair Krone Box as per the requirement complete including with 10 Pair Krone Box all respect as per the drawing an Architect or consultant.	NOS	3	Rs. 120.00	Rs. 360.00
	A) Tel. Wire Make: RR Kabel / Finolex / Lapp				

7 Lan/Structure Cabling Work:-					
7.1	Laying of 4 PAIR UTP LAN cable - CAT-6 e in underground /wall in 1.5mm thick PVC pipe of 25mm dia with proper junction box for maintenance purpose from Rack/server room to each work station including supply and installation at CAT -6 e information outlet with fore plate and surface/concealed box.	NOS	40	Rs. 36.00	Rs. 1,440.00
	A) Data Cable & I/O Make: DIGILINK / D-LINK				
7.2	Testing at patch cord (CAT 6e) Length 1 Meter (CAT 6e) original factory made (Connect with Patch Panel to Network Switch in Rack)	NOS	40		
	A) CAT 6 Data Patch Cord Make: DIGILINK / D-LINK				
7.3	Length 2 Meter (CAT 6e) original factory made (Connect with I/O Point to Computer Networking Jack)	NOS	40		
	A) CAT 6 Data Patch Cord Make: DIGILINK / D-LINK				
7.4	Installation & testing of 9 U Network Rack with 1 fan & having one shelf in the rack with hardware etc. Rack Make: ELIXIER / APW / RITTAL / ALFA	NOS	1		
	A) Rack Make: ELIXIER / APW / RITTAL / ALFA				
7.5	Testing of 24 port patch panel CAT 6 Patch Panel. Make: DIGILINK / D-LINK / AMP / MOLEX	NOS	2		
	A) Make: DIGILINK / D-LINK				
7.6	Testing and connection of patch panel / switch / router and modem etc.	JOB	1	Rs. 4,800.00	Rs. 4,800.00

8 REMOVAL OF OLD WIRING					
8.1	Removing of old Wiring with required material and labour including stacking of serviceable material and disposal of unserviceable materials with all lead and lift.	JOB	1	Rs. 9,000.00	Rs. 9,000.00
8.2	Refitting of old/new wiring (usable material at the time of shiffing at new premises) with required material and labour including stacking of serviceable material and disposal of unserviceable materials with all lead and lift FOR TEMPORARY RUNNING BRANCH AT NEW PREMISES AS REQUIRED BY BANK.	JOB	1	Rs. 18,000.00	Rs. 18,000.00
				Rs.	Rs. 2,48,700.00
	TOTAL AMOUNT OF ELECTRIC WORK (LABOR WORK)		SAY	Rs.	Rs. 2,48,700.00

I/We _____ am/are willing to carry out the above work at _____ % above/below _____ percent (should be written in figures and words) of the estimated rate mention above estimated amount of my/ours tender work out as under.

ESTIMATED AMOUNT PUT TO TENDER		ESTIMATED AMOUNT PUT TO TENDER	
Rs. _____		Rs. _____	
Add _____ % above		Add _____ % below	
Rs. _____		Rs. _____	
Total Amount Rs. _____		Total Amount Rs. _____	
Rupees _____ only		Rupees _____ only	

SIGNATURE OF THE BIDDER