

ESTIMATE FOR ELECTRICAL & ALLIED WORKS FOR STATE BANK OF INDIA BKC BRANCH					
S.N.	PARTICULARS	QTY	UNIT	RATE	AMOUNT (Rs.)
<b>A</b>	<b>MAIN LT PANEL / DB'S</b>				
1	Supply and installation of 10-way, SPN, Double Door, Metal type, with Plain / Transperant Door (As approved by client / consultant / architect), UPS Power Distribution Board (UPS PDB), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)				
a	1 no., 32/40A, DP MCB as incomer				
b	8 nos, 10/16/20A, SP, MCB's as outgoing				
	Full Set as above	1	Nos	6,500.00	6,500.00
2	Supply & Installation of 20/16A, DP MCB, box with 20A, metal clad / modular plug-socket including power circuit of (2x4 + 1x2.5) sq. mm FRLS copper flexible wires directly taken from the relevant DB through PVC conduits for room A/C including all necessary hardware & accessories, etc. (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)	1	Nos	3,500.00	3,500.00
3	Supply & Installation of 15A modular plug-socket of approved make including power circuit of (2x4+ 1x2.5) sq. mm FRLS copper flexible wires directly taken from the relevant DB through PVC conduits for termination of strong room/at top of entrance of Branch/main electrical power supply into 15A modular plug socket mounted / installed for the sign board alongwith flexible cable laid through flexible metal/PVC conduit for connection into the sign board / DB including all necessary hardware & accessories, etc. (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)	3	Nos	4,500.00	13,500.00
	<b>TOTAL of SECTION (A)</b>			<b>Rs.</b>	<b>23,500.00</b>
<b>B</b>	<b>CABELS / MAINS</b>				
1	Supply & Installation of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed conforming to IS: 1554, laid on wall / ceiling using GI clamps & spacers as per route shown at site and further as directed by Consultant at site in the following sizes :- (Make - Polycab / Finolex / CCI / RR.)				
	<u>NOTE</u> :- All Armoured cables shall be provided with temporary labelling at every 5mtrs & then finally with metal identification tags showing the size & the location from/to the respective Panel / DB, at both the ends.				
1.1	3C x 2.5 Sq.mm Copper Armoured cable with 1 runs of 12 SWG GI bare wire(Main Electrical LT Panel to Signage supply input)	75	Mtrs	130.00	9,750.00
1.2	3C x 2.4 Sq.mm Copper flexible lead wire through flexible PVC conduits	270	Mtrs	250.00	67,500.00
	<b>TOTAL of SECTION (B)</b>			<b>Rs.</b>	<b>77,250.00</b>
<b>C</b>	<b>INTERNAL LIGHTING &amp; POWER WIRING</b>				
1	Supply & Installation of concealed / resessed / surface light point / fan point / call bell point wiring using 600V <b>FRLS</b> grade 3R (P+N+E) x 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling including 3R (P+N+E) x 2.5 Sq.mm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and approved make modular type switch plate, switches, MS concealed back box, etc. as required & as approved by the consultant. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.) <u>(The item rate shall include Lighting / Raw / UPS Power Circuit wiring from relevent DB to the switch board with 3Rx2.5 Sq.mm FRLS wires &amp; from switch board to next switch board OR to the first light point / primary point / full point)</u>				

S.N.	PARTICULARS	QTY	UNIT	RATE	AMOUNT (Rs.)
1.1	Primary light points including the cost of 5A switch	58	Nos	750.00	43,500.00
1.2	Secondary light points looped from the above point	39	Nos	400.00	15,600.00
1.3	Three point control by one switch	13	Nos	1,300.00	16,900.00
1.4	Bell point comprising of wiring as mentioned above including Remote/ Electronic Call bell (as approved by client / consultant), Bell push & Bell indicator.	2	Nos	1,000.00	2,000.00
1.5	5A plug point as primary point with 2x2.5 & 1x1.5 sq.mm circuit independent mounted on wall / partition / on work station, etc. (UPS / RAW Power) (Only three workstations / independent mounted raw power points shall be looped in one raw power circuit. Whereas in measurements out of five workstations / independent mounted, two no.s of 5A s/s raw points will be considered as secondary points & 1 no. of 5A s/s raw point will be considered as primary point.)	12	Nos	950.00	11,400.00
1.6	Secondary 5A Plug point with wiring on switch board or looped from above 5A primary point (UPS / RAW Power) (Only three workstations / independent mounted raw power points shall be looped in one raw power circuit. Whereas in measurements out of three workstations / independent mounted, two no.s of 5A s/s raw points will be considered as secondary points & 1 no. of 5A s/s raw point will be considered as primary point.)	6	Nos	650.00	3,900.00
1.7	Exhaust fan point consisting of 5A socket near fan and switch on light switch board	1	Nos	900.00	900.00
2	Supply & installation of 15A Plug Point directly taken from DB for Pantry / geyser / zerox / printer / fridge, etc. including 3 x 2.5 sqmm <b>FRLS</b> grade circuit wires directly taken from the relevant DB and also including 2.5 sqmm green color copper earth wire all laid through PVC conduit with all necessary hardware & accessories, etc. (UPS / Raw Power)	4	Nos	1,850.00	7,400.00
3	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X2.5 Sqmm <b>FRLS</b> grade copper conductor PVC sheathed white/black color flexible cable pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. <b>Each point consisting of 4 nos of 5A , 2/3 pin sockets below table top &amp; 1 No., 15A Switch above table top, wired together forming one point.</b> The earth wire of 3 core flexible cable to be of yellow-green color only. (ONLY Three tables served by one circuit from DB)	2	Nos	1,900.00	3,800.00
4	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X2.5 Sqmm <b>FRLS</b> grade copper conductor PVC sheathed white/black color flexible cable pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. <b>Each point consisting of 3 nos of 5A , 2/3 pin sockets below table top &amp; 1 No., 15A Switch above table top, wired together forming one point.</b> The earth wire of 3 core flexible cable to be of yellow-green color only. (ONLY Three tables served by one circuit from DB)	5	Nos	1,850.00	9,250.00
5	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X2.5 Sqmm <b>FRLS</b> grade copper conductor PVC sheathed white/black color flexible cable pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. <b>Each point consisting of 2 nos of 5A , 2/3 pin sockets &amp; 1 No., 15A Switch , wired together forming one point.</b> The earth wire of 3 core flexible cable to be of yellow-green color only. (ONLY Three tables served by one circuit from DB)	2	Nos	1,600.00	3,200.00
	<b>TOTAL of SECTION (C)</b>			<b>Rs.</b>	<b>117,850.00</b>
<b>D</b>	<b>FLOOR TRENCH BOXES / CABLE TRAYS</b>				

S.N.	PARTICULARS	QTY	UNIT	RATE	AMOUNT (Rs.)
1	Supply and laying Raceways / Conduits (for under floor trenches / On trays) on existing flooring. Raceways / conduits shall be fixed to the flooring with GI clamps for finished levels as per the site conditions or through partitions with all accessories. The rate shall include preparation of trenches of required sizes by carefully removing the malwa on existing floor for laying Raceways/conduits for power, data, telephone cables etc. The depth of the trenches shall be at least 2 inches from the finished floor level or upto RCC of the slab. The rate shall include the cost of the Raceways/conduits. The rate shall also include the activity of clearing the debris generated from the preparation of trenches & filling the same with PCC. (FOR THE PORTION WITHOUT FALSE FLOORING)				
1.1	25 mm heavy guage PVC conduit to be laid concealed / surface in / on wall / floor as required as per the above mentioned specifications	40	Mtrs	60.00	2,400.00
	<b>TOTAL of SECTION (D)</b>			<b>Rs.</b>	<b>2,400.00</b>
<b>E</b>	<b>LIGHTING FIXTURES</b>				
	Supply & Installation of lighting fixtures with lamps as per the details below including necessary hardware such as clamps, nuts, bolts, nails, screws and suspension rods as required for fixing the fixtures in position as directed by architect / consultant / client.				
	Note :- All Light Fixtures shall be approved by the Client / Architect / Consultant before placing order to the Light Fixture Vendor / Supplier. All Light Fixtures shall be of Philips / CG / GE / Bajaj/ Wipro make only unless & otherwise other makes are specified. Client / Architect / Consultant reserves right to approve / select final Light Fixtures from any make as required.				
1	<b>LED Type Light fixture suitable for Modular Ceiling</b>				
1.1	Supply & Installation of <b>(28/30/36W) (2' X 2') LED Mirror optic Light fixture</b> . The fitting shall be surface mounted / to be hanged from the ceiling at the height approved by architect. (PHILIPS Cat No. :- RC380B 29W or equivalent category & model in Bajaj / CGL / GE/ Wipro make as approved by client / architect / consultant.)	12	Nos	2,850.00	34,200.00
2	<b>LED Type Light fixture suitable for Modular Ceiling / Plain Ceiling</b>				
2.1	Supply & Installation of <b>(15/18 W) LED Spotlight flush mounted Light fixture</b> . (PHILIPS Cat No. :- DN193 LED 12S or equivalent category & model in Bajaj / CGL / GE/Wipro make as approved by client / architect / consultant.)	124	Nos	950.00	117,800.00
2.2	Supply & Installation of <b>(10/12 W) LED Spotlight flush mounted Light fixture</b> . (PHILIPS Cat No. :- Ultima DN 092 or equivalent category & model in Bajaj / CGL / GE make as approved by client / architect / consultant.)	6	Nos	800.00	4,800.00
3	<b>Cove / Indirect Lighting &amp; Other Area Lighting</b>				
3.1	Supply & Installation of single color (warm white 2800k light / any other approved color) <b>flexible LED strip light</b> including required rated driver / power supply in multiples of 1 Rmtr as approved by the architect / consultant / client along with all necessary hardware & accessories, etc. complete as required (PHILIPS / CGL / GE / Bajaj/ Wipro make as approved by client / architect / consultant).	360	Rmt	350.00	126,000.00
3.2	S & I of <b>(20/22W) (4') LED Tubelight</b> . (Philips Cat No. - BN021 LED 20S or equivalent model in CG / GE / Bajaj make)	6	Nos	550.00	3,300.00
3.3	Supply , Installation, Testing and Commissioning of approved make Recessed type Linear LED 36W Light Fitting and having -appro. Length 1180 mm xHeight 50 X Width 65 mm LED fitting, system lumen output >= 3100 lumens, light color 4500K, recessed type, inbuilt-constant current driver having p.f.>0.95, THD 70, CCT of 3000k, CCI driver, all complete with accessories, as required & as per directions & approval of consultant.	10	Rmt	550.00	5,500.00
3.4	S & I of approved make <b>Ceiling Fan (4'dia / 1200 mm dia)</b> (BEE 5 star rated) (Colour :- White / Brown / Ivory as approved by client / architect / consultant) alongwith all required hardware & accessories, etc. ( CROMPTONS,GEC,USHA, BAJAJ )	4	Nos	1,900.00	7,600.00

S.N.	PARTICULARS	QTY	UNIT	RATE	AMOUNT (Rs.)
3.5	S.I.T.C. of <b>decorative led Wall light</b> alongwith required hardware & accessories, etc. as approved by Architech / Consultant / Client, (Basic cost: Rs. 5,000/-)	6	Nos	6,000.00	36,000.00
3.6	Supply & Installation of single color (warm white 2800k light / any other approved color) <b>flexible LED profile light</b> including required rated driver / power supply in multiples of 1 Rmtr as approved by the architect / consultant / client along with all necessary hardware & accessories, etc. complete as required (PHILIPS or equivalent category in CGL / GE / Bajaj/ Wipro make as approved by client / architect / consultant).	5	Rmt	500.00	2,500.00
<b>TOTAL of SECTION (E)</b>				<b>Rs.</b>	<b>337,700.00</b>
<b>F MUSIC CUM PUBLIC ADDRESS SYSTEM</b>					
1	Supply, Installation, Testing, Commisioning of of 6" dia music speakers to be flushed mounted on false ceiling similar to BOSCH / approved equivalent make. All speakers to be equipped with matching transformer for direct connection to 100v output line	7	Nos	1000.00	7,000.00
2	Supply, Installation, Testing, Commisioning of volume control - cum - ON - OFF switch flush mounted on wall along with other electrical switches .The size and plate of the regulating knob should match with other switches nearby.	2	Nos	800.00	1,600.00
3	Arranging for trenching temporary power supply and lighting for all the contractor at site including the required number of tubelight fittings, sufficient number of plug points with plug tops with wiring & cabling, also providing temporary required numbers of power points arrangements for temporary workstations and including all the necessary safety devices like MCB, ELCB / RCCB, etc. to ensure SAFE & CONTINUED supply at site. Also removing of all type of existing electrical installations including light fittings, conduits, switch, socket, casing-capping, DB's MCB's, etc. complete as directed by the client / consultant at site & handing over to the client / Branch Manager at site	2	Job.	7,000.00	14,000.00
<b>TOTAL of SECTION (F)</b>				<b>Rs.</b>	<b>22,600.00</b>
<b>G VOICE NETWORKING</b>					
1	Supply & Installation of RJ-11 telephone socket outlet point alongwith PVC back box including 2 pair telephone cable from Telephone MDF upto individual Telephone socket outlet through already laid trenches / raceways / conduits including all necessary hardware & accessories, etc. complete as required.	6	Nos	700.00	4,200.00
<b>TOTAL of SECTION (G)</b>					<b>4,200.00</b>
<b>TOTAL</b>					<b>₹ 585,500.00</b>