

SITC OF MV PANELS FOR SUBSTATIONS AND FEEDER PILLERS

Sl. No.	Item Description	Unit	Qty.	Supply		Installation		Total in Rs.	Remarks
				Rate (Rs)	Amount (Rs)	Rate (Rs.)	Amount (Rs.)		
1	SITC of New OEM Designed Franchise Manufactured Air Circuit Breaker Panels of approved makes (ABB/SIEMENS/SCHNIEDER/LAURITZ-KNUDSON) in various locations as detailed below with 2 MM CRCA Sheet, Copper Busbars for phases, neutral & earth with tinning in interconnections & in terminations, RYB LED Indications, Analog Voltmeter , SCADA Compatible Multifunction Meter with CT's , DT Metering Arrangements with Test terminal Block, pre-wired with colour coded RYBN PVC insulated Flexible 4 Sq.mm Copper cables, provision for accomodating 4 nos. of Current Transformers in the incomer cable chamber, Cubicle for accomodating LTCT Smart Meters etc.. ; (CT s & Smart Meter shall be provided by CoPA)								
(i)	Panel -1 (630 KVA): Incommer & Coupler: 800 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections -2; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Microprocessor -5; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1); Total O/G-8 : In Door Construction	Nos.	1						IN DOOR Type
(ii)	Panel -2 (500 KVA): Incommer - 800 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -2; 250 A, 4 Pole MCCB, 36 KA Microprocessor -3; 63 A, 4 Pole MCB -2; Total O/G-7 : In Door Construction	Nos.	1						IN DOOR Type
(iii)	Panel-3 (500 KVA): Incommer - 800 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -4; 250 A, 4 Pole MCCB, 36 KA Microprocessor -3; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -2; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -2; Total O/G-12: Indoor Construction	Nos.	1						IN DOOR Type
(iv)	Panel -4 (500 KVA): Incommer - 800 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Microprocessor -3; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal Adj.Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB - (2+1); Total O/G-9: Double Door Construction with Outdoor protection	Nos.	1						OUT DOOR Type
(v)	Panel-5 (500 KVA): Incommer - 800 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -2; 200 A Adj. Thermal, Adj. Magnetic -3; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -2; 63 A, 4 Pole MCB -2; Total O/G-10 ; Double Door Construction with Outdoor protection	Nos.	1						OUT DOOR Type

(vi)	Panel-6 (500 KVA): Incommer - 800 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Microprocessor -3; 250 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -1 32 A, 4 Pole MCB -1; Total O/G-9: Indoor Construction	Nos.	1					IN DOOR Type
(vii)	Panel -7 (315 KVA): Incommer - 630 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 250 A, 4 Pole MCCB, 36 KA Microprocessor -3; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -3; Total O/G-9: Indoor Construction	Nos.	1					IN DOOR Type
(viii)	Panel -8 (315 KVA): Incommer - 630 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Microprocessor -2; 250 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -2; Total O/G-7: Indoor Construction	Nos.	1					IN DOOR Type
(ix)	Panel -9 (315 KVA): Incommer - 630 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 250 A, 4 Pole MCCB, 36 KA Microprocessor -2; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -1 32 A, 4 Pole MCB -1; Total O/G-6: Indoor Construction	Nos.	1					IN DOOR Type
(x)	(315 KVA) Panel -10 : Incommer - 630 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 250 A, 4 Pole MCCB, 36 KA Microprocessor -3; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -1 32 A, 4 Pole MCB -1; Total O/G-7: Double Door Construction with Outdoor protection	Nos.	1					OUT DOOR Type
(xi)	Panel -11 (315 KVA): Incommer - 630 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -1; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -3; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -2; 63 A, 4 Pole MCB -1 32 A, 4 Pole MCB -1; Total O/G-8: Double Door Construction with Outdoor protection	Nos.	1					OUT DOOR Type
(xii)	Panel -12 (315 KVA): Incommer - 630 A, 4 Pole Draw Out type ACB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400 A, 4 Pole MCCB, 36 KA, Microprocessor -2; 63 A, 4 Pole MCB -1 32 A, 4 Pole MCB -1; Total O/G-4: Indoor Construction	Nos.	1					IN DOOR Type

2	SITC of New Moulded Case Circuit Breaker Panels with 2 MM CRCA Sheet, Copper Busbars for phases, neutral & earth with tinning in interconnections & in terminations, RYB LED Indications, Voltmeter with Selector Switch etc.. in various locations as detailed below;							
(i)	Panel-13 (250 KVA): Incommer - 630 A, 4 Pole MCCB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -2; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -3; Total O/G-9: Indoor Construction	Nos.	1					IN DOOR Type
(ii)	Panel -14 (250 KVA): Incommer - 630 A, 4 Pole MCCB, 50 KA, Microprocessor LSIG Protections; Outgoing: 400A, 4 Pole MCCB, 36 KA, Microprocessor -1; 250 A, 4 Pole MCCB, 36 KA Microprocessor -2; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -2; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal Adj.Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -3; Total O/G-10: , Indoor Construction	Nos.	1					IN DOOR Type
(iii)	Panel-15 (250 KVA): Incommer - 630 A, 4 Pole MCCB, 50 KA, Microprocessor LSIG Protections; Outgoing: 250 A, 4 Pole MCCB, 36 KA Microprocessor -1; 200 A, 4 Pole MCCB, 36 KA Adj. Thermal, Adj. Magnetic -1; 125 A, 4 Pole MCCB, 25 KA Adj. Thermal -1; 63 A, 4 Pole MCB -1 32 A, 4 Pole MCB -1; Total O/G-5: Indoor Construction	Nos.	1					IN DOOR Type
3	Removal of Existing Panel, removing the existing panels foundations , including shifting of panels to scrape yard and giving temporary connections of cables with necessary items as required so as to restore power till commissioning of New Panel.	Nos.	15					Total including all works

TOTAL SUPPLY (Rs.)

GST

TOTAL INCLUDING GST