



**RENOVATION OF RAJGHAR BRANCH
BOQ for Electrical Installation Works**

Sl.No	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
1	Sub-main line:- Wiring in MS conduit of IS specification of Proper size with core PVC insulated stranded copper wire 11KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with supply ,installation, commissioning of all the materials required including proper termination, connection in complete as required from main DB to various DBs:-				
i)	with 3nos 4sq.mm (1ECC)	RM	120		
2	Supply ,installation ,testing and commissioning of distribution board manufactures made sheet steel enclosure With the following MCBs (DB, MCB and MCCB Make - Legrands/ Havells/L&T/SIEMENS or equivalent) and connecting the same to the system.				
i)	DB with 32A DP RCCB (for AC)	No.s	5		
ii)	VTPN Double Door Distribution Board with 125A 4 Pole MCCB (36kA) as incomer and 1 No. of 63A SP MCB , 5 nos. of 32 A SP MCB, 2 nos of 16A SP MCB at outgoing(for AC)	Set	1		
3	Supplying, installing and commissioning of PVC Armored cable complete with proper cable glands and two nos. of 8SWG GI wire (Havell's/Richa/RR kebel/KEI or equivalent) alongwith all the other materials required including proper connection in complete as required from main Panel, Power Distribution Board to various DBs .				
i)	With 3.5 core x 25 sq. mm cable	RM	40		
4	Maintenance Free Chemical Earth Stations: The items listed below shall be undertaken directly by Agencies providing Ashlock/ or True Power or, equivalent of approve Make Chemical earthing, The contractor shall provide the rates of getting the same executed by the agency. The representative of the agency shall measure and submit the test report of the earth directly to the branch and one copy to the Elect. Engr. along with their bill. The agency may also require to test and provide the test report of the earthing measurement if required to the branch and Elect. Engr. for monitoring upto a period of three years.				
i)	Supply and installation of pipe-in-pipe technology Ashlok Earthing / True Power system or equivalent of approve make Model T-19 with outer diameter of 50 mm, length 2000 mm embedded in the soil with masonry inspection pit with cover , which can be easily removed abd placed. complete in all respect. Earth pit installation test certificate to be submitted after measurement of earth resistance as per the provision in IS3043. (UPSs and Panel		2		

Sl.No	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
ii	Supplying and fixing 25x3 mm copper strip, insulated by heat pressurized heavy gauge PVC sleeve, duly jointed by full lap brazing and drawn underground in 40 mm class B GI pipe from the inspection pit to the inside of the branch premises.	RM	15		
iii)	Supplying and fixing 2X8 SWG dia copper earth wire in PVC conduit on surface or in recess for loop earthing from panel to DB	RM	20		
5	Supply, installation testing and commissioning of recessed mounted circular LED downlighter with 15W LED lamp. Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent.	Nos	30		
6	Supply, installation testing and commissioning of recessed type LED luminaire with complete PMMA Difuser with 35W LED lamp (size 2"X 2"). Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent	Nos	22		
7	Supply and installation of Wall Mounted fan 400 mm Metallic body and metallic Blade ,1400 rpm Havels FHWV3TFSLB18 or equivalent of crompton/bajaj/usha/orient make	No.s	7		
8	Supply and installation of Exhaust Fan 300 mm crompton/bajaj/usha/havell's make	No.s	1		
9	Supply and Installation of 5 meter roll 55W, IP20 flexible LED strip surface mounted along with required LED driver as back lightinh Havells or equivalent make.	Nos.	10		
10	Wiring for light/fan/exhaust fan points using 3 X 1.5 1.1 kV grade PVC insulated stranded copper conductor wire(Finolex/Havell's/Richa/RR kebel/KEI or equivalent) for phase, neutral and earth in 25 mm dia heavy duty MS conduit along with associated accessories like MS junction boxes, bends, saddles, screws et. concealed in wall, floor, under flooring, below false ceiling or on surface as well as suspended from ceiling with 25mm X 3 mm MS flat suspenders duly painted above false ceiling from individual light/Fan/Exhaust Fan point outlet. etc. to individual modular type switch boards, 10 Amp modular plate type switches etc.(MK/Legrand's/Havel's or equivalent), as required complete including circuit wiring with 3 X 2.5 sqmm. 1.1 kV grade PVC insulated stranded copper conductor wire and as per site requirement and as instructed by SBI Engineer.				
i)	one switch control one light/fan point	No.s	30		
ii)	one switch control two light/fan point	No.s	20		
iii)	6A MCB DB for wall fan and exhaust fan	No.s	8		
iv)	6A socket & switch at same board	No.s	6		
GST on work contract will be extra as applicable.				Grand Total	