

BHARAT HEAVY ELECTRICALS LIMITED

POWER SECTOR WESTERN REGION

II. ITEM LIST

Tender No: 1605063 dated 21-12-2016.

Supply of Spares of PLC (Compressed Air System) at 2x250 MW Satpura TPS Unit 10 & 11.

Bidders Name:							
Sl. No.	BBU NO.	Item Description	Unit	Qty	MAKE	Offered Model (if any)	Quoted / Not quoted
1	1	Power supply unit: 20A Power Supply 24V DC	Nos.	2	STANDARD		
2	2	Electronic modules like I / O, CPU communication, interface					
2.(a)	2.1	8 Channel Analog Input Module	Nos.	1	ABB		
2.(b)	2.2	8 Channel Analog Output Module	Nos.	1	ABB		
2.(c)	2.3	16 Channel Digital Input Module	Nos.	1	ABB		
2.(d)	2.4	16 Channel Digital Output Module	Nos.	1	ABB		
2.(e)	2.5	Dual RS232-C interface	Nos.	1	ABB		
2.(f)	2.6	Module Termination Unit	Nos.	1	ABB		
2.(g)	2.7	PROFIBUS DP Communication interface	Nos.	1	ABB		
2.(h)	2.8	PROFIBUS DP Communication interface M	Nos.	1	ABB		
2.(i)	2.9	Control Processing Unit -PM 861	Nos.	1	ABB		
3	3.i	Interconnecting cables: One run length of each type and size					
3.(a)	3.i.1	Ethernet Cable	Mtr	20	STANDARD		
3.(b)	3.i.2	OWS/PC Printer interfacing cable	Mtr	20	STANDARD		
3.(c)	3.i.3	Modbus communication cable	Mtr	100	STANDARD		
3.(d)	3.ii	Connectors: Compact Module Termination Unit	Nos.	2	ABB		
4	4	Graphical interface unit					
4.(a)	4.i)	Personal Computer (PC): Dell OptiPlex / i3 Processor / 2GB RAM/	Nos.	1	Dell		
4.(b)	4.ii)	21".5 wide screen monitor	Nos.	1	Dell		
5	5	A3 Color Laser Jet Printer	Nos.	1	HP/Canon		
6	6	Cooling fan for PLC system /cabinet		2	STANDARD		
7	7	Audible devices: Hooter	Nos.	2	STANDARD		

NOTE: 1. Part offers are liable for rejection, thus bidder has to quote for all the items.

2. Test certificate of manufacturer for all items to be provided with supplies.

3. Warranty : All the items shall be guaranteed for twelve (12) months from the date of last supply.

4. O & M Instruction (if applicable) ,test certificate and warranty certificate to be furnished along with the supply.

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