



मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर
MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

LIMITED TENDER ENQUIRY

Enquiry No. F5(1011)ST/MNIT/EE/2018

Date: 31.01.2019

Firm's Name & Address

Date of Tender Opening: 15.02.2019

Place of Submission of tender in tender box at:

Deputy Registrar (S&P)
Jawahar Lal Nehru Marg, Malviya Nagar
Jaipur, Rajasthan 302017

(The tender would be opened at three pm on the date of tender opening above, at the address mentioned above)

Please submit on or before 3:00 pm on the date of tender opening, your quotation for the following goods, in accordance with the terms and conditions printed overleaf, in a sealed cover, marked on top with – Enquiry No; Date of Tender Opening.

Yours Sincerely,

(R.K. Manjhiwal)
Deputy Registrar (S&P)

Sr.No.	Description of Item		Quantity	Unit	Rate	GST	Amount (Rs.)
	Catalogue, Part/Model No.	Specifications					
01	Real Time DSP Controller (All other specification as per attached annexure -1 st)		01	Nos			
	Total Ex-Works Price						
	(-) LESS: Discount ___% (if any)						
	Net Ex-Works Price						
	(+) Packing & Forwarding Charges						
	(+) Transportation Charges						
	GRAND TOTAL						

(Grand Total in Rupees _____)

Delivery Schedule:

Undertaking by Supplier

I/ We engage to supply the material(s) to your office and comply the following:

1. Tender schedule and technical specification indicated
2. Item/tender specific conditions for this tender.
3. Terms and conditions printed overleaf.
4. I/we confirm that set off for the GST, etc. Paid on the inputs have been taken into consideration in the above quoted price and further agree to pass on such additional duties as sets offs as may become available in future under GST, etc.
5. This offer is valid for 90 (ninety) days from the date of opening of the tender.
6. That we have not been debarred by any Government/Undertaking.
7. That the rates quoted are not higher than the rates quoted for same item to any Government Dept./Autonomous body/ Undertaking.
8. That the bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement

Place & Date:

Signature & Seal
Name of Authorised Signatory
Tel. No./Fax. No./Mobile No.
Email Id:

Terms and Conditions of Limited Tender

1. The quotation must be in the form furnished by MNIT Jaipur and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not the quotation will not be considered. Quotation written in pencil will not be considered.
2. Quotation will be opened on due date at 3.00 pm at the indicated venue in presence of the tenderers or their representatives who may wish to be present.
3. The Director, MNIT Jaipur reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotations.
4. Manufacturer's name and country of origin of materials offered must be clearly specified.
5. Please quote whether your organisation is large scale industry or small scale industry. If you have NSIC/MSE/MSI/DGS&D Certificate, please attach it to the quotation. Mention your registration details.
6. Complete details and ISI specification if any must accompany the quotation. Make/brand of the item shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.
7. If required, the samples must be submitted where specified along with the quotations. Samples must be carefully packed, sealed and labeled clearly with enquiry number, subject and sender's name for easy identification. Rejected samples will be returned at your cost if insisted.
8. All drawings sketches and samples, if any, sent along with this enquiry must be returned along with quotations duly signed.
9. All supplies are subject to inspection and approval before acceptance. Manufacturer/ supplier warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable.

10. The Government of India reserves the right to modify the quantity specified in this enquiry.
11. The prices quoted should be firm till the supplies are completed. Please quote the rates in words and figures. Rates quoted should be free delivery at destination including all charges otherwise the quotation is likely to be rejected. Prices quoted for free delivery at destination will be given preference. If there is no indication regarding the FOR, in the quotation, then it will be considered as FOR destinations. Price quoted should be net and valid for a minimum period of three months from the date of opening of the quotation.
12. The rate of GST, other statutory payments etc. should be clearly indicated wherever chargeable. This office is not eligible to issue "C" or "D" Form. However, the concessional rate of GST is applicable to this Institute for Research related purchase. Exemption Certificate issued to Institution will be provided to avail GST exemption. Delivery period required for supplying the material should be invariably specified in the quotation.
13. In case your quotation is accepted and order is placed on you, the supply against the order should be made within the period stipulated in the order. The Director, MNIT Jaipur reserves the right to recover any loss sustained due to delayed delivery by way of penalty.
14. You shall indicate in the quotation the bank detail of firm, GST Number and permanent Income tax Number.
15. Failure to supply the material within the stipulated period shall entitle Director, MNIT Jaipur for the imposition of penalty without assigning any reasons @1% (One percent) of the total value of the item covered in order as penalty per day subject to a maximum of 10% (Ten percent) unless extension is obtained in writing from the office on valid ground before expiry of delivery period.
16. If the deliveries are not maintained and due to that account MNIT Jaipur is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
17. All disputes arising out of this contract shall be referred to the sole arbitration of the Director, MNIT Jaipur and his award shall be final and binding on the parties to the disputes. The venue of arbitration shall be MNIT JAIPUR, JLN Marg, Jaipur – 302 017.
18. Dispute clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at Jaipur only.
19. Our normal payment terms are 100% (hundred percent) within 30 (thirty) days on receipt and acceptance of material at our site in good condition.
20. The quotation should be duly signed by an authorized person of the firm. The name and status of the signatory should be clearly to indicated, UNSIGNED QUOTATIONS WILL BE LIABLE FOR REJECTION.
21. EARNEST MONEY: A Demand Draft/Banker's Cheque or Bank Guarantee of Rs. 33,000/- from a Commercial bank only in the name of the Registrar, M.N.I.T. and payable at Jaipur may please be sent along with your tender as Earnest Money **without which no tender shall be considered. Cheques are not accepted as earnest money amount.** No interest is paid by us on the amount of earnest money. **Kindly attached the RTGS details with cancelled cheque along with the Earnest Money.**
22. Successful Bidder has to Provide Performance security @ 10% of the equipment cost, valid for 01Year + 60 days in the form of Bank's Guarantee/DD from a commercial bank within 15 days from the date of issue our Purchase Order.

Deputy Registrar (S&P)

Sr. No.	Item Specification	Qty
01	<p>Real Time DSP Controller</p> <p>General: It must have Dual Core 2 GHz processor board DS 1302 I/O board, top pane carrier bag, CDP-MP Control Development Software package, RTI EMC_BS_USB Complier with USB dongle, Installation and Commissioning charges extra. Compact all-in-one development system for laboratory purposes. Dual-core real-time processor at 2 GHz. User-programmable FPGA. More than 100 channels of high-performance I/O. Dedicated electric motor control features. Ethernet and CAN bus interfaces. Easy I/O access via integrated connector panel.</p> <p>Processor Real-time processor: Freescale QorIQ P5020, dual-core, 2 GHz 32 KB L1 data cache per core, 32 KB L1 instruction cache per core, 512 KB L2 cache per core, 2 MB L3 cache total. Host communication co-processor: Freescale QorIQ P1011 800 MHz for communication with host PC.</p> <p>Memory : 1 GB DRAM , 128 MB flash memory.</p> <p>Boot time: Autonomous booting of applications from flash (depending on application size), ~5 s for a 5 MB application.</p> <p>Interfaces: Host interface: Integrated Gigabit Ethernet host interface. Ethernet real time I/O interface: Integrated low-latency Gigabit Ethernet I/O interface. USB interface: USB 2.0 interface for data logging ("flight recorder") and booting applications via USB mass storage device (max. 32 GB supported). CAN interface :2 CAN channels (partial networking supported) Serial interface : 2 x UART (RS232/422/485) interface LVDS interface : 1 x LVDS interface to connect with the Programmable Generic Interface PGI1. Programmable FPGA1) : Xilinx® Kintex®-7 XC7K325T FPGA.</p> <p>Analog input: Resolution and type : 8 14-bit channels, 10 Msps, differential; functionality: free running mode . 24 16-bit channels, 1 Msps, differential; functionality: single conversion and burst conversion mode with different trigger and interrupt options Input voltage range : -10 ... 10 V.</p>	01 Nos

<p>Analog output: Resolution and type :16 16-bit channels, 1 Msps, settling time: 1 μs Output voltage range :-10 ... 10 V Output current : \pm 8 mA</p> <p>Digital I/O: 48 bidirectional channels, 2.5/3.3/5 V (single-ended); functionality: bit I/O, PWM generation and measurement (10 ns resolution), pulse generation and measurement (10 ns resolution), 4 x SPI Master 12 bidirectional channels (RS422/485 type) to connect sensors with differential interfaces.</p> <p>Electric motor control I/O functionality: Separate interfaces : 2 x Resolver interface Functionality on digital I/O channels: 6 x Encoder sensor input 2 x Hall sensor input 2 x EnDat interface 2 x SSI interface. Synchronous multi-channel PWM Block commutational PWM.</p> <p>Sensor supply : 1 x 12 V, max. 3 W/250 mA (fixed). 1 x 2 ... 20 V, max. 1 W/200 mA (variable).</p> <p>Feedback elements: Programmable buzzer. Programmable status LEDs. Theft protection: Kensington® lock. Cooling: Active cooling (temperature-controlled fan). Physical connections: 4 x Sub-D 50 I/O connectors. 4 x Sub-D 9 I/O connectors. 2 x Sub-D 50 I/O connectors. 48 x BNC I/O connectors. 4 x Sub-D 9 I/O connectors. 2 x Sub-D 9 I/O connectors. 27 x spring-cage terminal block connectors with 8 pins each. 3 x RJ45 for Ethernet (host and I/O). USB Type A (for data logging). 2 x 2 banana connectors for sensor supply ,, Power supply.</p> <p>Temperature :0 ... 50 °C (ambient temperature) Power supply :100 ... 240 V AC, 50 ... 60 Hz Power consumption: 125 W</p>	
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