

PRICE BID: SCHEDULE OF QUANTITY : ELECTRICAL & DATA CABLING WORK FOR BABAI BRANCH R-4

Sr.No	Description	Qnty	Unit	Rate	Amount
A)	ELECTRICAL INSTALLATION WORK				
1	Providing wiring for light/fan/ ex.fan point call bell point etc. with 1.5 sq mm cu wire in 16 SWG Black stove enameled M.S. Conduit & modular switch with 1.5 sq cu wire for phase, neutral & earth and concealed metal/PVC box, 3, Plate Ceiling rose/bulb holder. wiring from switch board to point switch box etc, complete as required				
A)	Providing & fixing of one light point controled by one switch	70	nos.		
B)	Providing & fixing of Two light point controled by one switch	4	nos.		
C)	Providing & fixing of fan point controled by one switch with 2 module Step type Fan regulator	12	nos.		
2	Providing & fixing 3 pin 5 amp socket with 6 A/10 A switch modular type on same board with cover plate steel sheet boxsurface/concealed manner	10	nos.		
3	Providing & fixing 3 pin 5 amp socket with 6 A/10A switch modular type on separate board with cover plate steel sheet box surface/concealed manner with 2x1.5sqmm cu. Wire for phase &neutral and Earth wire with 1.5 Sq.mm in & M.S. Conduit Near SB/ MCBDB etc. with circuit wiring For wall fan & counter table	12	nos.		
4	Providing & fixing 3 pin 10/20 A socket with 20 A switch modular with cover plate steel /pvc box surface /concealed manner with circuit wiring & wiring 2x2.5 + 1 x 1.5 mm copper wire & M.S. conduit etc.	12	nos.		
5	Supply installation of A.C./Geyser point with				
A)	Follwing item in surface/concealed manner				
	a. 32 A D.P.1 way switchwith neon,palte & box				
	b.20A& 10 A twin socket with plate& box including wiring 2 x 4.0 + 1 x 2.5 sqmm cu. Wire with M.S.conduit etc complete.(socket seperatly at near Indoor (of AC) and switch in working height.	7	nos.		
B)	Supply installation of wiring for three phase Cassette A.C.with starte.r wiring should be Not less than 4 x 4.0 sq mm armoured copper Cable,1100 v with M.S.Conduit etc complete.	3	Nos		
6	Supply & fixing of modular type switch socket with cover plate, m.s./pvc box on surface / conceale maneerincluding wiring including circuit wiring complete1 x1.5 sqmm Cu wire& pvc conduit etc. complete.				
	a. 2 nos.10 A switch + 3 nos. 10 A socket	22	nos.		
7	Supply & laying of Circuit wiring for light switch board				

	a. 4x 2.5+ 2x 1.5 sqmm Copper wire & M.S. Conduit clamp , screw etc. coplete.	130	Mtr.		
	b.2x 2.5+ 1x 1.5 sqmm Copper wire & M.S.conduit Clamp , screw etc. copmlete.	160	Mtr.		
8	Supply & fixing of "s" type fan hook in the ceiling by cutting/ chiesling replastering, painting etc. Including 60 cm fan rod etc.complete.	12	nos.		
9	Supply,laying , testing & commissioning of the telephone point with the following				
	a. Two pair 0.50 mm dia telephone cable tinned copper conductor pvc insulated & sheathed in PVC conduit with single jack telephone outlets with plate & box modular type.	13	Nos.		
10	Supply & fixing of telephone tag block with crone type conector suitable for 0.5/0.61mm dia cable conection etc.with locking arrange ment a. 20 pair tag block	1	nos.		
11	A. supply, installation, testing & commissioning of the surface/ recess mounting following Duble Door. suitable vertical MCCB DB's 415 V earthing bar etc.				
	a. 01 no. 125 Amp.10 KA TPMCB				
	b. TP MCB 63 A - 04 nos. LDB & PDB				
	c. TP MCB 63 Amp	1	set		
12	(PDB) A. supply, installation, testing & commissioning of the surface/ recess mounting following way (4+12) MCB Db,s 230/415 Volts on surface/concealed				
	a . TPN MCB DB 4 Ways -1 nos.				
	b. TPN MCB 63 A - 1 no.				
	c.SPMCB 10-20A -12 nos	1	set		
13	S.I.T.C. Of UPS INPUT MCB DB 63 A DP MCB . with encloser	2	set		
14	LDB & UPS DB (Out Going) DB : supply, installation, testing & commissioning of the surface/ recess mounting following way Double Dorr DB,s 230/415 Volts on surface/concealed				
	a . SPN MCB DB 8 Ways -1 nos.				
	b. SPN MCB 40/63 A - 1 no.				
	c.SP MCB 6-32 -06 nos	3	set		
15	LDB				
	C. supply, installation, testing & commissioning of the surface/ recess mounting following way MCB Db,s (4+12 way) 230/415 Volts on surface/concealed				
	a . SPN MCB DB 12 way (4+12) -1 nos.				
	b. TPN MCB 32/40 A - 1 no.				
	c.SPMCB 06A -12nos	1	set		
16	Supply & fixing of 100 A 4 pole changover switch	1	nos.		
17(A)	Provision of earth station with As per IS 3043 exavation of earth pit size 1000x1000x2500mm deep with following item .				
	a. 600x 600x 3.00 mm cu.plate				
	b. Supply & fixing of G.I. Pipe 2 mtr long				
	c.Charcoal -50 kg				
	d. Salt -15 kg. with making of chamber with . Cover	1	nos.		

(B)	Providing & fixing of copper / Strip as per specification complete burying in 15cm below ground copper strip 25x 3 mm.	8	mtr		
	b. supply & laying of 6 sqmm pvc insulated copper wire in pvc /m.s. conduit	80	mtr		
(C)	Supply , installtion , testing, commissining of maintenance free chemical earthing electrode 3 Mtr ,based mild steel tube one other (pipe-in -pipe) electrode with min 80-100 micron hot dip galvanized and filled inside with high conductive and anti compound powder back compound (BFC) -20 kg. earthing life fore 10	1	nos.		
18 A)	Supply, laying, installation & commissioning of following sizes pvc /xlpe insulated Al. conductor grade 660V/ 1100 V armored cable in surface/ in trench with shade etc. complete as. Rate is inclusive with two run of GI wire 8 SWG				
	a. 3.5 core x 120 sq mm Al. armored cable	0	mtr		
	a. 3.5 core x 70 sqmm cable power DB	45	mtr		
	b. 4.0 core x 16 sqmm cable for light & ups DB	20	mtr		
	d. 4.0 core x 10 sq mm copper cable	20	mtr		
B)	Cable end termination of following sizes of xlpe insulated Al. conductor including providing terminals lugs & glands etc. complete				
	a. for upto 50 sqmm	8	nos.		
TOTAL (A)					
19	LIGHT FITTINGS & FANS				
1	Supply & fixing of following size fitting surface/ Recess mounted decorative luminaire with extension of interconnection & extension of point etc. complete				
	a. 36/38 watts LED light fixture (2'x2' size full Panel ultra sliml) With driver voltage	36	nos.		
	b. 05 Watt LED Down lighter fixture (3000 K) for false ceiling	5	nos.		
	b. 15 Watt LED Down lighter fixture for false ceiling. Dia not less than 6 inch with acrylic cover	20	nos.		

	d. 1 x15/16/18 W Crompton LED smart slimline	12	nos.		
	e. 1 x7/8 W Crompton LED smart slimline	2	nos.		
	f. Suppy, linstallation ,testing & commissioning of LED Strips with Driver	15	Mtr.		
2	Suppy, linstallation ,testing & commissioning of following size ceiling fan with extension of down rod clamp etc. complete. Energy Saver 5 star Es-50/Eq	12	nos.		
3	supply, linstallation ,testing & commissioning of following size exhaust fan single phase standard pre lubricated double ball bearing dynamicaly copper wound etc. complete.				
	a. 300 mm sweep 900 rpm	2	nos.		
4	S/fixing of wall fan 400mm in size on wall with fixing material etc. complete .	4	nos.		
TOTAL (B)					
C.	DATA CABLING				
1	Supply & laying of Cat -6 LAN Cable with 1.6 mm thick pvc conduit etc. complete.	390	mtr		
2	Supply & fixing of CAT- 6 Information outlet with box	22	nos.		
3	Supply & fixing of factory made paitch cord 2 m	15	nos.		
4	Supply & fixing of factory made paitch cord 1 m	22	nos.		
5	supply & fixing of 24 port CAT-6 jack / paitch panel	1	nos.		
6	Supply & fixing of 24/16 port Lan Switch	1	nos.		
7	Supply & fixing of 8 port Lan Switch	1	nos.		
8	Supply & fixing of 6U rack	1	nos.		
9	Supply & fixing RJ-45 conector	14	nos.		
10	Call bell with point wiring	1	nos.		
11	100 A Cut-Out HRC fuse (not rewirable) 3 nos	1	set		
	Total				
A)	ELECTRICAL INSTALLTION WORK		+GST (As applicable)		
B)	LIGHT FITTINGS & FANS				
C)	DATA CABLING				
	TOTAL (A+B+C) Rs				
	(Rupees)			

Seal & Signature of Contractor