



**CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY,**  
(A Scientific Society, Ministry of Electronics and Information Technology, Govt. of India)  
SHORANUR ROAD, M.G. KAVU, P.O. ATHANI, THRISSUR 680 581, Kerala, India  
Tel No.: 0487 – 2201156-59; Fax 0487 – 2201347  
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**TENDER NOTICE**

Sealed Tenders (Single bid system ) are invited from either the Principal/OEM itself, or by Agent/Dealer on behalf of the Principal/OEM, for the supply, installation, commissioning and demonstration of stores mentioned below, in the tender format attached herewith (**Annexure-II**).

S.No	Brief Description of Stores	Qty	Tender No.
1	<b>Mass flow controller (Specifications as per Annexure –I)</b>	1 NO	TR/PUR/SP/037/2020
Due date of Tender	18.09.2020 at 15 .00 hrs		
Date of Tender Opening	18.09.2020 at 15.30 hrs The tender will be opened at 15.30 hrs on the date of tender opening above, at the address mentioned above		

The General terms and conditions shall be as per the Annexure –III attached herewith. Tender shall be prepared in the prescribed format.

It is requested that the quotations along with literature, if any, may please be sent so as to reach The Administrative Officer, C-MET at the address given above, on or before the due date and time. The envelope should besuperscripted with the **enquiry reference number and name of the item and date of tender opening**. Please submit your quotation **on or before 15.00 hrs on the due date**, in accordance with the terms and conditions.

**TENDERS NOT IN THE PRESCRIBED FORMAT AS PER ANNEXURE II WILL BE TREATED AS NON- RESPONSIVE & WILL BE REJECTED (Ref. Sl. No. 3 of Terms & conditions, Annexure –III)**

**All tenderers shall submit a checklist as in the attached format alongwith the technical bid**

C-MET is eligible for concessional GST/IGST rates @ 5% for Research Institutions as per Notification No. 45/2017-Central Tax (Rate) & 47/2017- Integrated Tax (Rate) dated 14.11.2017. Our GST No. is 32AAAAC0801E1ZS

Sd/-  
Administrative Officer

*" The greatness of humanity is not in being human, but in being humane." - Mahatma Gandhi*

**Technical Specifications of Mass Flow Controller**

Mass flow controllers of reputed make to monitor and control gas flow of ammonia and hydrogen gases. The mass flow controllers shall have pre-programmed calibration data stored for the above gases.

1. Gases to be used: Hydrogen and Ammonia (corrosive)
2. Full scale range: 0 to 10 sccm
3. Resolution:  $\leq 0.5$  sccm
4. Accuracy:  $\pm 1\%$
5. Operating range: 0.5 to 100% full scale
6. Response time:  $\leq 100$  msec.
7. Display: LED/LCD display
8. Sealing and lining: Sealing and lining should be compatible for corrosive gases
9. Maximum inlet pressure: less than 10 bar
10. Operating temperature range:  $-10$  to  $+40^{\circ}\text{C}$  or more
11. Power supply: Compatible power supply for smooth operation of MFC
12. Input voltage: 230V AC  $\pm 10\%$ , 50Hz
13. Calibration: Calibration certificate should be provided
14. Communication: USB/RS232 interface
15. Controls: Manual flow control to vary the flow rate between 0 to 10 SCCM
16. Warranty: Minimum one year

*Other items*

1. Operation manual in English should be provided
2. List of users in India should be supplied with the quote.
3. Training for using the system should be provided.
4. Any other item suitable for the above equipment and to be provided free of cost may also be included
5. Compliance statement of specification should be submitted along with the offer.

**\*(MANDATORY FORM)**  
**(Ref. Sl. No. 3 of Terms & conditions , Annexure –III)**  
**Tender Format**

Name of the Firm :

(Specify whether authorized agent or OEM)

Name of the Manufacturer:

Firm Registration No. (If any)		Date			
GST No.		PAN (Attach photocopy)			
Phone	Address :				
Fax					
Email					
URL					
Tender Schedule : All rates in Figures and in Words in Rupees					
Tender No. and Date					
Sr. No.	Description and Specification	Qty	Unit	Rate per unit (Rs)	Amount (Rs.)
Packing / Forwarding charges					
GST					
Total value					
Delivery Terms					
Delivery Schedule :					
Enclosed Specifications/Drawings/Special Conditions of Contract :					
Item /Tender Specific Conditions of this Tender :					
<p>I/we engage to supply the material(s) to your office and comply the following</p> <ol style="list-style-type: none"> <li>1) Item quoted has minimum 20% domestic value addition/local content</li> <li>2) Tender schedule and technical specification indicated</li> <li>3) Item/tender specific conditions for this tender</li> <li>4) Terms and conditions as per Annexure III and III (A)</li> <li>5) General conditions of contract signed by me at the time of supplier registration (for registered suppliers)</li> <li>6) I/we confirm that set off for the GST 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</li> <li>7) This offer is valid for 90 (ninety) days from the date of opening of the tender</li> <li>8) That we have not been debarred by any Government /Undertaking</li> <li>9) That the rates quoted are not higher than the rates quoted for same item to any Government/ Undertaking</li> <li>10) That the bid submitted by us is properly sealed and prepared as to prevent any subsequent alteration and replacement.</li> </ol>					
Signature & Seal Place & Date		Name of Authorised Signatory			
Address		Tel. No/Fax No/ Mobile No. Email id			

**\* TENDERS NOT IN THE PRESCRIBED FORMAT WILL BE TREATED AS NON- RESPONSIVE & WILL BE REJECTED**

**TERMS AND CONDITIONS**

1. The tender shall be submitted by either the Principal/OEM itself, or by Agent/Dealer on behalf of the Principal/OEM, but both cannot bid simultaneously for the same product in the same tender. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in the same tender for the same item/product. **When a firm sends quotation for an item manufactures by some different company, the firm is also required to attach in its quotation, the manufacture's authorisation certificate and also manufacture's confirmation of extending the required warranty for that product.** In cases where the manufacturer has submitted the bid, the bids of its authorised dealer will not be considered.
2. **Only items with more than 20% domestic value addition/local content can participate in the tender.**
3. The quotation must be in the prescribed form, which contains the declarations, furnished by Procuring Entity (C-MET) 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. The seal and signature of the authorised signatory shall be put on all the pages. **Tenderers may use the form attached or may type the same on their letter head.** Tenders not in the prescribed form will be treated as non responsive and will be rejected
4. The tender shall be **properly sealed and Name of the item, tender Reference No., and Due date shall be clearly super scribed on outer envelope.**
5. The specifications for the items quoted should be explicitly clear and all available technical literature, catalogues and other data in support of the specification of the items should be furnished along with the quotation.
6. Only one quotation should be sent in one envelope for a specified equipment/instrument.
7. Quotation should be valid for a minimum period of Ninety Days from the due date.
8. The quotation should reach **on or before 18<sup>th</sup> September, 2020 by 15.00 hrs**, to the Administrative Officer, C-MET, (Centre for Materials for Electronics Technology, Shornur Road, Mulankunnathukavu (P.O), Athani – 680 581, Kerala State, India. The bid will be opened on **18<sup>th</sup> September, 2020 at 15.30 hrs** at C-MET, Thrissur.
9. C-MET 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.
10. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organization 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.
11. 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.
12. 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.

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13. All drawings sketches and samples, if any, sent along with this enquiry must be returned along with quotations duly signed .
14. All supplies are subject to inspection and approval before acceptance. Manufacturer/supplier warranty certificates and manufacturer/Government approved lab test certificates shall be furnished along with the supply, wherever applicable.
15. C-MET reserves the right to modify the quantity specified in this enquiry.
16. **Currency of quote** : All quote shall be in Indian Rupees and the quotations other than in Indian Rupees will be treated as no-responsive and hence be rejected.
17. 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. 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.
18. In case the items in the enquiry are covered by any rate contract or running contract finalized by the DGS & D or any other state or central Government, it should be specified in your quotation and accepted contract rates should also be mentioned. It should be confirmed whether you could supply at the RC rates outside rate contract.
19. Payment of GST; **C-MET is eligible for concessional GST/IGST rates @ 5% for Research Institutions as per Notification No. 45/2017-Central Tax (Rate) & 47/2017- Integrated Tax (Rate) dated 14.11.2017.** In the case of supplier registered under GST, it is primarily responsibility of the seller and will not be paid unless the percentage value is clearly mentioned in the quotations. If no indication regarding GST is recorded in the quotation, the GST will be considered as included.
20. Delivery period required for supplying the material should be invariably specified in the quotation.
21. 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, C-MET reserves the right to recover any loss sustained due to delayed delivery by way of penalty. In case of failure to supply within the time specified in the Purchase order, a penalty/LD of 0.5% of the total value per week or a part thereof shall be levied subject to a maximum of 10% in respect of items which are not supplied. The decision of C-MET shall be final in this regard.
22. If the deliveries are not maintained and due to that account Procuring Entity (C-MET) 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.
23. Dispute clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at Thrissur only.
24. Our normal payment terms are 100% (hundred percent) within 30 (thirty) days on receipt and acceptance of material at our site in good condition.

## 25. Evaluation of Tenders

- a. All tenders are evaluated strictly on the basis of the terms and conditions incorporated in the tender document and those stipulated by the tenderers in their tenders. Tenders that do not meet the basic requirements specified in the bid documents are treated as unresponsive and ignored.
- b. Evaluation is based only on the conditions included in the tender document and any other condition will not form the basis of this evaluation.
- c. **Evaluation of eligibility/qualification Criteria:** Procuring Entity will determine, to its satisfaction, whether the tenderers are eligible, qualified and capable in all respects to perform the contract satisfactorily. Tenders that do not meet the required eligibility/qualification criteria prescribed will be treated as unresponsive and not considered further.
- d. **Evaluation of Technical Suitability:** The description, specifications, drawings and other technical terms and conditions are examined with respect to the specifications Procuring Entity. Minor exceptions/deviations may be waived provided they do not constitute any material deviation and do not have significant financial impact and, also, would not prejudice or affect the ranking order of the price bid. Exceptions/deviations should not grant the tenderer any undue advantage vis-à-vis other tenders and Procuring Entity.
- e. **Evaluation of Commercial Conditions:** The commercial conditions quoted by the Tenderer are evaluated to confirm that all terms and conditions specified in the Tender have been accepted without reservations by the tenderer. Only minor deviations may be accepted/allowed, provided these do not constitute material deviations without financial impact and do not grant the tenderer any undue advantage vis-à-vis other tenders and Procuring Entity.
- f. **Evaluation of Financial Bids and Ranking of Tenders in general:**
  - a) The financial bids of only responsive and technically accepted tenders will be opened and evaluated.
  - b) If the price bid is ambiguous so that it may very well lead to two equally valid total price amounts, then the bid should be treated as unresponsive.
  - c) Sometime certain bidders offer suo motu discounts and rebates after opening of the tender(techno-commercial or financial). Such rebates/discounts should not be considered for the purpose of ranking the offer but if such a firm does become L1 at its original offer, such suo motu rebates can be incorporated in the contracts. This also applies to conditional rebates, for example, rebate for faster payments, and so on.
  - d) Normally, the comparison of the responsive tenders shall be on total outgo from the Procuring Entity's pocket, for the procurement to be paid to the supplier or any third party, including all elements of costs as per the terms of the proposed contract, including any taxes, duties, levies etc, freight insurance etc. Therefore it should normally be on the basis of FOT/FOR destination basis, duly delivered, commissioned, as the case may be.
  - e) Unless otherwise specifically indicated as inclusive in the total price, if any of the bidders has failed to quote any cost element; such as freight, packing charge etc., the highest of the charge quoted by other parties shall be taken for comparison and ranking.
  - f) In the case of bidders who are not registered with GST, the price comparison shall be after adding reverse tax payable by Procurement entity.
  - g) In the case of goods manufactured in India or goods of foreign origin already located in India, GST and other similar taxes and duties, which will be contractually payable (to the tenderer) on the goods are to be added.

- h) As per policies of the Government from time to time, the purchaser reserves his option to give price/purchase preferences as indicated in the tender document.
  - i) Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the supplier does not accept the correction of errors, its bid will be rejected. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail
26. **Warranty clause** : The items covered under this tender, shall be covered minimum **one year** on site comprehensive warranty . The warranty shall be given by the Original Equipment Manufacturer. If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges including transporting cost both the ways.
27. **Availability of Spare Parts** : The availability of spare parts shall be ensured for period of 10 years from the date of installation.
28. On selection, he/she shall be required to provide security deposit as performance guarantee for an amount of 10% of the purchase value of the equipment(s) in the form of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from the Commercial Bank, which shall be valid for entire performance guarantee period plus 60 days, within 14 days from the date of communication Purchase Order.

Sd/-  
(Administrative officer)

Check list for Tender No. TR/PUR/SP/037/2020 dt. 20.08.2020

Sl.No	Particulars	Please put '√' mark
1	Whether submitted EMD/ Bid Security If not, whether eligible for EMD exemption	Yes/No
2	Whether valid certificate claiming EMD exemption submitted	Yes/No
3	Whether tender submitted in the prescribed format ( Either in the attached format or in the letter head )	Yes/No
4	Whether registered under GST ACT	Yes/No
5	Whether submitted in two bid system/ single bid system	Yes/No
6	Whether eligible for procurement preference	Yes/No
7	Whether warranty as required by us quoted	Yes/No
8	Whether the envelope containing quotations properly addressed, sealed and super scribed as required	Yes/No
9	Whether principal supplier/ OEM itself or Agent /Dealer of behalf of Principal/OEM	Principal Supplier/OEM or Agent or Dealer of Principal supplier/OEM
10	Whether item quoted has minimum 20% domestic value addition/local content	Yes/No

Place:

Date:

Name, Signature & Seal  
of Authorised Signatory



**MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY**

To

Centre for Materials for Electronics Technology (C-MET),  
Shornur Road, Athani P.O., Thrissur, Kerala, Pin – 680 581

WHEREAS ..... (name and address of the supplier)  
(hereinafter called “the supplier”) has undertaken, in pursuance of contract  
no..... dated .....to supply (description of goods and services) (herein after  
called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish  
you with a bank guarantee by a scheduled commercial recognized by you for the sum specified  
therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of  
the supplier, up to a total of ..... (amount of the  
guarantee in words and figures), and we undertake to pay you, upon your first written demand  
declaring the supplier to be in default under the contract and without cavil or argument, any sum  
or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or  
to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before  
presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to  
be performed thereunder or of any of the contract documents which may be made between you  
and the supplier shall in any way release us from any liability under this guarantee and we hereby  
waive notice of any such change, addition or modification.

This guarantee shall be valid until the ..... day of ....., 20.....

.....  
(Signature of the authorized officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Bank and address of the Branch