

BHARAT HEAVY ELECTRICALS LIMITED

POWER SECTOR WESTERN REGION

ITEM LIST

Tender No: 1605027 dated 12.08.2016.

Supply of Spares (Master Controller , Limit Switch , thruster, brake liner) of EOT Crane to 2x250 MW Satpura TPS Unit 10 & 11.

Sl. No.	BBU No.	Item Description	Unit	Qty	Specification	MAKE
1	1(d)	Brake Liner for all the brakes	Pairs	8		
1.a	1(d).A	For MH & AH : EHT-300	Pairs	4	300 mm dia with 34kg Thruster having rating 62kg.m	SPEED O CONTROL (SOC)
1.b	1(d).B	For CT & LT : EHT-160	Pairs	4	160mm dia with 18 kg Thruster having rating of 9 kg.m	
2	1(e)	Hydraulic thruster for Brakes		2		
2.a	1(e).A	For MH & AH : EHT	Nos.	1	300 mm dia with 34kg Thruster having rating 62kg.m	
2.b	1(e).B	For CT & LT : EHT	Nos.	1	160mm dia with 18 kg Thruster having rating of 9 kg.m	
3	1(g)	Brake springs for all brakes		8		
3.a	1(g).A	For MH & AH : EHT	Nos.	4	300 mm dia with 34kg Thruster having rating 62kg.m	
3.b	1(g).B	For CT & LT : EHT	Nos.	4	160mm dia with 18 kg Thruster having rating of 9 kg.m	
4	2(e)	Limit Switches for MH, AH, CT & LT		7		
4.a	2(e). i. 1	Rotary geared Limit Switch-10A (For Main Hoist)	Nos.	1	Rotary geared Limit Switch with 2 NC Contact and having gear ratio 48:1. Contacts rated for 10 Amps at 500V.A.C FOR MH AND AH)	
4.b	2(e). i. 2	Gravity Limit Switch-40A (For Main Hoist)	Nos.	1	Gravity Limit Switch (COUNTER WEIGHT OPERATED, CWLS/1SH/1-40 A with 1 NC contract rated for 40 Amps rated at 500 V AC FOR MH AND AH)	
4.c	2(e). ii.1	Rotary geared Limit Switch-10A (For Aux. Hoist)	Nos.	1	Rotary geared Limit Switch with 2 NC Contact and having gear ratio 48:1. Contacts rated for 10 Amps at 500V.A.C FOR MH AND AH)	

4.d	2(e).ii.2	Gravity Limit Switch-40A (For Aux. Hoist)	Nos.	1	Gravity Limit Switch (COUNTER WEIGHT OPERATED, CWLS/1SH/1-40 A with 1 NC contract rated for 40 Amps rated at 500 V AC FOR MH AND AH)	SPEED O CONTROL (SOC)
4.e	2(e).iii.1	Lever operated Limit Switch Two way type-10A for Cross Travel	Nos.	1	Lever operated Limit Switch (Two way type - LS/2SH/2-10AMPS(2 NC) with (2 NC) Contact. Contacts rated for 10 Amps rated at 500 V.A.C. FOR CT)	
4.f	2(e).iv.1	Lever operated Limit Switch One way type-10A for Long Travel	Nos.	2	Lever operated Limit Switch (One way type LS/1SH/1-10A with 1 NC Contact. Contacts rated for 10 Amps rated at 500 V.A.C. in IP-54Enclosure FOR LT.)	
5	2(f)	Master Controller for Aux. Hoist, Cross Traverse & Long Traverse	Nos.	4		
5.a	2(f).A	FOR MH & AH.	Nos.	2	MASTER CONTROLLER CM5/9A 5 Step, 9 Cam, Master Controller having off position interlock contacts rated for 40 Amps 500 V.A.C (FOR CROSS TRAVEL UNIT) FOR MH & AH.	
5.b	2(f).B	FOR CT & LT.	Nos.	2	MASTER CONTROLLER CM4/8A 4 Step, 8 Cam, Master Controller having off position interlock contacts rated for 40 Amps 500 V.A.C Aluminium die cast. FOR CT & LT.	

Abbreviation: MH- Main Hoist, AH- Auxilary Hoist, CT-Cross Travel. LT-Long Travel. DCEM-DC Electro Magnetic, EHT-Electro Hydraulic Thruster

All Blue coloured cells are to be filled by bidder

- Note:**
1. Part offers are liable for rejection , hence bidder must quote for all enquired items.
 2. Bidder shall quote for SPEED O CONTROL (i.e SOC) Make only.