

Date : 27/02/2026

MAHAVIR CANCER SANSTHAN AND RESEARCH CENTRE, PATNA

TENDER No. - 1867

Sealed Quotations are invited from the reputed suppliers/manufacturers for supply, installation, testing and commissioning of Electrical Distribution Panel for D-Block, at Mahavir Cancer Sansthan, Patna within 10 days from the date of publication of tender. For details, visit hospital's website : www.mahavircancersansthan.com

P. C. S. 28/2/26
Director (Admin.)

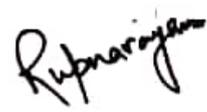
Annexure I			
S. No.	Item Description	Qty	Rate/Unit
1	Distribution Panel - 800 A	1	
	Supply of indoor LT Panel IP 42, PTTA from ASTA/CPRI/ERDA as per IEC 60439 Part 1 & 2, The LV Panel shall be manufactured in accordance with switchgear OEM design guidelines, ensuring full compliance with IEC standards. To ensure compatibility, all the switchgear components (ACB/MCCB/Control gear etc) should be from same make. The PB shall be in approved make list of CPWD (Lauritz Kundsen Formly (L&T), Schneider, Siemens).		
A	INCOMER - 2 Nos		
	2 nos of MCCB 800 A, 4P, Ics=100% of Icu=50 kA, having LSING Protection, double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 200-800A, Variable S/C 1.5-12 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation. Seperate LED indication for Pwr, O/L, S/C, INST.		
	EXTENDED ROTARY HANDLE for 800A MCCB		
	800A 4P SPREADER LINK		
	MCCB AUX & TAC CONTACT		
	1 Set of multifunction meter with basic parameters like frequency, V, A, FREQUENCY		
	800/5A 15VA CL1 CT		
	Indicating Lamp - R/Y/G and ON/OFF/Trip		
	6A SP 10KA MCB with Mechanical Short Circuit fault indication - 6 Nos		
B	On load changeover with staggered terminal 800A - 1 Nos		
C	Busbar		
	Three phase and neutral Aluminium extensible type busbars rated 800 A at 415 V, Current density shall be 1.0 A/Sq mm.		
	Bus bars shall be made of high conductivity, high strength aluminium alloy, complying with requirements of grade E 91E of IS 5082 - 1981. Design of bus bar system shall comply to IS 5578 and IS 11353.		
	The bus bars shall be supported on non-breakable, non-hygroscopic SMC /DMC insulated supports at regular intervals, having minimum Comparative Tracking Index (CTI) of 600V (as per IS 2824).		
	Panel shall be manufactured with CNC laser cutting, CNC bending machine, Painting by nemerical controlled paint gun.		
D	OUTGOING Feeder		

Rupnagar

AB

B. S. Singh

	OUTGOING 400A MCCB FEEDER - 1 Nos		
	1 nos of MCCB 400 A, 4P, Ics=100% of Icu=36 kA, having double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 268-400A, Variable S/C 6-12 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 400A MCCB		
	400A 4P SPREADER LINK		
	MCCB AUX & TAC CONTACT		
	OUTGOING 200A MCCB FEEDER - 7 Nos		
	7 nos of MCCB 200 A, 4P, Ics=100% of Icu=25 kA, having double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 134-200A, Variable S/C 6-12 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 200A MCCB		
	200 A 4P SPREADER LINK		
	OUTGOING 100A MCCB FEEDER - 10 Nos		
	10 nos of MCCB 100 A, 4P, Ics=100% of Icu=18 kA, having double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 67-100A, Variable S/C 6-12 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 100A MCCB		
	100 A 4P SPREADER LINK		
2	Distribution Panel - 200A	7	
	Supply of indoor LT Panel IP 42, PTTA from ASTA/CPRI/ERDA as per IEC 60439 Part 1 & 2, The LV Panel shall be manufactured in accordance with switchgear OEM design guidelines, ensuring full compliance with IEC standards. To ensure compatibility, all the switchgear components (ACB/MCCB/Control gear etc) should be from same make. The PB shall be in approved make list of CPWD (L&T, SIEMENS, ABB).		
A	INCOMER - 1 Nos		





	1 nos of MCCB 200 A, 4P, Ics=100% of Icu=25 kA, having double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 67-100A, Variable S/C 6-10 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, Inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 200A MCCB		
	200 A 4P SPREADER LINK		
	MCCB AUX & TAC CONTACT		
	1 Set of multifunction meter with basic parameters like frequency, V, A, FREQUENCY		
	200/5A 15VA CL1 CT		
	Indicating Lamp - R/Y/G and ON/OFF/Trip		
	6A SP 10KA MCB with Mechanical Short Circuit fault indication - 3 Nos		
B	Busbar		
	Three phase and neutral Aluminium extensible type busbars rated 200 A at 415 V, Current density shall be 1.0 A/Sq mm.		
	Bus bars shall be made of high conductivity, high strength aluminium alloy, complying with requirements of grade E 91E of IS 5082 – 1981. Design of bus bar system shall comply to IS 5578 and IS 11353.		
	The bus bars shall be supported on non-breakable, non-hygroscopic SMC/DMC insulated supports at regular intervals, having minimum Comparative Tracking Index (CTI) of 600V (as per IS 2824).		
	Panel shall be manufactured with CNC laser cutting, CNC bending machine, Painting by nematical controlled paint gun.		
C	OUTGOING Feeder		
	SPACE FOR 16 Nos of 63A, 4 pole, 10 kA, MCB with mechanical short circuit flag indication. It should comply to IS 60947.		
3	Distribution Panel - 1250 A	1	
	Supply of indoor LT Panel IP 42, PTTA from ASTA/CPRI/ERDA as per IEC 60439 Part 1 & 2, The LV Panel shall be manufactured in accordance with switchgear OEM design guidelines, ensuring full compliance with IEC standards. To ensure compatibility, all the switchgear components (ACB/MCCB/Control gear etc) should be from same make. The PB shall be in approved make list of CPWD (L&T, SIEMENS, ABB).		
A	INCOMER - 2 Nos		





DELIVERY NOTE

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	1 nos of MCCB 1250 A, 4P, Ics=100% of Icu=50 kA, having LSING Protection, Quick break mechanism, adjustable overload setting of 500-1250A, Variable S/C 1.5-8 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 1250A MCCB		
	1250A 4P SPREADER LINK		
	MCCB AUX & TAC CONTACT		
	1 Set of multifunction meter with basic parameters like frequency, V, A, FREQUENCY		
	1250/5A 15VA CL1 CT		
	Indicating Lamp - R/Y/G and ON/OFF/Trip		
	6A SP 10KA MCB with Mechanical Short Circuit fault indication - 3 Nos		
B	On load changeover with staggered terminal 1000A - 1 Nos		
C	On load changeover with staggered terminal - 1250A-1 Nos		
D	Busbar		
	Three phase and neutral Aluminium extensible type busbars rated at 415 V, Current density shall be 1.3 A/Sq mm.		
	Bus bars shall be made of high conductivity, high strength aluminium alloy, complying with requirements of grade E 91E of IS 5082 – 1981. Design of bus bar system shall comply to IS 5578 and IS 11353.		
	The bus bars shall be supported on non-breakable, non-hygroscopic SMC/DMV insulated supports at regular intervals, having minimum Comparative Tracking Index (CTI) of 600V (as per IS 2824).		
	Panel shall be manufactured with CNC laser cutting, CNC bending machine, Painting by nematic controlled paint gun.		
E	OUTGOING Feeder		
	OUTGOING 800A MCCB FEEDER - 1 Nos		
	2 nos of MCCB 800 A, 4P, Ics=100% of Icu=50 kA, having LSING Protection, double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 200-800A, Variable S/C 1.5-12 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation. Seperate LED indication for Pwr, O/L, S/C, INST.		
	EXTENDED ROTARY HANDLE for 800A MCCB		
	800A 4P SPREADER LINK		
	MCCB AUX & TAC CONTACT		
	Indicating Lamp - R/Y/G and ON/OFF/Trip		
	OUTGOING 400A MCCB FEEDER - 1 Nos		

R. Subramanian

[Signature]

Below

	1 nos of MCCB 400 A, 4P, Ics=100% of Icu=36 kA, having double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 268-400A, Variable S/C 6-12 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 400A MCCB		
	400A 4P SPREADER LINK		
	MCCB AUX & TAC CONTACT		
	1 Set of multifunction meter with basic parameters like frequency, V, A, FREQUENCY		
	Indicating Lamp - R/Y/G and ON/OFF/Trip		
	OUTGOING 250A MCCB FEEDER - 2 Nos		
	2 nos of MCCB 250 A, 4P, Ics=100% of Icu=25 kA, having double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 134-200A, Variable S/C 6-12 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 250A MCCB		
	250 A 4P SPREADER LINK		
	Indicating Lamp - R/Y/G and ON/OFF/Trip		
	1 Set of multifunction meter with basic parameters like frequency, V, A, FREQUENCY		
4	Main LT Panel - 2500A	1	
	Supply of indoor LT Panel IP 42, PTTA from ASTA/CPRI/ERDA as per IEC 60439 Part 1 & 2, The LV Panel shall be manufactured in accordance with switchgear OEM design guidelines, ensuring full compliance with IEC standards. To ensure compatibility, all the switchgear components (ACB/MCCB/Control gear etc) should be from same make. The PB shall be in approved make list of CPWD (L&T, SIEMENS, ABB).		
A	INCOMER - 4 Nos		
	2500 4P 65kA EDO ACB with microprocessor release LSING protection, Pollution degree 4. It should have Combined Test Sequence Certification from CPRI/ERDA/ASTA. It should have arc chute interlocking, Mechanical & Electrical anti-pumping. The release shall have inbuilt ZSI, oLED display of Current, % Loading, Imin, Imax, last 20 trip data. Seperate LED for Pwr, O/L, S/C, INST, E/F, NTRL, ALRM, TRIP. Qty - 4 Nos		
	Each incomer ACB should have below mentioned accessories as per proposed scheme		
	Under Voltage Release for ACB		
	Shunt Release for ACB		
	Mechanical Interlock using Key & Lock		

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	Locking arrangement for OFF button with R - Lock (on breaker)		
	1 Set of multifunction meter with basic parameters like frequency, V, A, FREQUENCY		
	Breaker Control Switch (TNC)		
	CTs- 2500/5A , 15VA , Class -1 Tape Wound for Metering		
	AUX CONTACTOR 2NO+2NC		
	220V AC Indication LED Type (R/Y/B Phase On)		
	240V AC Indication LED Type (Breaker On/Off/Trip)		
	6A DP MCB, 10kA, C-Curve		
	SP MCB, 10kA, C-Curve		
	CT Shorting Link		
	Lighting arrangement for each vertical		
5	Distribution Panel - 100A	7	
	Supply of indoor LT Panel IP 42, PTTA from ASTA/CPRI/ERDA as per IEC 60439 Part 1 & 2, The LV Panel shall be manufactured in accordance with switchgear OEM design guidelines, ensuring full compliance with IEC standards. To ensure compatibility, all the switchgear components (ACB/MCCB/Control gear etc) should be from same make. The PB shall be in approved make list of CPWD (L&T,SIEMENS,ABB).		
A	INCOMER - 1 Nos		
	1 nos of MCCB 100 A, 4P, Ics=100% of Icu=36 kA, having double break Contact Locking Dead-Centre (D/C) mechanism, adjustable overload setting of 67-100A, Variable S/C 6-10 x In. MCCB shall have true rms sensing, no Load-line bias, double insulation, inbuilt ambient temperature compensation.		
	EXTENDED ROTARY HANDLE for 100A MCCB		
	100 A 4P SPREADER LINK		
	MCCB AUX & TAC CONTACT		
	1 Set of multifunction meter with basic parameters like frequency, V, A, FREQUENCY		
	100/5A 15VA CL1 CT		
	Indicating Lamp - R/Y/G and ON/OFF/Trip		
	6A SP 10KA MCB with Mechanical Short Circuit fault indication - 3 Nos		
B	Busbar		
	Three phase and neutral Aluminium extensible type busbars rated 100 A at 415 V, Current density shall be 1.0 A/Sq mm.		
	Bus bars shall be made of high conductivity, high strength aluminium alloy, complying with requirements of grade E 91E of IS 5082 – 1981. Design of bus bar system shall comply to IS 5578 and IS 11353.		

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