

PRICE BID : ELECTRICAL & AIR-CONDITIONING WORK FOR ADB JAORA BRANCH (RBO-6, RATLAM )					
(I)	ELECTRICAL INSTALLATION WORK				
Sr.No	Description	Qty	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	75	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 box surface/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 & PVC Conduit Near SB/ MCBDB etc. complete MCB DB complete. For wall fan & counter table	16	nos.		
4	Providing & fixing 3 pin 10/20 A socket with 20 A switch modular with cover plate steel box surface /concealed manner with circuit wiring 2x2.5 + 1 x 1.5 mm copper wir & MS Conduit etc.	18	nos.		
5	Supply installation of A.C./Geyser point with				
A)	Follwing item in surface/concealed manner				
	a. 32 A D.P.1 way switch with neon, palte & box				
	b. 20A & 10 A twin socket with plate & box including Circuit wiring 2 x 4.0 + 1 x 2.5 sqmm cu. Wire with MS.conduit etc complete.(socket seprately at near Indoor (of AC) and switch in working height.seperate circuit for each point is required	4	nos.		
B)	Supply installation of wiring for three phase Cassette A.C.with starter wiring & circuit wiring should be not less than 4 x 4.0 sq mm armoured copper Cable 1100 Volt with MS conduit etc complete.Seperate circuit for each AC point is required.	5	Nos		
6	Supply & fixing of modular type switch socket with cover plate, m.s./pvc box on surface / conceale maneer includinf with wiring including circuit wiring complete 1 x 1.5 sqmm Cu wire & pvc conduit etc. complete.				

	a. 2 nos.10 A switch + 3 nos. 10 A socket	35	nos.		
7	Supply & laying of Circuit wiring for light switch board				
	a. 4x 2.5+ 2x 1.5 sqmm Copper wire & MS conduit clamp , screw etc. complete.	170	Mtr.		
	b.2x 2.5+ 1x 1.5 sqmm Copper wire & MS conduit Clamp , screw etc. complete.	210	Mtr.		
8	Supply & fixing of "s" type fan hook in the ceiling by cutting/ chisling replastering, painting etc. Including 60 cm fan rod etc.complete.	14	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.	17	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. 20/40 pair tag block	1	nos.		
11	A. supply, installation, testing & commissioning of the surface/ recess mounting following Duble Door. 6 WAY vertical MCCB DB's 415 V earthing bar etc.				
	a. 01 no. 160 Amp.10 KA TPMCB				
	b. TP MCB 63 A - 04 nos. LDB & PDB				
	c. TP MCB 63 Amp	1	set		
12	PDB & LDB. 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	2	set		
13	S.I.T.C. Of UPS INPUT MCB DB 63 A DP MCB . with encloser	2	set		
14	UPS (Out Going) DB : upply, installation, testing & commissioning of the surface/ recess mounting following way Double Dorr DB,s 230 Volts on surface/concealed				
	a . SPN MCB DB 12 Ways -1 nos.				
	b. SPN MCB 40 A - 1 no.				
	c.SP MCB 6-32 -12 nos	1	set		
15	LDB				
	C. supply, installation, testing & commissioning of the surface/ recess mounting following way Single phase MCB DB 230 Volts on surface/concealed				
	a . SPN MCB DB 12 way -1 nos.				
	b. SPN MCB 32/40 A - 1 no.				
	c.SPMCB 06A -12nos	1	set		
16(a)	Supply & fixing o 1f 100 copper Bus Bar	1	nos.		
16(b)	Supply & fixing of 63 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 buring in 15cm below ground copper strip 25x 3 mm.	5	mtr		
	b. supply & laying of 6 sqmm pvc insulated cooper wire in pvc /m.s. conduit	40	mtr		
©	Supply , installtion , testing, commissining of maintenance free chemical earthing electrode, based mild steel tubs 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 years. The and 2000 mm length	2	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 50 sqmm cable power DB	50	mtr		
	b. 4.0 core x 16 sqmm cable for light & ups DB	20	mtr		
	d. 4.0 core x 10 sq mm <b>copper cable</b>	15	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.		
<b>TOTAL (A)</b>					
<b>19 (B)</b>	<b>LIGHT FITTINGS &amp; FANS</b>				
1	Supply & fixing of following size fitting surface/ Recess mounted decorative luminaire with extension of interconnection & extension of point etc				
	a. 36/38 watts LED light fixture ( 2'x2' size full Pannel ultra sliml) with driver voltage	22	nos.		
	b. 05 Watt LED Down lighter fixture (3000 K) for fase ceiling.	5	nos.		
	b. 15 Watt LED Down lighter fixture for fase ceiling. Dia not less than 6 inch with acrylic cover	12	nos.		
	d. 1 x15/16/18 W Crompton LED smart slimline	6	nos.		
	e. 1 x7/8 W Crompton LED smart slimline	2	nos.		
	f. Supply, linstallation ,testing & commissioning of LED Strips with Driver	20	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	110	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 with metal body & Fan	4	nos.		
<b>TOTAL (B)</b>					

<b>(C).</b>	<b>DATA CABLING</b>				
1	Supply & laying of Cat -6 LAN Cable with 1.6 mm thick pvc conduit etc. complete.	550	mtr		
2	Supply & fixing of CAT- 6 Information outlet with box	34	nos.		
3	Supply & fixing of factory made patch cord 1 m	20	nos.		
4	Supply & fixing of factory made patch cord 2m	25	nos.		
5	supply & fixing of 24 port CAT-6 jack / patch panel	2	nos.		
6	Supply & fixing of 24 port Lan Switch	2	nos.		
7	Supply & fixing of 8 port Lan Switch	0	nos.		
8	Supply & fixing of 9 U rack	1	nos.		
9	Supply & fixing RJ-45 conector	34	nos.		
10	Call bell with point wiring	1	nos.		
11	200 A Cut-Out HRC fuse (not rewirable) 3 nos	1	set		
	<b>Total (C)</b>				
	<b>(II) PRICE BID: AIR-CONDITIONING WORK FOR ADB JAOR ( RBO-6, RATLAM)</b>				
	<b>SCHEDULE OF QUANTITY</b>				
<b>S.No.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE (Rs.)</b>	<b>AMOUNT (Rs.)</b>
1	Supply of Tower Air-Conditioner comprising of cooling coil blower with multi speed motor, filters, insulated connection of refrigerant circuit suitable to operate from central remote control unit shall be detailed specification of the estimate documents 3 phase supply 2.0 Tr Tower type AC with card less remote controller and decorative grills, copper condensing unit. Make: Daikin/ Blue Star/Hitachi/Voltas only	Nos	4		
2	Supply of Split Air-Conditioning unit 3 star of the single Phase, 1.5 Tr capacity for mounting inside on wall/ false ceiling, each comprising of cooling coil blower with multi speed motor, filters, insulated connection of refrigerant circuit suitable to operate from central remote control unit shall be detailed specification of the estimate documents 1 phase supply 1.5 r Split C with card less remote controller and decorative grills, copper condensing unit Make: Daikin/ Blue Star/Hitachi/Voltas only	Nos	6		
3	<b>Installation, Testing, &amp; commissioning of Tower type AC:</b> Installation on Floor with all required Floor stand , interconnection refrigerant copper piping, valves support etc. Refrigerants pipes should be properly hanged with clamp & hangers.	Nos	4		

[illegible]