PROJECT: SANGAMNER BRANCH, DIST. AHAMEDNAGAR, BANK OF MAHARASHTRA CLIENT: BANK OF MAHARASHTRA SITE :SANGAMNER BRANCH

BOQ OF ELECTRICAL AND ACCESSORIES- details specification as per Bank décor annexure VI C will supesede to all .

Sr.No.	Particulars	Unit	Qty	Rate	Amount
	1. WIRING				
1	Supply & errection of point wiring of Light / Fan / Bell / Exuast Fan / Plug Socket 5A with 2-1.5 Sqmm copper stranded PVC wire 1.1 kV grade in P.V.C. Conduit concealed in wall / ceiling with accessories C. Rose & 5A Switch ALL including provision for invertor wiring and controls.				
а	Light Points(Primary Point).	NOS.	50		
b	Light Points(Secondary Point).	NOS.	15		
С	Ceilling Fan Points with Fan Step Regulator	NOS.	13		
d	Exuast Fan Points Plug Socket	NOS.	4		
е	W. Fan Points with socket	NOS.	6		
f	Bell Point with bell Push in lieu of 6A Switch with Ding dong bell	NOS.	3		
-	5 Pin Plug Socket 1 nos with 5A Switch 1nos pelts&metal box with 1.5 Sqmm PVC wire for Earthing for Token Indicator.(cash counter)	NOS.	6		
h	Half point 3 Pin Plug Socket with 5A Switch with 1.5 Sqmm PVC wire for Earthing on switch board for Light / Fan. bord	NOS.	12		
i	providing amd fixing Speaker	NOS.	6		
A	Internal sub men (Lighting & UPS Board Supply)				
2	Supply & Erection of mains wiring with 2-2.5 Sqmm Copper PVC Wire with 1-1.5 Sqmm Copper PVC Wire for Earthing concealed in PVC Conduit complete with accessories (for Lighting Switch Board& u p s supply switch bord)	MTRS	455		
3	Supply & Erection of mains wiring with 2-4 Sqmm Copper PVC Wire with 1- 2.5 Sqmm Copper PVC Wire for Earthing concealed in PVC Conduit complete with accessories (for General Power Point & A/C point)	MTRS	260		
4	Supply & Erection of mains wiring with 2-6 Sqmm Copper PVC Wire 1.1 kV grade with 1-2.5 Sqmm Copper PVC Wire for Earthing concealed in PVC Conduit complete with accessories (for UPS main I/c. supply to Provided D.P. MCB)	MTRS	85		
5	Supply & Erection of siren wiring with 2 core 14 x 36 PVC Flexible shielded tinned coated copper wire concealed in PVC Conduit complete with accessories for provided Instruments.(it is nessesory to take additionalf spcial approval of sirun consultant app	MTRS	100		
	Supply & Fitting of Modular type 3 Nos. of 5Pin Plug Socket & 1nos 16 AMP Switche for computer with 2Nos. of 5 Pin Plug Socket & 2 Nos. of 6A Switch mounted on modular plate and box with 1.5/2.5 Sqmm PVC wire for Earthing on separate board.(for ROW power tow board separates, 6 amp swithch and 6amp socket, 1.5 sqmm maion wire included) near computer board.	NOS.	21		
7	Supply & Erection of Modular type 20 A, with DP Pin Plug socket with 16A flush type modular tow pole switch with indicator & safety shutter erected PVC/M.S. Box fixed with brass screws.(A/C point)	NOS.	8		
	2. FITTINGS				

	CII DIA/ CII. CII LED Deumlischt fluich merunted				
8	6" DIA/ 6"x 6" LED,Downlight flush mounted .				
	TECHNICAL SPECIFICAITON: - * Housing should be made of white				
	powder coated CRCA Sheet * Lamp Type - Clear / Neutral White LED, *				
	Power Consumption - 15/ 18 W, * Wattage Of Single LED - 0.15 W to 0.25				
	W, * Number of LED - Depending Upon Total Power Consumption &				
	Illuminance, * Lamp Colour Temp - 4000 to 6000K, * Light Coverage - 100 $^\circ$				
	to 120°, * Iluminance - 90 to 150 Lux At A Vertical Height Of 7 Ft. * Rated				
	Lamp Life - Min. 50,000 Hrs * Visor - Acrylic / Prismatic Sheet, * Heat				
	Dissipation - Negligible.	NOS.	25		
9	LIGHT FIXTURE				
	S & I of lighting fixtures as per the details given below including				
	necessary hardware such as , clamps,nuts, bolts, nails, screws and				
	in position as directed by architect / Consultant.				
	600MM X 600MM LED light fixture 600mm X 600mm panel of white				
	powder coated CRCA Sheet Hsg. complete with all accessories as				
	per approved technical specification, site requirements &				
	instructions of the Bank / Architect / Consultant. *** TECHNICAL				
	SPECIFICAITON: - * Panel should be made of white powder				
	coated CRCA Sheet Hsg. * Lamp Type - Clear / Neutral White LED,				
	* Power Consumption - 32 W to 38 W, * Wattage Of Single				
	LED - 0.15 W to 0.25 W, * Number of LED - Depending Upon Total				
	Power Consumption & Illuminance, * Lamp Colour Temp - 4000 to				
	6000K, * Light Coverage - 100° to 120°, * Illuminance - 300 - 450 Lux,				
	* Rated Lamp Life - Min. 50,000 Hrs * Visor - Acrylic / Prismatic Sheet,				
		NOO	00		
	* Heat Dissipation - Negligible. (For Banking Hall).	NOS.	20		
10	Supply & erecting Bajaj wall fan with double bearing & with one condenser	NOS.			
	AC 230V 50cycles of 400mm (16") sweep complete with regulators on wall		6		
	etc.				
11	Supply & erecting Exuast fan Bajaj / Crompton make heavy duty 230V A.C.	NOS.			
	50 cycles, 225mm (9") 900RPM with Condenser & wihout regulators,				
	complete erected with flexible wire & necessary frame.		3		
12		Nos	4		
	4. COMPUTER & TELEPHONE WIRING SYSTEM				
13	Supply & erecting Telephone outlet socket modular type .	NOS.	14		
14	Supply & laying two pair telephone wires comprising of 4 core x 0.5 sq.mm				
	tinner copper conductors P.V.C. Insulated P.V.C. Sheathed laid in provided	MTRS	310		
	conduit / provided casing N capping.	MIK2			
15	providing & Erecting of Provided computer cable S.I.T.C of CAT-6 phinolex		= 0.0		
1		MTRS	500		
	brand in proveided Casing N Caping / conduit.	MTRS NOS.			
а	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter	NOS.	21		
a b	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont	NOS. NOS.	21 21		
a b c	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr.	NOS. NOS. NOS.	21 21 15		
a b c d	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr.	NOS. NOS. NOS. NOS.	21 21 15 15		
a b c d e	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr. Speeker Wire	NOS. NOS. NOS. NOS.	21 21 15 15 100		
a b c d e	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr. Speeker Wire 32mm	NOS. NOS. NOS. MTRS MTRS	21 21 15 15 100 100		
a b c d e f g	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr. Speeker Wire 32mm 25mm	NOS. NOS. NOS. MTRS MTRS MTRS	21 21 15 15 100 100 62		
a b c d e f g	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr. Speeker Wire 32mm 25mm 20mm	NOS. NOS. NOS. MTRS MTRS MTRS MTRS	21 21 15 15 100 100 62 180		
a b c d f g h 16	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr. Speeker Wire 32mm 25mm 20mm Supply & erection of 25mm Casing N Caping	NOS. NOS. NOS. MTRS MTRS MTRS MTRS MTRS	21 21 15 15 100 100 62 180 82		
a b c d f g h 16	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr. Speeker Wire 32mm 25mm 20mm Supply & erection of 25mm Casing N Caping 20 Pair corn with box	NOS. NOS. NOS. MTRS MTRS MTRS MTRS	21 21 15 15 100 100 62 180		
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a b c d e f g h 16 a)	brand in proveided Casing N Caping / conduit. Supply and termination of RJ 45 connecter IO Pont Patch code 1mtr. Patch code 2mtr. Speeker Wire 32mm 25mm 20mm Supply & erection of 25mm Casing N Caping 20 Pair corn with box 5. EARTHING Supply & erection of GI Earth Plate size 600 x 600 x 6mm buried in specially prepared earth pit 1.5 mtr. Below ground level with 40 kgs.	NOS. NOS. NOS. MTRS MTRS MTRS MTRS NOS.	21 21 15 15 100 100 62 180 82 1		
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Interstance MTR MTR 28 20 100 sqmm single core copper wire for copper earth MTR 100 MSEB load sanctioning & laision work .(excluding official receipt 1 job 1 23 PANELS 1 1 24 hyperstand 1 job 1 23 PANELS Supply ,installation ,testing and commissioning of cubicle type panel as specified and complete With :- 1 1 a) Tinned copper busbars b) Switchgear , wiring 1 1 1 c) 7 take pre - treatment , powder coated finish (Siement's white) 1 1 1 d) Earthing e) All MCCBs with rotary handles 1 1 1 Floor Panel consisting of : a) 1 no 100 A 4pole MCCB as incomer ,25 kA 1 1 1 1 b)2nos. 32 A TPN MCCBs 1 1 1 1 1 1 1 c4 h)sons 6 A to 16 A MCBs 1 1 1 1 1 1 d) 8 nos 6 A to 16 A MCBs 1 1 1 1 1 1 1 c4 h)supply and errection SPN 1	19 Making trench of suitable width & 0.7 mtr. deep with screen sand bed of 20cms thick to embed cable & bricks placed on both sides lengthwise & top width wise all over the run & refilling the excavated w/o stones & making	MTRS	30		
21 Inverter wiring 1.5 Sq.mm MTR 100 MSEB load sanctioning & laision work .(excluding official receipt 22 charges and deposits) 1 job 1 23 PANELS Supply ,installation ,testing and commissioning of cubicle type panel as specified and complete With :- 1 1 a) Tinned copper busbars b) Switchgear , wiring c) 7 take pre - treatment , powder coated finish (Siement's white) 1 1 a) Tinned copper busbars b) Switchgear , wiring c) 7 take pre - treatment , powder coated finish (Siement's white) 1 1 a) Thomed copper busbars b) Switchgear , wiring c) 7 take pre - treatment , powder coated finish (Siement's white) 1 1 a) 1 no 100 A 4pole MCCB as incomer ,25 kA b)Znos. 32 A TPN MCCBs c)2 no 6 to 32 A 2 pole MCB 1 1 b) 3 nos 6 A to 16 A MCBs 1 1 1 a) 1 no comdineed digital meter to read current etc .IME make (including lamps with fuses g) 1 no comdineed digital meter to read current etc .IME make (including UPS SUB-DB) 1 1 24 h.)supply and errection SPN 12 way DP 25 a incooming DP MCB and out going 10 a SP MCB use for UPS supply. 2 No. Electrical wiring for Fire alaram, smoke detector system with switches (if swithciches supplied by agency then that cost will be deducted from quoted rate) (Grid and specification will be as per r 25 NBC /(@ 3mtr X 3mtr grid)) 80.0 Rmt	the surface proper with 15 cms. cro	MTP	28		
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Electrical wiring for Fire alaram, smoke detector system with switches (if swithciches supplied by agency then that cost will be deducted from quoted rate) (Grid and specification will be as per r 25 NBC /(@ 3mtr X 3mtr grid))80.0Rmt26 Supply ,installation Of 9U rack Make D-link1.0No.					
switches (if swithciches supplied by agency then that cost will be deducted from quoted rate) (Grid and specification will be as per r 25 NBC /(@ 3mtr X 3mtr grid))80.0Rmt26 Supply ,installation Of 9U rack Make D-link1.0No.	and out going 10 a SP MCB use for UPS supply.	2	No.		
deducted from quoted rate) (Grid and specification will be as per r 80.0 Rmt 25 NBC /(@ 3mtr X 3mtr grid)) 1.0 No. 26 Supply ,installation Of 9U rack Make D-link 1.0 No.	Electrical wiring for Fire alaram, smoke detector system with				
deducted from quoted rate) (Grid and specification will be as per r 80.0 Rmt 25 NBC /(@ 3mtr X 3mtr grid)) 1.0 No. 26 Supply ,installation Of 9U rack Make D-link 1.0 No.	switches (if swithciches supplied by agency then that cost will be		_		
25 NBC /(@ 3mtr X 3mtr grid)) 26 Supply ,installation Of 9U rack Make D-link 1.0 No.		80.0	Rmt		
26 Supply ,installation Of 9U rack Make D-link 1.0 No.					
				+	
2/ UPS Chenged Over pannel for 20PS, I/P/O/P Nos. Nos.		1 0			
TOTAL	26 Supply ,installation Of 9U rack Make D-link		_		

Note: Rate Including GST Taxes.