

**STATE BANK OF INDIA**  
**SCHEDULE OF WORKS : ELECTRICAL WORKS**  
**PROJECT : RACC MUZAFFARPUR**  
**UNDER RBO MUZAFFARPUR, A.O. MUZAFFARPUR**

SR.	ITEM DESCRIPTIONS	UNIT	QTY.	RATE	AMOUNT
1	<b>(A) UPS INCOMING DB:</b> Supply of all required materials and fixing of input UPS box (Company made) having provision of the following arrangement complete. Incoming: 1 No. 63A (25KA) TPN MCB Outgoing: 3 Nos. 63 A (10KA) DP MCB	NO.	1		
	<b>(B) UPS OUTGOING DB:</b> Supply of all required materials and fixing of output UPS box (Company made) having provision of the following arrangement complete. Incoming: 1 no. 63 A DP MCB Outgoing: 4 No. 40A (10KA) DP MCB	NO.	1		
2	Machine/Computer Raw Power/UPS/AC/ power point wiring as mentioned in rows below in MS conduit of IS specification of proper size with all material supply installation and commissioning complete from DB .The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc., or as cutting of tiles(with finishing) after fixing the MS conduit with all accessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing .All the opening shall be covered with blank plate and be sealed to make the box vermin proof.				
A	With 2 nos. 6 Sq.mm + 1 no. 2.5 Sq.mm. PVC insulated copper wire.	MTR.	20		
B	With 2 Nos. 4 Sq.mm. + 1 No. 2.5 Sq.mm. PVC insulated copper wire.	MTR.	84		
3	<b>(A) COMPUTER SOCKET OUTLET WITH WIRING</b> Computer socket outlet cluster point including supply and fixing of modular type socket outlet clusters components and its wiring from CDB, complete in all respect as detailed below. Each computer socket outlet cluster comprising the following 6 Nos. 6/10A 5 pin modular type International sockets 1 No. 16A modular type common controlling switch with indicator on table top with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. (green colour for earth) PVC insulated copper wire in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect from CDB to Computer point.	NO.	11		
	<b>(B) COMPUTER SOCKET OUTLET AND ITS WIRING</b> Computer socket outlet cluster point including supply and fixing of modular type socket outlet clusters components complete in all respect as detailed below. Each computer socket outlet cluster comprising the following 3 Nos. 6/10A 5 pin modular type International sockets 1 No. 16A modular type common controlling switch with indicator on table top with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. (green colour for earth) PVC insulated copper wire (1.1 KV grade FRLS/FR-LSH) in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect from CDB to Computer point. (proper colour code must be followed)	NO.	3		
	<b>C ) RAW POWER SOCKET OUTLET AND ITS WIRING</b> Raw power socket outlet cluster point including supply and fixing of modular type socket outlet clusters components AND WIRING 1100V grade, FRLS complete in all respect as detailed below. Each computer socket outlet cluster comprising the following 2 Nos. 16/20A 5 pin modular type International sockets. 1 No. 16/20A modular type controlling switch with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. (green colour for earth) PVC insulated copper wire in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect from RPDB to Raw Power Outlet. Proper colour code must be followed.	NO.	5		
4	Supply & fixing of Company made approved metal clad socket with 25A SP MCB / modular type 20A Socket & Top with indicator with 25A SP MCB.	NO.	3		

5	(a). <b>Copper plate Earthing:</b> Supply of material and installation of earth electrode made out of 50mm dia class B G.I. pipe of 2.5 metre long with arrangements for fitting./termination of copper wire with G.I. nut bolts, washers and 600x600x3 mm size copper plate including cost of charcoal salt and good quality soil, water pouring arrangements, brick masonry enclosure on top with removable CI cover and complete with labour for excavation of pit conforming of IS: 3043/1987 and as per direction of Engineer-in-charge.	NO.	1		
	(b) Supply of materials, laying under ground/walls/floor, making end termination and testing of 2x6 mm multistrand copper wire to be inside PVC. Conduit cables laid from Copper earthing pit to UPS Outgoing DB.	MTR.	50		
6	<b>POINT WIRING:</b> Point wiring with 1100 V grade 3 nos. single core 1.5 sq.mm. and 1 for common earth by looping method) PVC insulated stranded copper conductor wire (IS:694) through suitable size M.S. conduit (ISI marked embossed on conduit surface) by thred cutting, complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall from light & fan switch board to light, fan & 6A socket outlet on the same switch board or separately mounted switch board. The work includes supply and fixing of all materials such as modular type 6A switch for light and fan point, 6A 2/3 pin shuttered socket outlet with switch in each switch board, 3 plate ceiling rose / angle or batten holder etc. as required. The point wiring also includes circuit wiring with 1100 V grade 2 nos. single core 2.5 sq.mm. + 1 no. single core 1.5 sq.mm. PVC insulated stranded copper conductor cable (IS:694) through suitable size M.S. conduit as described above from DB to switch board, interconnection, mending good all damages to original finish, painting etc.				
A	1 Light control by 1 switch	NO.	50		
B	Glow sign board wiring	NO.	2		
C	Wall Fan wiring with 3 pin socket	NO.	10		
D	Exhaust fan point	NO.	3		
E	1x16A 2/3 pin modular socket with switch on separate switch board outside the Cash Room, Locker Room and Stationary Room complete with wiring.	NO.	4		
F	3 pin 6/10A modular socket with switch in each board	NO.	8		
7	Supply and fixing of ding-dong calling bell with complete wiring in BM's Chamber.	NO.	1		
8	Supply & Fixing of 36W-2'x2' LED Panel light recessed mounted of Syska / Phillips / Wipro / CG / HPL / Mescab / Century make complete with all accessories. Syska cat no. SSK-PAB-6060-B of lumens >3000.	NO.	5		
9	Supply & Fixing of 15W LED Downlighter recessed mounted of Syska / Phillips / Wipro / CG / HPL / Mescab / Century make complete with all accessories.	NO.	10		
10	Supply & fixing of 18W LED T5 Batten fitting Syska / Phillips / Wipro / CG / HPL complete with all respect.	NO.	5		
11	Supply & fixing 415V 63A (10KA) TPN MCB	NO.	4		
12	Supply & fixing of 9W LED bulb Syska / Phillips / Wipro / CG / HPL in UPS Toilets complete.	NO.	5		
13	Supply & fixing of wall fan 450mm, 3pin standard metal body complete with all respect. (Make: Polar, Orient, CG, Havells, Usha, Mascab)	NO.	10		
14	Supply & fixing of Exhaust fan complete with all respect. (Make: Polar, Orient, CG, Havells, Usha, Mascab)	NO.	3		
15	Supply of 2 mtr. Long E-CAT 6 PATCH CHORD (Make: D-LINK, AMP, HCL, Legrand, DIGISOL)	NO.	15		
16	Supply and laying of E-CAT 6 UTP cable for the Data Circuit through the PVC conduit, Rate to include for termination on both end or as directed by E-I-C. (MAKE- D-LINK, AMP, HCL, DIGISOL)	MTR.	300		

17	Supply and fixing of information outlet box suitable for RJ 45 terminals including mounting box (PVC) & top cover, to be fixed a concealed manner in partition by necessary bolts & nuts or as directed at site. (MAKE- D-LINK, AMP, HCL, DIGISOL)	NO.	15		
18	Supply and installation of 40 Amp. 240/250V Double Pole Change over switch Havells make on suitable size of iron clamp including connections etc. as required.	NO.	2		
RS.(Total in word):-				<b>TOTAL</b>	

**NOTE:-**

**\*All safety norms, I.S.Code, I.E.Rules must be followed. In case of any confusion please contact to the Bank's Engineer.**

**\* Rate are inclusive of transportation charge etc. but exclusive of GST.**