

ONLINE PRICE BID FORMAT FOR SBI RBO3 REARRANGEMENT: ELECTRICAL WORKS					
No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Note: The Vertical Distribution boards and ETPN boards dismantled with incoming and outgoing MCB/MCCBS) shall be reused to maximum possible extent. Existing 8 way DB shall be used for Essential DB				
1	<u>MODULAR SOCKETS:</u>				
a	Supply and fixing of 4nos. 5A ,3 pin plug sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required UPS power (Indicator Switch shall be fixed above the table with suitable modular front plate/box and sockets shall be fixed below the counters)	36.00	no		
b	Supply and fixing of 2nos. 5A sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required Rawpower (Switch shall be fixed above the table with suitable modular front plate/box and sockets shall be fixed below the counters)	86.00	no		

c	Supply and fixing of modular RJ11 telephone sockets with suitable mounting box (Modular type) including all interconnections as required	26.00	no		
d	Supply and fixing of 3nos. 15A sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required UPS power(for the SERVER room)socket for the hub must be fixed as per the location of HUB inside the server room	1.00	no		
e	Supply and fixing of 1nos. 15A socket with 16A switch fixed on a 3 module metal box and white front plate (Modular type) including all interconnections as required	5.00	no		
f	Supply and fixing of 1nos. 15A socket fixed on a 3 module metal box and white front plate (Modular type) including all interconnections as required for record room	1.00	no		
g	Providing 2 meter length of flexible 3core 2.5sqmm multi core copper cable one end connected to plug top 15A and the other connected to the SB inside and a suitable hook arrangement as required for hanging the cable	1.00	no		

2	<u>LIGHT & FAN POINT WIRING</u>				
a	Point wiring with 1.5sqmm 650V grade multistranded PVC insulated copper wire FRLS type in MS/PVC PIPE for lights, fans including supply & fixing of 5 amp modular switch in concealed MS switch box, front plate, 3 plate ceiling rose/Angle holder in suitable block having provision for concealed circuit wiring with 3 Nos (P,N,E) 2.5sqmm. and all interconnections as required.	92	pts		
b	same as the above with two light points controlled by single switch	14.00	pts		
c	Supply and fixing of flush type 6A, 5 pin combined switch socket outlet in the Lighting control switch boards including interconnections complete as required.(dependent)	12.00	nos		
d	supply and fixing of 6A modular socket 3" below the false ceiling and 6A switch in the switchboard as required for wall mounted fans	26.00	nos		
e	Same as item 2a but for call bell points including providing new buzzer for the Branch Manager	1.00	nos		

	cabin as required				
f	Supply and installation of 25 A Modular type 3 pin plug socket with suitable metallic box for air conditioners	5.00	nos		
g	Supply and installation of 25A modular type DP switch (2 module with indicator) with suitable metallic /PVC box for the local control of the air conditioners.	5.00	nos		
3	<u>UPS, RAW POWER & TEL WIRING:</u>				
a	Supply and wiring with 3runs of 2.5 sq.mm 1100 V grade PVC insulated multi strand copper conductor wires FRLS conforming to IS 694 (with latest amendments) in suitable size PVC CONDUIT of 2mm thick concealed in the above ducts in the floor and supply of all fixing materials and accessories, interconnections complete as required for the UPS power sockets in the single window counters and officer tables. (UPS ,Raw power points over counter,16A plug points, cash officer, signage boards)	1500.0 0	mtr		

b	Wiring for the wall mounting fans from the nearest switch board with 1.5sqmm 650V grade multistranded PVC insulated copper wire FRLS in MS/PVC PIPE and all interconnections as required i.	300.00	mtr		
c	Cutting the floor to the required depth 2" and width 6" for burying the conduits for the UPS/raw power socket wiring and plastering the floor surface.	150.00	mtr		
d	Supplying and laying 2 pair telephone wire 0.50Sqmm in Modi make PVC /casing capping / pipe of 20/25 mm dia for the telephone points as per the layout.	800.00	mtr		
e	Supply and laying of 20/25mm ISI marked PVC conduit with one run of 16 SWG GI wire from the location of hub to computer nodes and as may be required for PA systems	200.00	mtr		
f	Chipping the wall for laying the PVC pipes ,re plastering and bringing back it to original finish for concealing the existing vertical drops/switch boards	200.00	mtr		

4	<u>DISTRIBUTION BOARDS</u>				
	Supply and installation of following size MCB distribution boards with following combination of MCBs as required. The existing PDB,LDB,UPS DB be shall be reused for the work				
a	3 phase 4 way VTPN DB Incomer: 40A FP RCCBO +100mA & outgoing :32A SP MCB – 4,20A SPMCB-4 nos for AC power circuits at banking hall(Incoming to the AC DB shall taken from the AHU DB or from the spare available from the second floor panel	2.00	Nos.		
b	2 + 12 way MCB Double door DB for UPS sockets Incomer : 40A DP MCB &Outgoing : 10/6 A SP MCB 12 Nos. for UPS	1.00	Nos.		
c	Supply and fixing of 32A DPMCB on a suitable sintex box for power supply to A/C units including all interconnections as required near the proposed out doorl. (Legrand/Siemens/L&T)(Ac for 2 TR cassette AC)	7.00	nos		
d	Supply and fixing of 32A DPMCB on a suitable metal box for power supply to A/C units including all	7.00	Nos.		

	interconnections as required near the proposed AC locations at 4.5 ft from the floor level. (Legrand/Siemens/L&T)(Ac for 2 TR AC sorting area)				
e	Supply and fixing of 20A DPMCB on a suitable sintex box for power supply to A/C units including all interconnections as required near the proposed out doorl. (Legrand/Siemens/L&T)(Ac for 1.5 TR cassette AC)	3.00	Nos.		
f	Supply and fixing of 25A 100 mA DP RCCB on a suitable metal box for power supply to board/security light units including all interconnections as required.	3.00	Nos.		
5	<u>SUB-MAIN & AC WIRING</u>				
a	Wiring with 2 runs of 6 Sq.mm 1100V grade PVC insulated Copper conductor multi strand wires FRLS along with one run of 4mm copper earth wire run in suitable size 2 mm thick PVC CONDUIT run concealed on wall/ Ceiling etc as required. (2 Tr cassette ac)	300.00	mtr		

b	Wiring with 2 runs of 4Sq.mm 1100V grade PVC insulated Copper conductor multi strand wires FRLS along with one run of 4mm copper earth wire run in suitable size 2 mm thick PVC CONDUIT run concealed on wall/ Ceiling etc as required. (1.5Tr AC, Ups Sub DB)	150.00	mtr		
c	Supply, laying and dressing of the following size of 1.1 KV grade PVC insulated armoured cable with aluminium conductor concealed or clamped on wall/ceiling/trench/cable tray / clamps if necessary for 4 core 16 Sq.mm AYFY etc as required. (From existing panel to new AC DB's)	80.00	mtr		
d	Termination of the above cables 16 sqmm as required with suitable glands and lugs	4.00	nos		
6	<u>FIXTURES/FANS</u>				
a	Supply & installation of Direct/Indirect recess mounted luminaire ,Philips fixture (OR) Equivalent models in other approved makes Catloug - RC 380B LED 31 S - 6500 PSE - WH (including fixing frame if any required)with all inter connections	46.00	nos		

	and fixing arrangement as required.				
b	Supply and Installation of 1X15W down lighter fixtures recess mounted type, Philips DN 192 B LED 12(9) s 6500 PSU - WH or equivalent with all interconnections and fixing arrangement as required(BM-1,counter -4,ante room-1)	42.00	nos		
c	Supply and Installation of 4ft LED tube fitting with LED lamp 20W with all interconnections and fixing arrangement as required	23.00	nos		
d	Supply and installation of lamp holder type with 6W LED lamp all interconnections in other approved makes with all inter connections and fixing arrangement as required. (Toilets)	7.00	Nos.		
e	Supply & installation of new Ceiling fan of CG make 48" with new Anchor faster hooks , bolts and adequate length of fan rods upto 1mtr	9.00	Nos.		
f	Supply and installation of 100w 4/5 step type electronic fan regulator in	9.00	Nos.		

	the modular switch boards as required				
g	Supply and fixing of exhaust fan of 12" of Almonard / CG as required(Toilet -2,dining hall-1)	7.00	Nos.		
H	Supply and installation of motion sensors at the toilet (Legrand,Schnider,Philps or equivalent)	6.00	Nos.		
i	Supply & installation of Metal body wall fan with metal blade with all required accessories model Havells V3 wall fan or equivalent	26.00	Nos.		
j	Supply and laying of LED strip light with one driver unit per 5 meter (blue color) pasted over the Aluminim Channel fixed to the counter Crompton/Panasonic/Wipro make	60.00	mtr		
7	Providing Standard Copper Plate Earth Station with 600 X 600 X 3.15mm thick copper plate including construction of brick pedestal, providing meshed funnel, CI cover completely as per IS 3043-1987 or latest revision including suitable copper strip to be fixed in the DG neutral for distribution.	1.00	nos		
8	Providing Standard GI pipe Earth Station including construction of	1.00	nos		

	brick pedestal, providing meshed funnel, CI cover completely as per IS 3043-1987 or latest revision including suitable copper strip to be fixed in the UPS room for distribution.(OB betterman-1,DB-1)				
9	Supply, laying and giving termination using bare 10 SWG Cu Wire in 20mm dia rigid pvc conduit for DB earthing from the existing earth pits .	150.00	mtr		
10	Supply, laying and giving termination using bare 4 SWG Cu Wire in 20mm dia rigid pvc conduit for UPS earthing from the new earth pits .	100.00	mtr		
11	Supply, Installation and commissioning of 12 nos of ceiling speakers (Ahuja,Philips) with matching transformer and wired with twisted pair cu cables 2Cx1 Sqmm wire through PVC pipe and terminating the connection in BM cabin complete with all accessories as required	1.00	Ls		
12	Supply and fixing of Legrand/protonics/L&T make timer for controlling the board light circuits, security lighting and exhaust fan	4.00	nos		

13	Charges for the preparation of single line diagram of the whole electrical installation using auto cad ,laminating and displaying it in the UPS/Electrical room	1.00	LS		
14	Supply of LT caution boards	3.00	nos		
15	Supply and laying of Synthetic Insulation mat of 2 mm thickness(3.3KV) for UPS room,Electrical panel room) (2mtr x 1mtr) for GF,FF, APFC, Pump panel)	4.00	Nos.		
16	Supply and laying of Synthetic Insulation mat of 2.5 mm thickness suitable for 11KV infront of HT SFU at GF	3.00	Nos.		
17	Supply and laying of Synthetic Insulation mat of 2 mm thickness(3.3KV) for UPS room, Electrical panel room) (6mtr x 1mtr) for Main panel at GF)	1.00	Nos.		
18	Supply of Rubber Hand Gloves	1.00	nos		
19	Supply, Installation and commissioning of TV antenna socket (RG-6) modular type factory made MS box with suitable modular plate and base plate including all accessories and interconnections after testing	1.00	no		
20	Supply, laying of Copper Coaxial TV cable through PVC conduit of size 20mm and ISI mark with all accessories	50.00	mtr		

21	Preparation of Physical layout for earth pits and display the same inside the UPS room	1.00	Ls		
22	Supply and installation of 3 nos of LED indicators R,Y,B on suitable PVC box with Hylam / PVC cover controlled by 3 nos 6A Modular switches including wiring with 4 runs of 1Sqmm PVC insulated CU wire through 20mm medium gauge PVC conduit	1.00	Nos.		
23	Supply and laying of 20 Pair armoured telephone cable with all accessories	30.00	mtr		
24	Supply and installation of KRONE connector telephone junction box of 20 pair.	2.00	Nos.		
25	Supply and laying of 50 Pair armoured telephone cable with all accessories	50.00	mtr		
26	Supply and installation of KRONE connector telephone junction box of 50 pair.	1.00	Nos.		
27	Supply and fixing of 100A TPN SFU in the existing panel with all interconnection feeding Chiller units at the Ground floor panel after removing the existing ones	2.00	Nos.		
28	Supply and installation of RYB indicator sets in existing panels after removing the damaged ones	3.00	Sets		

29	Supply and installation LED 40W street light at Car park area with all interconnections (Bajaj, Havells, Wipro)	2.00	Sets		
30	Servicing of Intrans make 11KV/433V,500KVA oil filled Transformer including oil leak rectification, Topping up of oil, Oil filtration, testing of di electric strength, changing full set of gaskets, (Top cover and Bucholz relay) replacing the Silica Gel breather(2 nos), Servicing of OLTC and RTCC panels etc as required at site	1.00	LS		
31	Charges for doing Single servicing of 11kv LBS Panel including labour and rectifying the defects if any including supply of minor materials required for it	1.00	LS		
32	Charges for doing painting of LBS, MSB, APFC panel, AC panel and Sub panels in the ducts after rubbing and cleaning the rusted areas, applying putty and primer and then spray painting with approved colour as directed including supply of all materials required for it.	1.00	LS		
33	Provide Temporary UPS stations for computers and other equipment's/gadgets, Lighting for smooth functioning of the branch during the progress of the work	1.00	LS		

	using removed wires and UPS sockets of existing tables/SWOs by complying all safety standards.				
34	Charges for preparation of necessary drawings for scheme approval, correction of defects as mentioned by Electrical Inspectorate, submission of defect rectification report, arranging for inspection of Electrical Inspectorate officials and getting approval for the changes in the Electrical connections and feeding arrangements of the 250 kVA DG set. (all statutory payments towards KSEB/EI which could be receipted for will be paid by the bank)	1.00	LS		
35	Dismantling of existing light fixtures, old DB, Panel, fans of the old branch and handing over to Bank authorities at Ground floor banking area	1.00	LS		
36	Supply, laying and giving termination for 25mmx3mm CU flat earth bench	2.00	Nos.		
37	Total value of Electrical works exclusive of GST @18%				
38	GST @18%				
39	Grand total for Electrical works				

Contractor's seal & signature