

STATE BANK OF INDIA					
ADMINISTRATIVE OFFICE, DHANBAD					
BILL OF QUANTITY OF ELECTRICAL WORKS OF AMCC HAZARIBAGH UNDER RBO HAZARIBAGH					
SI	Item Description	Unit	Qty.	Rate(Rs)	Amount(Rs)
1	Supplying, laying, testing & commissioning of PVC insulated aluminium armoured 1.1 KV grade 4 core 35 sqmm cable from <b>HZB Main Panel to CHANGE OVER</b> with making proper trench/support as per IS specification and complete with all respect as per the instruction of E-I-C.	Mtr.	10		
2	Supply & Installation of 100Amp 415V Onload Change over switch with enclosure (Make: L&T)	No.	1		
3	<b>UPS OUTGOING DB:</b> Supply of all required materials and fixing of output UPS box (Company made Double Door) having provision of the following arrangement complete with all respects per the direction of engineer in charge. <u>Incoming:</u> 1 no. 40A (10KA) DP MCB <u>Outgoing:</u> 3 No. 32A (10KA) DP MCB	No.	1		
4	<b>CDB / SECURITY DB/LDB :</b> Supply and installation of following metallic double door MCB Distribution Board with MCB having breaking capacity of 10 KA (minimum) complete with busbar, interconnection, painting, mounted on flat iron frame on wall/flushed with finished wall by chase cutting, mending good to original finish painting etc. as required. Name plate & number of DBs are to be fixed up on front door of DBs for their identification.				
a	<b>CDB :</b> Consumer unit SPN MCB DB (Double Door) complete with busbar and the following MCBs. <u>INCOMING :</u> 1 No. 32A (10KA) DP MCB <u>OUTGOING :</u> 10 Nos. 10A (10 KA) SP MCB	No.	1		
b	<b>SECURITY EQUIPMENT DB:</b> Consumer unit SPN MCB DB (Double Door) complete with busbar and the following MCBs. <u>INCOMING :</u> 1 No. 240V 32A (10KA) DP MCB <u>OUTGOING :</u> 6 Nos. 240V 16A (10 KA) SP MCB	No.	1		
c	<b>LDB:</b> Consumer unit SPN MCB DB (Double Door) complete with busbar and the following MCBs. <u>INCOMING :</u> 1 No. 240V 32A 10KA DP MCB <u>OUTGOING :</u> 6 Nos. 240V 10A 10 KA SP MCB	No.	1		
5	<b>SUBMAIN WIRING</b> Supply & laying of submain wiring with following sizes 1100 V grade, single core, PVC insulated multi stranded copper conductor wire (IS:694) in pre - laid (as per ISI) M.S. conduit including interconnection, painting etc. as required to be completed in all respect.				
a	With 2 nos. 6 Sq.mm + 1 no. 2.5 Sq.mm. PVC insulated copper wire from <b>UPS O/G DB to CDB/SDB.</b>	Mtr.	40		

b	With 2 Nos. 4 Sq.mm. + 1 No. 2.5 Sq.mm. PVC insulated copper wire from <b>ACDB to AC power point.</b>	Mtr.	40		
6	<b>(A) COMPUTER SOCKET OUTLET</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 <b>5 Nos. 6/10A 5 pin modular type approved sockets 1 No. 16A modular type common controlling switch with indicator</b> with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. 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.	10		
	<b>(B) COMPUTER SOCKET OUTLET</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 <b>3 Nos. 6/10A 5 pin modular type approved sockets 1 No. 16A modular type common controlling switch with indicator</b> with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. 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.	3		
	<b>(C) RAW POWER SOCKET OUTLET</b> Raw power 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 <b>2 Nos. 16/20A 5 pin modular type International sockets. 1 No. 16/20A modular type controlling switch</b> with 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. 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.	No.	3		
7	Supply & fixing of Company made approved <b>Modular type AC STARTER, SOCKET &amp; TOP with 32/25A SP MCB.</b>	No.	3		
8	<b>POINT WIRING:</b>				
A	1/2 Light control by 1 switch	Nos.	15		
B	Glow sign board light	Nos.	1		
C	UPS Light point	Nos.	2		
D	Wall Fan point wiring with <b>3 Pin</b> socket	No.	8		
9	Supply & Fixing of <b>36W-2'x2' LED Panel light</b> recessed mounted of Phillips / Wipro / CG / HPL / Mescab / Century / Halonix / Syska make of lumens >3000 complete with all accessories.	Nos.	10		

10	Supply & Fixing of <b>15W LED Downlighter</b> recessed mounted of Phillips / Wipro / CG / HPL / Mescab / Century / Halonix / Syska make complete with all accessories.	Nos.	6		
11	Supply & fixing of <b>18W LED T5 Batten fitting</b> Phillips / Wipro / CG / HPL / Halonix / Syska complete with all respect.	Nos.	2		
12	Supply & fixing of <b>400 MM METAL BLADE Wall fan</b> with 3 pin Top complete with all respect. (Make: Polar, Orient, CG, Havells, Usha,)	Nos.	8		
13	Supply and fixing of information outlet box suitable for 1 <b>nos. RJ 45</b> terminals including mounting box (PVC) & top cover, to be fixed a concealed manner in partition by necessary bolts & nuts with <b>Supply and laying of E-CAT 6 UTP cable</b> for the Data Circuit through the PVC conduit, Rate to include for termination on both end as directed at site. (MAKE- D-LINK, AMP, HCL, Legrand, DIGISOL)	Nos.	10		
14	Supply of 2 mtr. Long E-CAT 6 PATCH CHORD (Make: D-LINK, AMP, HCL, Legrand, DIGISOL)	Nos.	10		
15	Charges for making and submitting 1 set (2 nos.) of Laminated computerised neat & clean Electrical Single Line drawing showing Main Panel, DBs etc.	Set	1		
16	Charges for making and submitting 1 set (2 nos.) of Laminated computerised neat & clean LAN cabling drawing showing Modem Rack, I/O box location etc.	Set	1		
		<b>Total</b>			
	<b># GST EXTRA AS APPLICABLE</b>				