

2X350 MW PIPAVAV CCP

NETWORKING HARDWARE FOR NUMERICAL RELAYS

SL. No.	DESCRIPTION OF EQUIPMENT/ITEM	UNIT	Ordered Quantity	UNIT PRICE Ex-WORKS (Rs.)	TOTAL PRICE Ex-WORKS (Rs.)	* EXCISE DUTY WITH CESS @10.3% (Rs.)	CST / VAT @ % (against form 'C' & E1/E2) (Rs.)	** FREIGHT CHARGES INCLUDING SERVICE TAX (IF ANY) (Rs.)	Service Tax (as required)	TOTAL PRICE (free Delivery on site) (Rs.)
1.0	ETHERNET SWITCH OF 16 CHANNEL (WITH TCP/IP PROTOCOL) FOR COMMUNICATION WITH SERIAL SERVERS & DCS GATEWAY COMPUTER AS PER SYSTEM REQUIREMENT	No.	1							
2.0	SERIAL SERVER SUITABLE FOR COMMUNICATION BETWEEN SEL NUMERICAL RELAY & ETHERNET SWITCH (WITH TCP-RTU PROTOCOL AND TCP-IP PROTOCOL) AS PER SYSTEM REQUIREMENT	Nos.	7							
3.0	FIBRE OPTICAL CABLES FOR COMMUNICATION AS SHOWN IN ANNEXURE- B TYPICALLY (INCLUSIVE OF SUPPLY, LAYING AND TERMINATION ALONGWITH ANY HARDWARE REQUIRED AT EQUIPMENT SUPPLIED UNDER THIS PACKAGE)	Meter	2500							
4.0	TWISTED PAIRED COPPER CABLES (TYPE – 5E)	Meter	2000							
5.0	COMMISSIONING CHARGE FOR CABLE LAYING BETWEEN NUMERICAL RELAYS, SERIAL SERVER, ETHERNET SWITCH AND DCS		LOT							
6.0	SPECIAL TOOLS & TACKLES		LOT							
7.0	E & C SPARES		BIDDER TO FURNISH QUANTITY & LIST							
8.0	ENGINEERING CHARGES FOR COMPLETE NETWORKING HARDWARE FOR NUMERICAL RELAYS		LOT							
9.0	ANY OTHER ITEM REQUIRED FOR COMPLETENESS OF SYSTEM		BIDDER TO FURNISH QUANTITY & LIST							

* EXCISE DUTY ON SELF MANUFACTURED ITEMS ONLY.

** FREIGHT CHARGES IN TERMS OF % OF EX-WORKS.