

PROJECT:- 2 X 500 MW KODERMA TPP
PACKAGE:- NETWORKING HARDWARE FOR DATA- CONCENTRATOR AND NUMERICAL RELAYS
ENQUIRY NO.:- PE/PG/KOD/IE-6291/2019 Dtd. 22.08.2019
VENDOR NAME:-

ITEM CODE	DESCRIPTION (BOQ CUM PRICE SCHEDULE FOR NETWORKING HARDWARE FOR DATA- CONCENTRATOR AND NUMERICAL RELAYS)	HSN CODE	UNIT	QTY.	UNIT PRICE (EX-WORKS) (Rs.)-DULY PACKED	TOTAL PRICE (EX-WORKS) (Rs.)-DULY PACKED	Freight % of total ex-works price	FREIGHT CHARGES (Rs.)	TYPE OF GST	RATE OF GST (%)	GST AMOUNT ON (TOTAL EX- WORKS + FREIGHT)(Rs.)	TOTAL F.O.R SITE PRICE (Rs.)
S. No.	2	3	4	5	6	7	8	9	10	11	12	13
1.0	508-11246-A											
	NETWORKING HARDWARE FOR NUMERICAL RELAYS											
	INDUSTRIAL GRADE ENGINEERING WORK STATION (HMI) WITH FOLLOWING SPECIFICATION 1. INTEL CORE I5, 3.2GHz, 3RD GEN. PROCESSOR 2. 2 X 4GB DDR3 MEMORY 3. 1 X 500GB SATA HARD DISK DRIVE 4. 1 X DVD-RW DRIVE 5. 2 X 10/100/1000 Mbps LAN ETHERNET PORT ON BOARD 6. DUAL ETHERNET CARD ON PCI SLOT 7. 8-USB PORT, 1 X VGA PORT 8. WINDOWS SERVER 2012 R2 STANDARD(64BIT), GENUINE PREINSTALLED AND ACTIVATED WITH ALL PATCHES INSTALLED TILL DATE OF SUPPLY WITH RCD 9. LATEST ON BOARD GRAPHIC FEATURE AND INTEGRATED AUDIO WITH INTERNAL SPEAKER AND VOLUME CONTROL 10. MONITOR, USB KEYBOARD AND OPTICAL MOUSE WITH SCROLL BUTTON 11. POWER SUPPLY INPUT 110-230VAC 12. CABLES AS REQUIRED 13. CSTD6 TERMINAL BLOCK 14. MAKE OFFERED BY BIDDER SHALL BE SUITABLE FOR COMMUNICATION(ON IEC-61850 PROTOCOL) WITH PREVIOUSLY INSTALLED RUGGEDCOM MAKE ETHERNET SWITCH, ABB MAKE NUMERICAL RELAYS (MODEL-REF615, REF541 & REM543) AND ADVANTECH MAKE DATA CONCENTRATOR SERVER. 15. MAKE:- TO BE PROPOSED BY BIDDER MEETING ABOVE SPECIFICATION AND INDUSTRIAL GRADE REQUIREMENT	8536	NOS.	2								
B	INDUSTRIAL GRADE ETHERNET SWITCHES WITH FOLLOWING SPECIFICATION 1. IEC-61850 COMPLIANT 2. PORTS:- 16 PORTS (14 RJ45 + 2 SM SC FO CONNECTOR), 100 Mbps FIBRE OPTICAL PORT + RJ45 10/100 BASE T(X) PORT 3. 19" RACK MOUNTED 4. DUAL POWER SUPPLY 5. 12 PORT LRU WITH ST CONNECTOR 6. MAKE OFFERED BY BIDDER SHALL BE SUITABLE FOR COMMUNICATION WITH PREVIOUSLY INSTALLED RUGGEDCOM MAKE ETHERNET SWITCH, ABB MAKE NUMERICAL RELAYS (MODEL-REF615, REF541 & REM543) AND ADVANTECH MAKE DATA CONCENTRATOR SERVER 7. MAKE:- TO BE PROPOSED BY BIDDER MEETING ABOVE SPECIFICATION AND INDUSTRIAL GRADE REQUIREMENT	8536	NOS.	5								
C	OVER VOLTAGE CUT-OFF DEVICE FOR UPS 1. MAKE-MICRO SYSTEM SERVICES, 2. MAX LOAD 3KVA, I/P 230VAC, UPPER CUTOFF-275V AC AND LOWER CUT-OFF 130V AC	8536	NO.	1								
2.0	TOTAL LUMP SUM PRICE (Prices in FIGURE)											
3.0	TOTAL LUMP SUM PRICE (Prices in WORDS)											

श्री प्रकाश यादव
उप प्रबंधक (पी.जी.डी.) / Dy. Manager (PG-M)
कक्षा हैवी इलेक्ट्रिकल्स विभाग / Heavy Electricals Ltd.
पावर सेक्टर-परियोजना अधिकारी/पावर
Power Sector-Project Engineering Management
पीपीईएफ मैन, एच आर डी आई, एच ईएमएफ मैन
PPEI Bldg. H.R.D.I. & ESI Compound
लाट नं. 25, टाक 16