

**Bill of Quantity for Electrical & Computer wiring works for Shifting of
SMECC Jamshedpur to Jamshedpur Branch Premises**

S.No.	Item Description	Qty.	Rate	Amount
1	Removing and Reinstallation of Main Incoming Panel complete with all accessories from existing SMECC location to proposed location as per instruction of EIC, inclusive of dismantling, shifting/transportation charges.	1 Job		
2	<u>UPS DB / COMPUTER DB</u> 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	<u>UPS Incoming DB:</u> Consumer unit SPN MCB DB complete with busbar and the following MCBs. <u>INCOMING :</u> 1 No. 415V 63A 10KA 4P Isolator <u>OUTGOING :</u> 1 Nos. 415V 63A 10 KA TPN MCB. 2 Nos. 240V 63A 10KA SPN MCB.	1 No.		
b	<u>UPS Outgoing DB:</u> Consumer unit SPN MCB DB complete with busbar and the following MCBs. <u>INCOMING :</u> 1 No. 415V 63A 10KA DP MCB. <u>OUTGOING :</u> 4 Nos. 240V 32A 10KA DP MCB.	1 No.		
c	<u>CDB / LDB / RPDB :</u> Consumer unit SPN MCB DB complete with busbar and the following MCBs. <u>INCOMING :</u> 1 No. 415V 32A 10KA DP MCB <u>OUTGOING :</u> 10 Nos. 240V 10A - 16A 10 KA SP MCB.	4 No.		
3	<u>SUBMAIN WIRING</u> 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 4 nos. 10 Sq.mm + 1 no. 2.5 sq.mm PVC insulated copper wire from from main panel to UPS incoming DB.	20 Mtr.		
b	With 2 nos. 10 Sq.mm + 1 no. 2.5 sq.mm PVC insulated copper wire from from UPS to UPS outgoing DB.	10 Mtr.		
c	With 2 nos. 6 Sq.mm + 1 no. 2.5 Sq.mm. PVC insulated copper wire from UPS outgoing DB to CDB / Main panel to LDB / RPDB.	80 Mtr.		
d	With 2 Nos. 4 Sq.mm. + 1 No. 2.5 Sq.mm. PVC insulated copper wire from Main Panel to AGM Chamber, Server room AC power point.	30 Mtr.		
e	With 2 Nos. 2.5 Sq.mm. + 1 x 1.5 Sq.mm. PVC insulated copper wire.	25 Mtr.		
4	Removing & Reinstallation of Computer socket outlet cluster point fixed at work station. 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.	32 No.		

6	POINT WIRING Point wiring with 1100 V grade 3 nos. single core 1.5 sq.mm. PVC insulated stranded copper conductor wire (IS:694) through suitable size M.S. conduit (ISI marked embossed on conduit surface) by thered 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, 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. as required to be completed in all respect.			
a	1 Light control by 1 switch	2 no.		
b	2 Light control by 1 switch	2 no.		
c	Exhaust fan point	2 no.		
8	Removing & Fixing of 2'x2' recessed mounted light from RBO to new location complete with all respect.	20 no.		
9	Removing & fixing of Wall fan complete with all respect.	10 no.		
10	Removing & fixing of Exhaust fan complete with all respect.	2 No.		
11	Removing & Reinstallation of AC metal clad socket	2 No.		
12	Removing of wiring including conduit pipes, lights fittings, DBs, all electrical switchgear items etc. complete in existing SMECC for vacation of the premises	1 Job		
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, Legrand)	32 no.		
18	Supply and laying of E-CAT 6 UTP cable for the Data Circuit through the PVC conduit, Rate to include for termination on either end or as directed by E-I-C.	1000		

	(MAKE- D-LINK, AMP, HCL)	Mtr.		
19	Removing and Reinstallation of Modem Rack along with Switch complete with all accessories from existing SMECC location to proposed location as per instruction of EIC.	1Job		

- **GST applicable as per Govt. Rule.**
- **The rate quoted shall be firm and shall include all costs, allowances, Charges, levies, Royalties, Cess, transportation etc. but excluding GST as applicable which will be reimbursed by the Bank as per Government norms prevailing from time to time. The rate should include all shifting and transportation charges as required as per site requirement.**
All dismantling/disconnecting and shifting of equipments from old location to proposed location in scope of vendor in scope of vendor. No extra charges to be paid for it. The vendor is advised to complete the work with co-ordination with other agencies working on the project. The vendor should visit the site before quoting.

Measurement sheet for the work done, load calculation sheet. THE CONTRACTOR SHOULD SUBMIT THE BUILTUP SLD, SLD OF DIFFERENT DBS TO DIFFERENT SWITCHBOARDS WITH NUMBERING, SLD OF DATARACK TO DIFFERENT I/O POINTS WITH NUMBERING, TELE. KRONE BOX TO DIFFERENT TELE. POINTS WITH NUMBERING, ETC. AFTER EXECUTION OF THE BRANCH. – 2 SETS OF COPIES – 1 WITH LAMINATION. All work to be carried without hampering banking operations. Dismantling wherever required in scope of vendor.

Work completion certificate including required dismantling work if any will be provided by the branch manager.

All cable and wire terminations must be proper with suitable lugging. There must not be any loose wiring/ cabling

RECOMMENDED MANUFACTURERS			
S.N	ITEM	DETAILS	MANUFACTURER
1	CONDUIT	MS	BEC/ NIC/ AKG/ BHARAT/ JINDAL
2		PVC RIGID	BEC/ AKG/ PRECISION
3		GI FLEXIBLE	BEC/ NIC/ AKG
4		GALVANISED STEEL	BEC/ NIC/ AKG
5		PVC CASING CAPING	PRECISION/ PRESTO-PLUS/ CLASSIC/ MODI
6	CABLES & WIRES	11KV AL	NICCO/RR/POLYCAB/UNIVERSAL/MESCAB
7		1100V PVC/ XLPE INSULATED	MESCAB/ POLYCAB/ FINOLEX/ L&T
8		PVC INSULATED CU	MESCAB/ POLYCAB/ FINOLEX/ L&T
9		TELEPHONE	FINOLEX/ DELTON/ BONTON
10	PROTECTIVE DEVICE	TPN & SPN SFU WITH HRC FUSES	L&T/ SCHNEIDER/ ABB/ GE/SEIMENS
11		DISTRIBUTION BOARDS/MCCB/ MCB/ MCB DB/ RCBO/ RCCB/ ACB/ ELCB	L&T/ SIEMENS/ ABB/ GE/SCHNEIDER/LEGRAND
12		CHANGE-OVER-SWITCH	L&T/HPL /SOCOME/ABB
13		CT	L&T/ KAYCEE/ KUPPA/ SIEMENS
14	SWITCHES & SOCKETS	6A/16A SWITCHES, SOCKET, TELE/LAN SOCKET, ELECTRONIC REGULATOR/ DIMMER	NORTH-WEST/ LEGRAND/SCHNEIDER/MK./ROMA
15		ON/ OFF SELECTOR SWITCHES	SIEMENS/ L&T/ KAYCEE/ CROMPTON/ GEC
16		METAL CLAD SOCKET & PLUG	SIEMENS/ L&T/LEGRAND
17	BELL	BUZZER/CALL BELL	BAJAJ/ ANCHOR/ SSK
18	INSTRUMENT	INDICATING/ MEASURING	AE/ IMP/ L&T/ GE/ TELEMECANIQUE/ PROK
19	KITKAT		GECO/ ANCHOR
20	LIGHT FIXTURES		PHILIPS/CG/ GE/SYSKA/HAVELLS
21	LED FIXTURES		PHILIPS/ CG/ GE/SYSKA/HAVELLS
22	CAPACITORS		L&T/ CROMPTON
23	APFC PANEL		L&T/ SCHNEIDER/ SIEMENS
24	CEILING/ WALL FAN		CROMPTON/ BAJAJ/HAVELLS
25	CABLE GLAND		HMI/ BRACO/ COMET
26	CABLE LUGS		DOWELL/ 3D
27	HRC FUSES/ BASE		AE/ IMP/ MECO/ ENERCON
28	RELAYS		KAPPA/ IMP/ AE/ KALPA
29	EXHAUST FAN		CROMPTON/ BAJAJ/ALSTOM/ALMONARD
30	BUS BAR TAPPING BOX		SIEMENS/ SCHNEIDER/ ABB
31	OTHERS		ISI/ IS
		Important: Please Tick (/) the make of materials considered in the Tender	