

Specification of Industrial Computer

Quantity: 9Nos.

1. Chassis:		
Sl. No	Description	Specification
1.1	Type	Table Top (Tower)
1.2	CD/DVD-RW	One 5.25" front accessible drive bays
1.3	Cooling	High-speed cooling fan supports abundant cooling and streamlined ventilation
1.4	Material of Construction	Heavy-duty steel
1.5	Back Plane/Motherboard	Supports versatile 4-slot
1.6	Power	ATX-XE/ATX with hot swappable dual redundant power supply (350W) along with provision of two separate AC power input for both SMPS.
1.7	Front Panel	LEDs: HDD active and System power System Reset Switch ATX Power Switch

2. Single Board Computer:		
Sl. No	Description	Specification
2.1	CPU	Intel i7-9700E 2.6 GHz, 12MB Cache
2.2	Chipset	Intel C246 Express or equivalent
2.3	RAM	Dual-channel DDR4 16GB expandable up to 32 GB
2.4	Hard disk	500GB SSD and 1TB HDD
2.5	Graphic Card	Chipset Graphics card
2.6	Operating System	64-bit Windows 10/11 Professional version with perpetual licence
2.7	USB Port	2x USB 3.0 4x USB 2.0 to backplane
2.8	Serial Port	Four COM ports 2 RS-232 2 RS485
2.9	SMPS	SMPS shall support all the load
2.10	Display Port	1 x VGA on rear side 1 x HDMI on rear side 1 x DVI on rear side
2.11	Expansion (backplane)	2 x PCIe 2 x PCI

3. General:		
3.1	Power Supply	230VAC, 50Hz AC single phase supply (Indian Standard)
3.2	Shock Dampening	Shock dampening card hold down bar for all size cards.
3.3	Vibration (5-500Hz)	1 G _{rms} operating 2 G _{rms} non- operating
3.4	Shock	10G (11 ms duration, half sine wave) operating

4. Peripherals:	
4.1	Wired Key board and optical mouse (USB Type)
4.2	19" or Higher Full HD Native Resolution LED Monitor

5. Accessories:	
5.1	VGA Cable
5.2	DVI Cable
5.3	Power chords
5.4	CD/DVD-RW drive should be mounted inside the chassis
5.5	Latest MS office Professional with perpetual license

6. Other terms and conditions:	
Sl.No.	
6.1	Party shall carryout installation, commissioning, demonstration at LPSC(B).
6.2	In case quote by an Indian agent, party shall submit a valid authorization certificate obtained from OEM along with their quote.
6.3	Supplier shall submit catalogue of all the quoted items along with the quote
6.4	Part supply will not be acceptable.
6.5	Each offered specification column shall be filled with the actual quoted specifications. Party shall not write complied/noted/refer data sheet in offered specification column. All specifications shall be supported by attached catalogue.
6.6	Supplier shall configure the operating system, hardware drivers and all necessary software required for the operation of computers.
7. Warranty	
7.1	Comprehensive warranty of one years.
7.2	Non-Comprehensive AMC for two years after the warranty period. (Attached in Annexure-2)
8. Delivery Period:	
8.1	Six months from the date of placement purchase order.

Annexure-2

1. Non-Comprehensive Annual Maintenance Contract (AMC):	
	The party shall undertake non comprehensive AMC for a period of two years, after the expiry of warranty period. The quote shall be in Indian rupees. The non-comprehensive AMC is to be carried out only by the authorized Indian service provider of the manufacturer.
1.1 Scope of work:	
	One preventive maintenance visit per year and duration shall be till completion of maintenance. The scope shall also include any number of breakdown visits
1.2 Type of contract:	
	The proposed Annual Maintenance Contract shall be of Non-Comprehensive type.
	Quantity of the equipment to be covered under AMC: IPC & Monitor : 9Nos.
1.3 Period of contract:	
	The contract shall be valid for a period of 2 years after completion of warranty however it shall be open to purchaser to terminate the contract at any time during its currency by giving one-month advance notice in writing.
1.4 Preventive maintenance:	
	The authorized Indian service provider shall perform preventive maintenance once in a year.
1.5 Breakdown Maintenance:	
	The authorized Indian service provider shall attend any number of breakdown calls per year, immediately within 72 hours of intimation during the contract period on payment basis.
1.6 Payment Terms:	
	Maintenance charges shall be paid after every yearly on pro-rata basis on completion of satisfactory service.
	However, at the end of each service, a service report duly signed by contractor, indentor and indentor Divisional Head/DGM/GM shall be obtained from the user division to the effect that the Industrial CPU has been serviced and is working satisfactorily and shall be submitted to the Accounts Officer, LPSC Bengaluru along with bill / invoice in duplicate with a copy to Purchase and Stores Officer (Stores).
1.7 General Terms:	
	While on a job in the event of damages to our property or injury to our personnel due to the negligence of the supplier's employee, the responsibility shall solely rest with the supplier.