

<b>Client: BANK OF MAHARASHTRA</b>					
<b>Project: Interior Work of Bank of Maharashtra, Pimpri Branch.</b>					
Sr.No.	Description	Qty.	Unit	Rate(Rs.)	Total Amount
1	<b>Light Point</b>				
	Providing and making point wiring work using 25 mm ISI make PVC, MMS conduit with standred accessories with 2 x 1.5 sq mm copper FRLS wire 1.1 kV. grade ISI mark complete with Anchor Roma make switch plate (concealed box if required )surface box under the false ceiling work.				
	<b>( all above points for fan, lights, Ex.fan,or Ceiling light points.)</b>				
A	One point control by one 6 A switch.	210	Nos.		
B	Two points control by one 6 A switch.	0	Nos.		
C	Three points control by one 6 A switch.	0	Nos.		
D	Four points control by one 6 A switch.	4	Nos.		
E	One point conltrl by two 6 A switch.	2	Nos.		
F	One bell point control by two 6 A. switch.	2	Nos.		
2	<b>Light Point/ with earthing</b>				
	Providing and making point wiring work using 25 mm PVC MMS conduit with standard accessories with 3 x 1.5 sq mm copper FRLS wire,1.1 kV grade ISI mark complete with Anchor Roma plug ( two & three pin ) and switch plate.( concealed box if required )surface box point for UPS & Raw plug.				
A	One plug and one switch, 6 A switch/ plug.	50	Nos.		
B	Two plug and two switch, 6 A switch/plug.	0	Nos.		
C	Three plug and three switch,6 A switch/plug. FOR WORK STATION	85	Nos.		
3	<b>Fan point</b>				
	Providing and making fan point work using 25mm ISI mark PVC, MMS conduit with standard accessories with 2 x 1.5 sq mm copper FRLS wire 1.1 kV grade with ceiling rose and Anchor Roma make switch and plate with Anchor Roma stepregulator ( cat. No. 21496 ) Dura EME 120/280 V				
A	One fan point control by one switch and step regulator.	15	Nos.		
B	Installation of Fan -only Labour	15	Nos.		
4	<b>D.B to Switch Board</b>				
	Providing and fixing of circuit mains DB to switch boards, using MMS conduits and 1.1 kV grade FRLS copper wire with both ends termination as per SLD or as per Engineer in charge.				
A	2x 2.5 sq mm + 1 x 1.5 sq mm FRLS green copper earth wires through conduits.	1670	Mtrs.		
B	2 x 4.0 sq mm + 1 x 1.5 sq mm FRLS green copper earth wire thro conduits.	1800	Mtrs.		
C	2 x 6.0 sq mm + 1 x 1.5 sq mm FRLS green copper earth wire thro conduits.	100	Mtrs.		
D	4 x 6.0 sq mm( four colour ) + 1 x 1.5 sq mm FRLS	62	Mtrs.		

E	2 x 10 .0 sq mm (two colour) + 1 x 1.5 sq mm FRLS green copper earth wire thro conduits.	15	Mtrs.		
F	2 x 10 sq mm green earth wire thro PVC conduit from UPS 'N' earthing from pit to UPS 'N' earth connection. (No. 1 for 'N' and one for 'N' of UPS plugs outgoing system earthing.	10	Mtrs.		
G	Speaker wiring point	10	Nos.		
H	8 watt philips makes speaker/w	10	Nos.		
5	<b>16A/20A Plug point/power points</b>				
A	Providing and making 16 A. / 20 A. plug point for Xerox water cooler, fridge point using 2 x 2.5 sq mm copper FRLS + 1 x 1.5 sq mm green earth wire thro MMS conduit with both end termination. ( wiring incorporated in circuit mains.) with Anchor Roma make 20 A & 10 A twin socket ( cat No.30828) with 20 A switch with neuron with module plate & surface box. ( if required concealed box.)	80	Nos.		
B	32 amp mcb with encloser with 4 x 2sqmm + 2.5x 2 sq.mm + 1.5 sq.mm wiring points.	10	Nos.		
6	<b>Supply &amp; testing Power Distribution boards.</b>				
A	SPN DB, 4 WAY Legrand make with 63amp 4pole mcb with installation & termination.	10	Nos.		
B	SPN DB, 8 WAY Legrand make with 63amp 4pole+ 16amp sp with installation & termination.	5	Nos.		
C	SPN DB, 12 WAY Legrand make Cat no - 601309	5	Nos.		
7	<b>Main Incoming Control Panel</b>				
	Supply and Installation of Main incoming control panel using 2mm thick CRCA sheet wall mounted , floor mounted cubical type powder coated front operated Panel with dust and vermiproof IP42 Protection , incorporated following with 200A Alu.Busbar.				
A	<b>INCOMER</b>				
I	160 Amp, 35 KA breaking L&T make, 4pole MCCB Drh -125		Nos.		
II	125 A, 4 Pole, On Load changeover switch, Havells HPCL/Make.		Nos.		
III	0 to 500 V voltmeter with selector switch 7 & 3A MCB control.		Nos.		
IV	R.Y.B Indicator lamp with load ON and supply ON and DG set On.		Nos.		
B	<b>OUTGOING</b>				
I	100 A ,35 KA (DU 100) L &T make with 20 x 3 mm Alu. Busbar with "N" link for central AC supply./ 2Nos.		Nos.		
II	63A, 4 Pole 10 KA Legrand make MCB for 3 UPS , TPN DB, Spare.		Nos.		
III	16 A ,SPMCB 3Nos. For Capacitor.-----1set	1Panel	Job		

<b>8</b>	Supply and making earthing station as per IS 0343 using 600 x 600 x 3.15 mm copper earthing plate with 2 nos. 25 x 3 mm copper strip with 3 Nos. each 8mm x 20 mm long SS nut bolts with stell washer for fixing including gigning upto 1.80Mtrs & refilling with charcoal, Salt & electrol powder with 12" x 12" PCC chamber with Cover for watering purpose 20mm GI pipe with holes, using 20/40 GI reduser as funnel all as per Drawing No.Earth 001For "N" earthing.				
A	Supply & making earthing station as per IS 0343 copper.	4	Nos.		
B	Same As above but Hot deep GI plate with 25 x 3 mm GI strip all as per specifications both testing reports.	2	Nos.		
B	Supply & laying of 25 x 3 mm copper strip from earth station to Panel & termination with SS nut bolts.	10	Mtrs.		
C	Supply & laying of 25 x 3 mm GI Strip from earth station to point of supply and termination with SSnut bolts.	10	Mtrs.		
<b>9</b>	<b>Main Incoming Control Panel</b>				
A	Supply and laying of Cat -6 cable from hub to each point of supply using D - Link / Finolex make Cat - 6 with both end crimping and terminations for the cable run thro 25/32 ISI make MMS conduits with required accessories and pull boxes with numbering to both ends.	2100	Mtrs.		
B	Supply and fixing of RJ 45 soocket outlet of D - Link make double type with surface or concealed box.	R.O	Nos		
C	Supply Installation testing of computer 24 port hub	R.O	Nos		
<b>10</b>	<b>Telephone Points</b>				
A	Supply and Installation of telephone point using Anchor Roma make Cat. No. 20846, telephone jack double with surface box and end termination.	75	Nos.		
B	Supply and laying of 2 pair telephone wire .5 sq mm Finolex / Delton make thro 20 mm PVC MMS conduit from EPABX to each point switch both end termination.	1300	Mtrs.		
C	10 Pair Telephone Wire	100	Mtrs.		
D	10 Pair Telephone Crone Box with Crone	4	Nos.		
E	Supply and Installation testing and comissioning EPABX model as per requirement and clint specification with battery back up.	1	Nos.		
F	Installation testing and commissioning of telephone instrument as per EPABX mode, and as per supplied by clients.	1	Nos.		
<b>11</b>	<b>Supply &amp; laying testing commissioning of 1.1 KV grade LT Alu Arm Cable ISI make.</b>				
A	Supply and laying of 120 x 4 al cable testing commissioning of 1.1 KV grade LT Alu Arm cable ISI make.	35	Mtrs.		
B	Flange type cable gland with Alu Lugs crimping	38	Nos.		
C	If any civil work required for wall, ground or tile cutting for above cable laying.	300	S.ft		
D	Supply & laying/fixing on wall with clamps & hardware for 25 sq mm,4 core,Alu.,Arm., ISI mark cable from main panel to AC unit.	100	Mtrs.		

<b>12</b>	<b>Supply &amp; Installation of 2' x 2' LED Panel of Philips / Wipro make with testing.</b>	200	Nos.		
<b>13</b>	Supply and Installation of 1 x 28 W LED Tube of Philips/Wipro for indirect & direct lighting.	25	Nos.		
<b>14</b>	<b>CCTV with DVR</b>				
A	Dome Camera Dahua Make 1/2.9" 2 MP CMOS, 3.6mm lens, 20mtr, DH-HAC-HDW1220RP.	10	Nos.		
B	Power Supply for Cameras SMPS 5AMP (Industrial Quality)	3	Nos.		
C	16 channel HD DVR 2 SATA VGA, HDMI,DAHUA MAKE, DH- XVR5216A (without Harddisk)	1	Job		
D	BNC Connectors & power connectors	30	Nos.		
E	Cable 3+1 finolex make	1	Rmts		
F	6 TB SATA Hard Disk	2	Nos.		
G	6 TB SATA Hard Disk Installation Charges	1	Nos.		
H	VGA cable 15 meter	1	Rmts		
<b>15</b>	<b>IP Camera with NVR</b>				
A	IP camera Dahua make HDW110Sp, IR ome ,25/30fps@1.3 M 3.6 mm.	10	Nos.		
B	NVR 16 channel with 1 SATA port Matrix Make 1601X	1	Nos.		
C	6 TB SATA Hard Disk	1	Nos.		
D	8 Port POE Switch 1gbps	2	Nos.		
E	Installation with RJ 45 connectors	1	Job		
<b>16</b>	<b>Networking</b>				
A	Dlink I/O	70	Nos.		
B	Dlink Face plate	70	Nos.		
C	Surface Box OEM	70	Nos.		
D	Dlink Cat 6 Cable 7 box of 305 Mts each	7	Nos.		
E	Patch Chords 1 Mtr	90	Nos.		
F	Patch Chords 2 Mtr	70	Nos.		
G	Installation of All Networking components including RACK, I/O boxes, Punching, Crimping, Patch Panels .	1	job		
H	Mseb Load enhansment Lisioginh charges for contractor to subment test report application followup with concern officer with mseb deposit & other receipt charges will be at actual as per rule & regulations.	1	job		
<b>16</b>	<b>Total Cost of the Project</b>				
	<b>Rs. In Words</b>				
<b>All Taxes Extra.</b>					

**Name, Sign & Seal of Contractor**