

No. F5(3853)ST/MNIT/Phy/2017

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M/s

NOTICE INVITING QUOTATIONS

1. Assistant Registrar (Stores & Purchase), Central Stores, MNIT, JLN Marg, Jaipur invites sealed tenders on behalf of **Registrar, Sponsord Research, MNIT, Jaipur** for the supply of **Mass Flow Meter** for **Department of Physics** of this Institute in **Single bid system**. As per schedule given below

Event	Date & Time
Download of Tender	06.09.2017
Bid submission	25.09.2017 by 2.00 PM
Quotation will be opened at	25.09.2017 at 3.00 PM
Earnest Money	Rs.7,000/- (Kindly attached the RTGS details with cancelled cheque along with the Earnest Money)

Quotation must be enclosed in a properly sealed envelope addressed to the MNIT, Jaipur with kind attention to Assistant Registrar (S&P), MNIT, Jawahar Lal Nehru Marg, Jaipur -302017 by designation and not by name. The quotations must be super scribed “Quotations for the supply of **Mass Flow Meter** ----- as called for in Tender Notice No. ----- dated -----”DUE ON----- AT -----AM/PM. The Quotation must reach on or before ---
 ----AM/ PM on or before the due date .

and time mentioned in the tender notice/tender document. The documents must be dropped in the tender box available in Central Store during office hours (9.30am to 6.00pm) on all working days. Bids delivered to any other place or any individual shall not be considered as valid document. Quotations sent by e-mail will not be considered valid. Tender documents may be downloaded from institute’s web site www.mnit.ac.in and CPPP site <https://eprocure.gov.in/epublish/app>

2. **THE RATES QUOTED SHOULD BE F.O.R. JAIPUR** inclusive of all charges e.g. packing, forwarding, transit insurance, for outside firms and free delivery at Institute stores in the case of local firms. The rates may also be quoted separately "ex-godown/F.O.R. dispatching station. In case of Ex-Godown rates, please mention your packing and forwarding charges.
3. As far as possible, quotations should be given for goods of India manufacture which are readily available. Foreign goods quoted and proposed to be supplied should be covered by normal import quota of the dealer. This institute is exempted from payment of custom duty.
4. Detailed specifications and "make" of each item should be clearly given supported by the illustrated pamphlets wherever possible. Quotations without specifying the make and other particulars may be rejected. The accessories included in the equipment should also be clearly mentioned.
5. Losses or damage in transit will be in to the account of the supplier in case of rates **F.O.R. JAIPUR**. The supplier may, if he so desires, get the goods insured and include such charges in the tendered rate.

6. The payment for the ordered items would be made after the articles have been received and found in order. **Payment will be made by RTGS. Kindly send the RTGS details and cancelled cheque along with the Invoice. The payment to foreign supplier will be made through FDD/Wire Transfer OR Letter of Credit as the case may be.**
7. Your rates should be valid at least for three months from the last date of opening of bid.
8. All legal proceedings, if necessity arises to institute may be any of the parties (Institute or Contractor/Supplier) shall have to be lodged in the courts situated at Jaipur and not elsewhere.
9. The institute is not bound to accept the lowest tender and may reject any tender or any part of the tender giving justification for such an action.
10. The rates must be quoted item-wise by giving Serial No. of our enquiry letter.
11. The quotations should preferably be sent duly typed.
12. (a) The Penalty Clause is as under :-

Should the tenderer fail to deliver the goods within the period specified in the tender form the Institute may, at its discretion, allow an extension in time subject to recovery from the tenderer as agreed liquidated damages, and not by way of penalty, a sum equal to the percentage of the value of stores which the tenderer has failed to supply for period of delay as stated below: -

(i)	Delay up to one month	1%
(ii)	Delay exceeding one month but not exceeding two month	2%
(iii)	Delay exceeding two month but not exceeding three month	5%
(iv)	Delay exceeding three month	5% for each month and part there of subject to maximum 10%

- (b) In case of failure to supply the goods within the prescribed time and in accordance with the specifications give in the Quotations, the institute shall be free to cancel the order and make purchases from the next higher tenderer or from the open market as the case may be. In that case the loss sustained by the institute shall be recovered from the defaulting supplier. The institute will be at liberty to recover the loss from the permanent earnest money/or any other pending claims of the supplier without prejudice to its general right to affect recovery from the supplier.
13. EARNEST MONEY: A Demand Draft/Banker's Cheque or Bank Guarantee of Rs. 7,000/- 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.**
14. Successful Bidder has to Provide Performance security @ 10% of the equipment cost, valid for 01 Year + 2 months in the form of Bank's Guarantee/DD from a commercial bank within 15 days from the date of issue our Purchase Order.
15. While submitting the tender, the **GST Registration No.** is to be mentioned by the bidder positively. Failing this, there bid will be treated as non responsive.
16. Specification Enclosed.

Assistant Registrar (Stores & Purchase)

Digital Mass Flow Controller Qty: 02 Nos.

Sr. No	Parameter	Specification
1	Measured and Controlled Parameter	Mass Flow-rate
2	Engineering Units	MFC should be able to indicate flow rate in multiple mass flow units including slpm, sccm, kg/hr
3	Process Gas	Same MFC should be able to control Hydrogen, Nitrogen, Carbon dioxide, Oxygen and Air flow rate
4	Ambient conditions	20 °C-40 °C and upto 80% RH
5	Control range	2 to 100% of Calibrated span
6	Operating Pressure	15 bar or better
7	Operating Temperature	0 to 40 Deg C
8	Burst Pressure	At least 1.5 times Operating pressure as mentioned in Sr.No-6
9	Flow Controller Configuration	Process gas/Flow-rate set point/Engineering units shall be selectable/configurable using push-buttons and through application software for the instrument
10	Zero and Span Adjustment	Shall be continuously and independently adjustable
11	Display	Integrated Digital Display for Mass flow rate indication with units
12	Input Power Supply	230VAC, 50Hz (with power adapter if required)
13	Calibrated Span	0 to 50 slpm for Air and equivalent flow rates for other gases mentioned in Sr. No. 3
14	Measurement Accuracy	1% of Calibrated Span including linearity
15	Repeatability	±0.25% of Calibrated Span or better for all the gases
16	Signal Output	4-20 mA or 0-5 VDC for measured mass flow-rate
17	Process connection	Suitable fittings of Swagelok
18	Material of Construction	Stainless Steel SS316
19	Calibration Test Report	5-point NIST traceable calibration report is required for the mass flow controller
20	Application software	Required to interface & configure the digital mass flow controller with Windows OS compatible PC. Necessary interface cables shall be provided by the vendor.
21	Digital Communication	RS-232/485/LAN for remote set-point command and configuration of flow controller using application software
22	External Setpoint	External Voltage or current setpoint, 0-5 VDC or 4-20 mA or both
23	O-ring and valve seats	Viton

ASSISTANT REGISTRAR

(S & P)