



Estimate for Electrical works of MODERNIZATION & Renovation at GROUND- floor Gaya Branch with Electrical Main Panel of Building

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
1	MAIN INCOMING SOURCE PANEL (MISP) : Supply, installation, testing and commissioning of main incoming (MIP) Panel suitable for wall /floor mounted indoor type, air insulated, totally enclosed vermin-proof , dead front, cubicle type, 2 mm thick sheet steel enclosure use on 415 V, 3 Ph., 4 wire, 50 Hz. A.C. system, instrumental panel, CTs, incoming and outgoing cable compartment. The Panel shall be complete in all respect as per site requirement, interconnection, G.I. earth busbar of adequate size covering the total length of switch board with drilled holes, G.I. bolts, nuts, washers etc. as directed by E-I-C. The cubicle should be painted with two coats of light grey synthetic enamel paint over two coats of zinc chromate primer. The complete fabrication, construction shall be done as per the site condition and conforming to the relevant IS. Approval of Manufacturer's drawings from E-I-C.				
	The Panel consists of the following (ABB/L&T/LEGRAND/SEIMENS) INCOMING : INCOMING : 1 No. : 415V,125A 4P MCCB (36 KA) for Mains,(lcs=lcu=100%) 1 No. : Digital Multi Function Meter (MFM) for Current, Voltage, Frequency, Power. 3 Nos.: LED Phase indicating lamps, 3 Nos.: Suitable CTS(200/5) PVC sleeved TPN Tinned Copper Busbar 35mm x 6mm for phases and neutral. G.I. EARTH BUSBAR - 25mm x 3mm covering the total length of panel. OUTGOING : 1 No 63A 4P MCCB(25KA) for Raw Power VTPN , 2 NO 40A DP RCBO(300mA), 1 Nos 63A 4P RCBO(300mA), 2 Nos 40A TPN MCB Spare	SET	1		
2	Sub-main line:- Wiring flame retardant FRLS/FRLSH 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, and below of false ceiling by chiseling the existing surface and plastering the same with cement etc., or as cutting of tiles(with finishing), as per site conditions after fixing the MS conduit with all accessories like saddles screws, bends T-joint etc. (MAKE- POLYCAB/KEI/FINOLEX/HAVELLS)				
i)	With 2 nos. 6 Sq.mm + 1 no. 6 Sq.mm. (green colour for earth) PVC insulated copper wire in MS conduit for LDB/RPDB/CDB etc or as per site requirement.	RM	350		
ii)	With 4 nos. 10 Sq.mm + 1 no. 6 Sq.mm. (green colour for earth) PVC insulated copper wire in MS conduit	RM	25		
iii)	With 2 nos. 10 Sq.mm + 1 no. 6 Sq.mm. (green colour for earth) PVC insulated copper wire in MS conduit from 10 KVA UPS to UPS DB or as per site requirement and connecting the existing UPS DB at G-floor.	RM	25		
iv)	With 2 nos. 4 Sq.mm + 1 no. 2.5 Sq.mm. (green colour for earth) PVC insulated copper wire in MS conduit or as per site requirement.	RM	60		
v)	With 2 nos. 2.5 Sq.mm + 1 no. 1.5 Sq.mm. (green colour for earth) PVC insulated copper wire in MS conduit as per site requirement.	RM	50		
v)	With 2 nos. 1.5 Sq.mm + 1 no. 1.5 Sq.mm. (green colour for earth) PVC insulated copper wire in MS conduit as per site requirement.	RM	120		
vi)	With 4 nos. 6 Sq.mm + 1 no. 6 Sq.mm. (green colour for earth) PVC insulated copper wire in MS conduit or as per site requirement.	RM	50		

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
3	SITC of following VTPN MCCB Distribution Board (HVAC DB), having vertical fishbone busbar type, factory assembled wall mounted, sheet metal fabricated, fully powder coated, having dust proof & vermin proof hinged door with all internals such as DIN channels, neutral link, internal wiring complete with double earthing lugs including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, etc. housing following switchgears. (Schneider / ABB/ Legrand / Siemens / L&T make)				
i)	Incoming:1 no 415V ,4P,63A MCCB,25/36KA rating(L&T/ABB/SIEMENS) outgoing:-12 nos 40A SP MCB(10KA), FOR RPDB/LDB etc	No.s	1		
4	RAW POWER DB/ LIGHT DB / COMPUTER DB 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	CDB : Consumer unit SPN MCB DB complete with busbar and the following MCBs. INCOMING : 1 No. 240V 40A (10KA) DP RCBO OUTGOING : 8 Nos. 240V 10A (10 KA) SP MCB	No.	3		
b	LDB : Consumer unit SPN MCB DB complete with busbar and the following MCBs. INCOMING : 1 No. 415V 40A (10KA) DP MCB OUTGOING : 8 Nos. 240V 10A (10 KA) SP MCB	No.	3		
c	UPS Essential DB for CCTV, Fire Alarm Etc: Consumer unit SPN MCB DB complete with busbar and the following MCBs. INCOMING : 1 No. 240V 40A (10KA) DP RCBO OUTGOING : 6 Nos. 240V 10A (10 KA) SP MCB	No.	1		
d	RPDB :Consumer unit SPN MCB DB complete with busbar and the following MCBs. INCOMING : 1 No. 415V 40A (10KA) DP MCB OUTGOING : 8 Nos. 240V 10A-16A (10 KA) SP MCB	No.	3		
e	DB FOR AC INDOOR UNITS : 1 NO 32A DP RCBO(300mA): OUTGOING : 12 Nos. 240V 6A (10 KA) SP MCB	No.	1		
f	SITC of Double Door DB with 40A 4POLE(300mA) RCBO complete in all respects as per direction of Architect/E-I-C.	No.	1		
5	(A) UPS INCOMING DB: Supply of all required materials and fixing of input UPS box (Company made) having provision of the following arrangement complete with all respects per the direction of engineer in charge. 1 No. 63A (10KA) TPN MCB	No.	1		
6	B) UPS OUTGOING DB for UPS : Supply of all required materials and fixing of output UPS box (Company made) having provision of the following arrangement complete with all respects as per the direction of engineer in charge. Incoming: 1 no. 63 A DP MCB Outgoing: 5 No. 40A (10KA) DP MCB		1		
7	DB with 25 A DP RCCB (30mA to 100 mA), AC Socket & Top for AC complete in all respect	No.s	4		
	POWER CABLES				
8	SUPPLY, LAYING, LUGGING, DRESSING, GLANDING, FINISHING, TESTING AND COMMISSIONING OF POWER CABLE: Following 1.1KV grade fire resistant A2XFY XLPE armored aluminium conductor cable with one no. 10 SWG GI wire, laying of the cable partly on wall/column including supply and fixing with 300mm apart MS clamps/galvanized bar saddles and double compression type brass cable gland Dowel make along with rubber rings for dust and moisture proof entry of the cable and finishing the ends by crimping method. (POLYCAB/FINOLEX/NICCO/UNIVERSAL)				
8.1	SITC of 3.5CX 50 SQMM cable incoming cable	Mtr	50		
8.2	SITC of 3.5CX 35 SQMM cable incoming cable for Raw Power VTPN	Mtr	60		
10	SUPPLY, LAYING, LUGGING, DRESSING, GLANDING, FINISHING, TESTING AND COMMISSIONING OF FOLLOWING COPPER(cu conductor, 4core XLPE insulated armoured cable) POWER CABLE				
10.1	SITC of 4CX 06 SQMM cable for VRF Outdoor unit	Mtr	75		
11	COMPUTER SOCKET WITH WIRING				

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
	<p>(A) COMPUTER SOCKET OUTLET WITH WIRING</p> <p>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</p> <p>5 Nos. 6/16A 5 pin modular type International sockets</p> <p>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.FRLS (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.</p>	No.	14		
	<p>(B) COMPUTER SOCKET OUTLET AND ITS WIRING</p> <p>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</p> <p>3 Nos. 6/16A 5 pin modular type International sockets</p> <p>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. 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)</p>	No.	4		
	<p>C) UPS/ RAW POWER SOCKET OUTLET AND ITS WIRING</p> <p>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</p> <p>2 Nos. 6A/16A 5 pin modular type International sockets.</p> <p>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.</p>	No.	16		
	<p>D) UPS / RAW POWER SOCKET OUTLET AND ITS WIRING</p> <p>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</p> <p>1 Nos. 6A/16A 5 pin modular type International sockets with indicator</p> <p>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.</p>	No.	5		
12.	<p>SITC of OBO Betterman make earthing system – * - UL Listed Earth Electrode - Copper bonded low carbon steel electrode, coating 250 microns</p> <ul style="list-style-type: none"> - Tested as per IEC 62561-2 - Meets the requirement of IS 3043 and IEC 60364-5-54 - Tested for short circuit withstanding capacity - High tensile strength <p>In one set it should include:</p> <p>a) One nos of Earthing rod-Type 17 3000 CCER, Length – 3000 mm Outer Dia – 17.2 mm Copper bonded low carbon steel Electrode WITH 250 microns copper bonded</p> <p>b) One bag (25 KG) Earth Enhancement Compound confirming to IEC 62561-7</p> <p>c) One nos of universal clamp .The work shall also include required masonry work, CI cover plate & Earthing name plate. The vendor shall also submit the earth test report with required values. Pics of earthing to be shown.</p>	No.	1		

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
12	SITC of Earth distribution Box (Bus Bar Station) to be installed in the branch near Main Panel and UPS, comprising of a bus bar of 3x25x180mm cu strip	SET	2		
13	Supply and laying of 8 SWG Cu cotton coated wire in 20mm dia rigid PVC conduit for earthing From the existing earth pit to the Main panel/UPS	Mtr.	50		
14	<p>POINT WIRING AND CIRCUIT WIRING</p> <p>Point wiring with FRLS 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 FRLS 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.</p>				

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
a	light points	No.	135		
b	UPS light point	No.	6		
c	Glow sign board wiring	No.	1		
d	Exhaust fan point	No.	5		
e	Ceiling fan point with supply and fixing of Electronic Regulator as required as per site conditions.	No.	13		
f	1x16A 2/3 pin modular socket with switch on separate switch board outside the Cash Room complete with wiring. Suitable Top to be provided for supply to Cash Room. /RECORD ROOM/STATIONERY ROOM/locker	No.	3		
h	Wall fan point with socket	No.	20		
i	3 pin 6/10A modular socket with switch in board	No.	8		
16	Supply and fixing of ding-dong calling bell with complete wiring in BM's Chamber as per direction of E-I-C	No.	1		
15	MAIN TPN SFU: Supply, installation, testing and commissioning (SITC) of following TPN SFU with HRC fuses in sheet steel enclosure with cable end-box on MS Angle Frame/ MS Legs/ wall with interconnection, painting and finishing.				
	1 25A TPN SFU with HRC fuses	No.	1		
	PART B-SUPPLY AND FITTING OF ELECTRICAL FITTINGS				

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
16	Supply & Fixing of 36W-2'x2' LED Panel light recessed mounted make(PHILIPS/HAVELLS/WIPRO/CROMPTON) complete with all accessories.	No.	20		
17	Supply & Fixing of 12W/15W LED Downlighter recessed mounted of make complete with all accessories	No.	40		
18	Supply & fixing of 20W/22W LED T5 Batten fitting complete with all respect.	No.	25		
19	Supply & Fixing of 18 W LED Downlighter Surface mounted of make complete with all accessories	No.	10		
20	SITC of LED 5W/7W Spot light with driver cut out size 46mm size fixture recessed type ROUND COB in gypsum / wooden ceiling cove with all interconnection and fixing arrangements as Required. WARM COLOUR OR MODEL AS PER INSTRUCTED BY BANK ARCHITECT/ ENGINEER (PHILIPS/HAVELLS/WIPRO)	No.	20		
21	Supply & Installation of single color (warm white / any other approved color) flexible LED strip light for cove including required rated driver / power supply, consisting multiples of 72 LED /1 Rmtr as approved along with all necessary hardware & accessories, etc. Complete in all respect. MAKE PHILIPS OR HAVELLS OR WIPRO and model as approved by Architect/E-I-C.(lumens>=500lm/mtr) Product dimensions (mm)=5000x08x0.3(5mtr)	Rmt	60		
PROVIDING AND FIXING SPOT LIGHT IN FRONT OF LOBBY					
22	Supply & fixing of 10 W drum shape track light black/white fixed in track model no 31445 philips make as per approved by Architect/E-I-C.	No.	5		
23	Supply and fitting track 1.0 mts black/white philips make or equivalent or as per approved by Architect/E-I-C.	Rmt	10.353		
24	Supply & fixing of 450mm sweep, oscillating type, wall mounting, multi speed wall fan metal blades three pin complete with all respect as per direction of Bank/E-I-C.	No.	13		
25	SITC of 1200MM ceiling fan	No.	10		
26	SITC of 9" dia 230V,1400 rpm exhaust fan as in toilets, ups room, toilets etc.	No.	5		
PART C- LAN CABLING WORK					
27	Supply of 1 mtr. Long E-CAT 6 PATCH CHORD (Make: D-LINK, AMP, HCL, Legrand)	No.	28		
28	Supply of 2 mtr. Long E-CAT 6 PATCH CHORD (Make: D-LINK, AMP, HCL, Legrand)	No.	14		
29	INTERNET SOCKET: SITC of modular RJ-45 (D-LINK)internet sockets with suitable mounting box (modular type) including all inter-connections as required with front plate D link or equivalent make approved by the bank connections etc as required all complete job as per the standard specification and direction of the bank .	No.	28		
30	Supply & installation of 9U Rack(D-LINK) with power supply arrangement, ventilation fan, mounting racks ect. Complete with all accessories.	No.	1		
31	SITC OF 24 PORT PATCH PANEL complete in all respect as per direction of Architect/E-I-C.	No.	1		
32	DATA CABLING: Supply ,laying and wiring of CAT6 DATA(D-LINK) cable wiring in recessed surface/ recessed PVC conduit pipe connection etc as required all complete job as per the standard specification and direction of the Architect/E-I-C.	MTR	1200		
33	Charges for making and submitting neat and clean computerised Electrical Drawing of the Branch indicating SLD of the Branch, indicating DB, switch boards, etc along with proper numbering and indicating power flow and laminating the same.	SET	1		
34	Charges for making and submitting neat and clean computerised lan WIRING Drawing of the Branch indicating Data Rack , lan wiring to different I/O boxes etc along with proper numbering and laminating the same..	SET	1		
35	Dismantling of Existing wiring, Distribution Boards, Panels in G-floor Branch Area complete in all respects as per direction of Architect/E-I-C.	JOB	1		

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
	ELECTRICAL MAIN PANEL				
1	<p>MAIN INCOMING SOURCE PANEL (MISP) : Supply, installation, testing and commissioning of main incoming (MIP) Panel suitable for wall /floor mounted indoor type, air insulated, totally enclosed vermin-proof (IP 42), dead front, cubicle type, 2 mm thick sheet steel enclosure use on 415 V, 3 Ph., 4 wire, 50 Hz. A.C. system, instrumental panel, CTs, incoming and outgoing cable compartment. The Panel shall be complete with switches as per site requirement, interconnection, G.I. earth busbar of adequate size covering the total length of switch board with drilled holes, G.I. bolts, nuts, washers etc. as directed by E-I-C. The cubicle should be painted with two coats of light grey synthetic enamel paint over two coats of zinc chromate primer. The complete fabrication, construction shall be done as per the site condition and conforming to the relevant IS. Name plate of Panels Danger Board, incoming and outgoing feeders with Ampere rating of switches are to be fixed up on front door above or below the respective switches. Approval of Manufacturer's drawings from E-I-C.</p>				
	<p>The Panel consists of the following (L&T/LEGRAND/ABB/SEIMENS) INCOMING : 1 No. : 415V,630 A 4P MCCB (50 KA) with over voltage protection , overload and short circuit adj protection , for Main Line , 1 No. : 415V, 400 A 4P On-Load Changeover Switch 2 No. : Digital Multi Function Meter (MFM) 6 Nos.: LED Phase indicating lamps. 6 Nos.: Suitable CTS(400/5) (2 set Bus Bar System) PVC sleeved TPN Tinned suitable Copper Busbar 2 sets 50 mmx06mm) G.I. EARTH BUSBAR 25mm x 3mm covering the total length of panel. OUTGOING : Termination I: (To be connected with Change over) 1 No: 100A 4P MCCB (36 KA) for UPS panel , 1 No.160A 4P MCCB for G-floor, 1 No 200A 4P MCCB for 1st floor, 1 No 200A 4P MCCB for 2nd floor, 1 No 160A 4P MCCB for 4th floor,3 Nos 63 A 4P MCCB for ATMs/E-Corner, 1 No 63A 4P MCCB(36 KA) for lift , 1 NO 40 A TPN MCB FOR PUMP , 2 No 63 A DP MCB for Guard Room , Glow sign Board supply etc, 2 NO 63A TPN MCB SPARE Termination-II: (Not to be connected with Change over) 1 No. : 415V, 160 A 4P MCCB (36 KA) with overload and short circuit adj protection , for RBO power supply, 1 NO 125A 4P MCCB SPARE, 1 no 250A 4P MCCB SPARE</p>	SET	1		
2	<p>Providing and fixing M.V danger notice plate of 200mmx150mm made of mild steel at least 2mm thick, vitreous enameled white on both side and with inscription in single red colour on front side in excluding cubical panel as required.</p>	Each	1		
	<p>SUPPLY, LAYING, LUGGING, DRESSING, GLANDING, FINISHING, TESTING AND COMMISSIONING OF POWER CABLE: Following 1.1KV grade A2XFY XLPE armored aluminium conductor cable finishing the ends by crimping method.(Transformer to Breaker and Panel) (POLYCAB/FINOLEX/NICCO/UNIVERSAL)</p>				
(I)	SITC of 3.5CX 400 SQMM cable (Transformer to Breaker and Panel)	MTR	60		
(II)	SITC of 3.5CX 150 SQMM cable	Mtr.	40		
(III)	SITC of 3.5CX 35 SQMM cable incoming cable	Mtr	50		
(IV)	SITC of 3.5CX 25 SQMM cable incoming cable	Mtr	150		

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
3	Copper bonded Rod Earthing. SITC of OBO Betterman/JK/JEF eco safe/ make earthing system – * - UL Listed Earth Electrode - Copper bonded low carbon steel electrode, coating 250 microns - Tested as per IEC 62561-2 - Meets the requirement of IS 3043 and In one set it should include: a) One nos of Earthing rod-Type 17 3000 CCER, Length – 3000 mm Outer Dia – 17.2 mm Copper bonded low carbon steel Electrode WITH 250 microns copper bonded b) One bag (10 KG) Earth Enhancement Compound confirming to IEC 62561-7 c) One nos of universal clamp . Product Certificate of company must be provided. Earth Test Report to be submitted.(for Main Panel at Electrical Room)	NO	2		
4	Supply and laying of 8 SWG Cu cotton coated wire in 20mm dia rigid PVC conduit for earthing From the existing earth pit to the Main panel/UPS	Mtr.	50		
5	Dismatling of Existing Main Electrical Panel, other changeover switches, or distribution Boards, cables, wiring etc in the G-floor Electrical room complete in all respects as per direction of Architect/ E-I-C.	JOB	1		
6	Labour charges for Termination of Existing Electrical power cables of Lift, 2nd Floor,3rd floor, 4th floor ,ATM/Ecorner etc in the New Electrical Main Panel along with dressing of power cables in tray or as required, complete in all respect as per direction of Architect/E-I-C. THE VENDOR MUST IDENTIFY THE WIRES AND CABLES PROPERLY AND ENSURE PROPER TERMINATION OF THE CABLES)	JOB	1		
7	Double pole MCB DB in sheet steel enclosure with Incoming: 1 no. 40A DPMCB, Outgoing: 8 Nos 10-25A SPN MCB complete with for glow sign board and Street Light, Guard room power supply. (L&T/ABB/LEGRAND/SEIMENS)	No.	1		
	PASSAGE SIDE SMALL ATM ROOM				
1	(a) TPN DB for ATM: Consumer unit TPN MCB DB complete with busbar and the following MCBs. INCOMING : 1 No. 415V 40A 10KA FP MCB OUTGOING : 2 Nos. 240V 32A/25A 10 KA SP MCB for AC, 2 No 6A/10A MCB for Light points, 1 nos 32 A MCB for UPS	No.	1		
2	SITC of metal clad socket MCB for AC point with controlling 32 A DP MCB with industrial top complete in all respects in suitable enclosure.	No.	2		
3	C) UPS/ RAW POWER SOCKET OUTLET AND ITS WIRING 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. 6A/16A 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.	4		

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
4	POINT WIRING AND CIRCUIT WIRING Point wiring with FRLS 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 FRLS 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.	10		
B	Glow sign board wiring	No.	1		
C	Wall fan point	No.	1		
D	UPS light point	No.	1		
	PART B-SUPPLY AND FITTING OF ELECTRICAL FITTINGS				
5	Supply & Fixing of 36W-2'x2' LED Panel light recessed mounted of Syska / Phillips / Wipro / CG make complete with all accessories.	No.	4		
6	SITC of LED 5W/6w light & fixture recessed type ROUND DOWNLIGHTER with all interconnection and fixing arrangements as Required.	No.	3		
7	SITC of warm white led tube light 18 watt	No.	2		
8	Supply & fixing of 450mm sweep, oscillating type, wall mounting, multi speed wall fan metal blades three pin complete with all respect as per direction of Bank/E-I-C.	No.	1		
9	Supply and fixing of 8 swg copper cotton coated wire in pvc pipe as laying required as per site requirement with all accessories	Mtr	60		
10	UPS DB: Supply of all required materials and fixing of output UPS box (Company made) having provision of the following arrangement complete with all respects per the direction of engineer in charge. Incoming: 1 no. 25 A DP MCB Outgoing: 2 No. 10A/16A (10KA) DP MCB	No.	1		
11	INTERNET SOCKET WITH DATA CABLE:: SITC of modular RJ-45 internet sockets with suitable mounting box (modular type) including all inter-connections as required with front plate D link or equivalent make approved by the bank connections etc as required .	No.	2		
12	DATA CABLING: Supply and wiring of CAT6 DATA cable wiring in recessed surface/ recessed PVC conduit pipe connection etc as required all complete job as per the standard specification and direction of the bank.	MTR	80		

Sl.No.	Description	UOM	Qty.	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
13	SITC of Earth distribution Box (Bus Bar Station) to be installed in the branch near Main Panel and UPS, comprising of a bus bar of 3x25x180mm cu strip	SET	1		
14	Supply & Installation of 20A, timer switch with 2 no.s of 20A DP MCB's alongwith suitable size enclosure box for switching of A.C.'s, etc. a	SET	1		
15	UPS INPUT:- Incoming 3 PIN (2P+1E) industrial type socket with matching plug and MCB:- 20/32Amp UPS OUTPUT:- Incoming 3 PIN (2P+1E) industrial type socket with matching plug and MCB:- -20/32 Amp DP 1No. Make- (Legrand/L&T/Schneider)	SET	2		
16	Wiring With FRLS 2 nos. 4 Sq.mm + 1 no. 2.5 Sq.mm. (green colour for earth) PVC insulated copper wire in ms conduit for split Ac wiring.	Mtr	30		
		Grand Total (in Rs)			
	GST on work contract will be extra as applicable.	Grand Total (in Rs)			
NOTE:	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. Contractor's are advised to visit the site before quoting. The quantities are tentative may increase or decrease as per site requirement.				
RECOMMENDED MANUFACTURERS					
Cables- (POLYCAB/FINOLEX/NICCO/UNIVERSAL)					
WIRES – (POLYCAB/KEI/FINOLEX/HAVELLS)					
DB/MCCB/MCB/RCBO/ELCB- LEGRAND/ABB/L&T/SEIMENS					
CHANGE-OVER-SWITCH – HPL /SOCOME/ABB/L&T					
SWITCHES/SOCKETS/REGULATOR- LEGRAND(MYRIUS)/NORTHWEST(STYLUS)/ABB(TVISHA)/HAVELLS(CRABTREE)					
METAL CLAD SOCKET & PLUG- L&T/LEGRAND/ABB/C&S					
MEASURING INSTRUMENTS- AE/ IMP/ L&T/ GE/ TELEMECANIQUE/ PROK/EQUIVALENT					
LED LIGHTS – PHILIPS/HAVELLS/CROMPTON/WIPRO					