

**PRICE BID FOR THE REPLACEMENT OF THE ELECTRICAL (LT) PANELS AT THE BASEMENT OF THE STATE BANK OF INDIA,
LOCAL HEAD OFFICE SECTOR 17, CHANDIGARH.**

S.NO.	ITEM /SPECIFICATION	QTY	UNITS	RATE	AMOUNT
1	LT PANEL 01 NOS				
	Providing and fixing at site the LT panels including all the components mentioned below	1	NO.		
1	INCOMER				
	Main MCCB 4P 630 AMP dSine DN3-630D 36ka	1.00	NO.		
	E Rotary Handle Links for MCCB 4P 630 AMP	1.00	NO.		
	Spreader Links for MCCB 4P 630 AMP Set of 8	1.00	SET		
	R, Y, B Indication L.E.D Type Indications Mains	3.00	NO.		
	Voltmeter 440V Digital 3Phase Range 0 to 500 volts	1.00	NO.		
	Amp Meter 440V Digital 3Phase Range 0 to 1000 ampere	1.00	NO.		
	MCB SP 6 AMP	6.00	NO.		
	CT 600/5A	3.00	NO.		
2	OUTGOING				
	MCCB 4P 100 AMP dSine DN0-100D 36ka	21.00	NO.		
	Spreader Links for 100 AMP 4P MCCB Set of 8	21.00	SET		
	MCCB 4P 63 AMP dSine DN0-100D 36ka	1.00	NO.		
	Spreader Links for 63 AMP 4P MCCB Set of 8	1.00	NO.		
	MCCB 4P 200 AMP dSine DN1-250C 25ka	2.00	NO.		
	Spreader Links for 200 AMP 4P MCCB Set of 8	2.00	SET		
	Additional space for the 4 MCCBs as per the drawing				
3	Fabricated Enclosure				
	CRCA sheet steel enclosure. Panel will be fabricated with 16SWG CRCA sheet steel. Siemens' Grey (RAL7032) Powder Coated with Seven Tank Process. Tentative Dimensions (L X B X H approx.) 3650mm X 400mm X 2000mm Thickness of Panel Box & Door with Paint: 1.7mm.				
4	Structural base and stand for the panel				
	The base of the panel shall have MS C-Channel and welded to stand made with MS angles 50mm x 50mm x 6mm legs eight in nos. and atleast 300mm high, with base of MS plate of 6mm thickness with hole for provision of fixing of rawl plugs to the floor for fixing the panel, on each leg. All the MS members shall be Siemens' Grey (RAL7032) Powder Coated with Seven Tank Process.				

5	Bus Bar				
	Aluminium Bus Bar Grade E-91 of 650Amps (65 mm X 10 mm, 20mm x 10mm, 25mm x 6mm, 20mm x 5mm) All links of MCCB to be done with bus bar only. All Bus Bar with RYB sleeves				
	note: wires are not to be used in the panel except for the metering wiring.				
6	Wiring				
	(Metering, Thimbles, Ferrules, Sleeves, PVC channel, MCB channels etc)				
7	Hardware				
	(Nuts, Bolts, Spring washers, Door hinges, Door Locks & Key, Lifting hocks, Base channel, C-type Channels, DMC Busbar Insulators etc)				
8	Accessories				
	(Danger plate, Feeder detail Inscription plates, Acrylic/Bakelite/Perforated sheet cover for bus bar, Door gasket etc)				
9	Labour				
	(Fitting of Bus bar, Panel enclosure, Circuit breaker / SFU / Feeder, Starter / Metering wiring etc)				
10	Consumables				
	Welding rods, Cutting Wheels, Flap discs.				
	note: All the MCCB's shall be provided in separate compartments individually and even the RYB indicator with ampere meter and voltmeter shall have separate compartment.				
2	LT PANEL 01 NOS				
	Providing and fixing at site the LT panels including all the components mentioned below	1	NO.		
1	INCOMER (from T/F)				
	Main MCCB 4P 400 AMP dSine DN3B-400D 36ka	1.00	NO.		
	Spreader Links for MCCB 4P 400 AMP Set of 8	1.00	SET		

	R, Y, B Indication L.E.D Type Indications Mains	3.00	NO.		
	Voltmeter 440V Digital 3Phase Range 0 to 500 volts	1.00	NO.		
	Amp Meter 440V Digital 3Phase Range 0 to 1000 ampere	1.00	NO.		
	MCB SP 6 AMP	6.00	NO.		
	CT 400/5A	3.00	NO.		
2	OUTGOING				
	MCCB 4P 100 AMP dSine DN0-100D 36ka	3.00	NO.		
	Spreader Links for 100 AMP 4P MCCB Set of 8	3.00	SET		
	MCCB 4P 125 AMP dSine DN0-100D 36ka	2.00	NO.		
	Spreader Links for 125 AMP 4P MCCB Set of 8	2.00	SET		
	MCCB 4P 200 AMP dSine DN1-250C 25ka	4.00	NO.		
	Spreader Links for 200 AMP 4P MCCB Set of 8	4.00	SET		
	MCCB 4P 63 AMP dSine DN0-100D 36ka	15.00	NO.		
	Spreader Links for 63 AMP 4P MCCB Set of 8	15.00	SET		
	Additional space for the 4 MCCBs as per the drawing				
3	Fabricated Enclosure				
	CRCA sheet steel enclosure. Panel will be fabricated with 16SWG CRCA sheet steel. Siemens' Grey (RAL7032) Powder Coated with Seven Tank Process. Tentative Dimensions (L X B X H approx.) 3650mm X 400mm X 2000mm Thickness of Panel Box & Door with Paint: 1.7mm				
4	Structural base and stand for the panel				
	The base of the panel shall have MS C-Channel and welded to stand made with MS angles 50mm x 50mm x 6mm legs eight in nos. and atleast 300mm high, with base of MS plate of 6mm thickness with hole for provision of fixing of rawl plugs to the floor for fixing the panel, on each leg. All the MS members shall be Siemens' Grey (RAL7032) Powder Coated with Seven Tank Process.				
5	Bus Bar				
	Aluminium Bus Bar Grade E-91 of 400Amps (40 mm X 10 mm, 20mm x 10mm, 25mm x 6mm, 20mm x 5mm) All links of MCCB to be done with bus bar only. All Bus Bar with RYB sleeves				
	note: wires are not to be used in the panel exvept for the metering wiring.				
6	Wiring				

	(Metering, Thimbles, Ferrules, Sleeves, PVC channel, MCB channels etc)				
7	Hardware				
	(Nuts, Bolts, Spring washers, Door hinges, Door Locks & Key, Lifting hocks, Base channel, C-type Channels, DMC Busbar Insulators etc)				
8	Accessories				
	(Danger plate, Feeder detail Inscription plates, Acrylic/Bakelite/Perforated sheet cover for bus bar, Door gasket etc)				
9	Labour				
	(Fitting of Bus bar, Panel enclosure, Circuit breaker / SFU / Feeder, Starter / Metering wiring etc)				
10	Consumables				
	Welding rods, Cutting Wheels, Flap discs.				
	note: All the MCCB's shall be provided in separate compartments individually and even the RYB indicator with ampere meter and voltmeter shall have separate compartment.				
3	LT PANEL 01 NOS				
	Providing and fixing at site the LT panels including all the components mentioned below	1	NO.		
1	INCOMER (from T/F)				
	Main MCCB 4P 400 AMP dSine DN3B-400D 36ka	1.00	NO.		
	Spreader Links for MCCB 4P 400 AMP Set of 8	1.00	SET		
	R, Y, B Indication L.E.D Type Indications Mains	3.00	NO.		
	Voltmeter 440V Digital 3Phase Range 0 to 500 volts	1.00	NO.		
	Amp Meter 440V Digital 3Phase Range 0 to 1000 ampere	1.00	NO.		
	MCB SP 6 AMP	6.00	NO.		
	CT 400/5A	3.00	NO.		
2	OUTGOING				
	MCCB 4P 100 AMP dSine DN0-100D 36ka	5.00	NO.		
	Spreader Links for 100 AMP 4P MCCB Set of 8	5.00	SET		
	MCCB 4P 160 AMP dSine DN1-250C 25ka	5.00	NO.		

		Spreader Links for 160 AMP 4P MCCB Set of 8	5.00	SET		
		MCCB 4P 200 AMP dSine DN1-250C 25ka	1.00	NO.		
		Spreader Links for 200 AMP 4P MCCB Set of 8	1.00	SET		
		Additional space for the 3 MCCBs as per the drawing				
	3	Fabricated Enclosure				
		CRCA sheet steel enclosure. Panel will be fabricated with 16SWG CRCA sheet steel. Siemens' Grey (RAL7032) Powder Coated with Seven Tank Process. Tentative Dimensions (L X B X H approx.) 2350mm X 400mm X 1725mm Thickness of Panel Box & Door with Paint: 1.7mm				
	4	Structural base and stand for the panel				
		The base of the panel shall have MS C-Channel and welded to stand made with MS angles 50mm x 50mm x 6mm legs eight in nos. and atleast 300mm high, with base of MS plate of 6mm thickness with hole for provision of fixing of rawl plugs to the floor for fixing the panel, on each leg. All the MS members shall be Siemens' Grey (RAL7032) Powder Coated with Seven Tank Process.				
	5	Bus Bar				
		Aluminium Bus Bar Grade E-91 of 400Amps (40 mm X 10 mm, 20mm x 10mm, 25mm x 6mm, 20mm x 5mm) All links of MCCB to be done with the bus bar only. All Bus Bar with RYB sleeves				
		note: wires are not to be used in the panel exvept for the metering wiring.				
	6	Wiring				
		(Metering, Thimbles, Ferrules, Sleeves, PVC channel, MCB channels etc)				
	7	Hardware				
		(Nuts, Bolts, Spring washers, Door hinges, Door Locks & Key, Lifting hocks, Base channel, C-type Channels, DMC Busbar Insulators etc)				
	8	Accessories				
		(Danger plate, Feeder detail Inscription plates, Acrylic/Bakelite/Perforated sheet cover for bus bar, Door gasket etc)				

	9	Labour				
		(Fitting of Bus bar, Panel enclosure, Circuit breaker / SFU / Feeder, Starter / Metering wiring etc)				
	10	Consumables				
		Welding rods, Cutting Wheels, Flap discs.				
		note: All the MCCB's shall be provided in separate compartments individually and even the RYB indicator with ampere meter and voltmeter shall have separate compartment.				
	4	Supply, Installation, testing & commissioning of PVC insulated PVC sheathed armoured cable of 1100 V (IS ;1554 Part 1) and fixing of cable on wall with suitable size of clamps /saddles or laid in floor/recess wall including cutting of wall /floor and making good the damages etc complete as required of following sizes (ISI marked). (Make: Havells/ RR Kable / KEI/Finolex/Pymen)				
	a)	3.5X50 sq. mm aluminum conductors with two Nos. 8 SWG GI wire	20.00	mtr.		
	a)	3.5X35 sq. mm aluminum conductors with two Nos. 8 SWG GI wire	20.00	mtr.		
	b)	3.5X25 sq. mm aluminum conductors with two Nos. 8 SWG GI wire	40.00	mtr.		
	5	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium/Copper conductor cable of 1.1 kV grade as required.				
	a)	3.5X 50 sq.mm aluminum conductor	4.00	no.		
		3.5X 35 sq.mm aluminum conductor	4.00	no.		
	b)	3.5X 25 sq.mm aluminum conductor	4.00	no.		
	6	DISMANTLING AND BUYBACK				
		Dismantling the existing panels from the site as per the direction of the engineer in charge and buy back of the panel by retaining all the consumable like glands etc. for the rewiring of the new panel.	1.00	LS		
		TOTAL				
NOTE: THE COMPLETE RE-WIRING SHALL BE DONE BY THE VENDOR AND THE SAME SHALL BE INCLUDED IN THE COST OF THE PANELS.						