

Enclosure-I

Item Description: SIEMENS POWER AND CONTROL MODULES

List of items and Technical Specifications

SI.NO	MODULE	PART NUMBER	QUANTITY	Suppliers Compliance
1.	SIMOGEAR 2KJ3 – IEC, Helical gearbox Z29, LE90SM4P, Motor power 1.10 kW, 4 Poles, Gearbox ratio 3.47, Self-ventilation (IC411), Gearbox service factor 2.76 Z29-LE90SM4P	2KJ3102-1EK23-4BA1-Z D01+K01+K06+ L00+M55+P91	01	
2.	SINAMICS G120C DRIVE	6SL3210-1KE15-8UB2	01	
3.	MOTION-CONNECT 500 power cable, sold by the meter: 20.0 m	6FX5008-1BB11-1FA0	01	
4.	SIMATIC HMI TP2200 Comfort	6AV2124-0XC02-0AX1	01	
5.	PLC 1200 CPU 1215C, DC/DC/DC, 14DI/10DO/2AI/2AO	6ES7215-1AG40-0XB0	01	
6.	SIMATIC OPC UA S7-1200 Basic DL	6ES7823-0BE00-2BA0	01	
7.	S7-1200, Analog Input SM 1231 RTD, 8 AI	6ES7231-5PF32-0XB0	01	
8.	CONTACTOR, AC3:7,5KW 1NO DC24V	3RT2018-2BB41	02	
9.	SITOP PSU300S/3AC/24VDC/10A	6EP1434-2BA20	02	
10.	CIRCUIT BREAKER	5SL4 MCB 2 A, 4 P	02	
11.	CIRCUIT BREAKER	5SL64067RC-6A 4P	02	
12.	ACCESSORY CABLING KIT	6GK1901-1BB10-2AA0	10	

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Terms and Conditions

1. All the supplied hardware-software items should strictly match the manufacturer part number and associated software
2. All the hardware modules are to be pre-calibrated / quality checked at the OEM's place, and an appropriate certificate is to be provided along with the hardware components
3. All software-hardware items are to be delivered at CMTI within 4-6 weeks from the date of the Purchase Order.
4. All necessary accessories, power adapters, connection adapters and software and hardware tools are to be included in the quotation supplied along with the item
5. All additional modules required for operation and analysis should be quoted as optional supplied along with the item in the case of inclusion in PO
6. An unconditional warranty of 1 year on supplied items must be provided. 3-year warranty to be included as optional
7. The Supplier has to submit an OEM Authorization Certificate if the supplier is not OEM.
8. Payment terms: 80% with the order and 20% after delivery, installation and acceptance or 100% after delivery, installation and satisfactory inspection within 30 days of delivery
9. **The vendor shall submit their quote in INR, preferably and also should submit a certificate stating that 20% of the local content contribution is present in the supplied item**

