



**CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)**  
(Scientific Society, Ministry of Electronics and Information Technology (MeitY), Govt. of India)  
IDA PHASE - III, CHERLAPALLY, HCL (PO), HYDERABAD - 500 051  
Phone: +91-40-27265587, 27267006 Fax: +91-40-27261658

### **ENQUIRY LETTER**

ENQ. NO.: HD/PUR/SP-38/MGS/04/2017-18/4732

Date: 07.02.2018

**Subject: Procurement of "METAL GRANULATION SYSTEM" - Regarding.**

Due date for receipt of the quotations	27	02	2018	TIME BY:16.30 hours
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Sir,

Sealed quotations conforming to the specifications are invited for the following item(s).  
Quotation may please be submitted, keeping in view, the terms and conditions given below and overleaf, otherwise quotations will be rejected.

S. No.	Description of the item	Quantity	Specifications
01	METAL GRANULATION SYSTEM  Delivery schedule: 4 weeks	1 no.	As per 'Annexure' enclosed

### **Terms & Conditions:**

(a) C-MET is registered under Department of Scientific and Industrial Research (DSIR) and eligible for concessional GST rates @ 5% for Research Institutions as per Notification No. 45/2017- Central Tax (Rate) dated 14.11.2017. The requisite certificate for availing concessional GST Rate along with documents will be provided.

### **Note:**

- The envelope super-scribed with [a] Quotation No. [b] Due Date & [c] Description of the Item and be sent to the undersigned before the due date.
- The Technical bid & Financial bid should be in separate sealed covers.**
- The quotation should be submitted in the enclosed format only.**
- The Enquiry Letter No. & date should be clearly indicated in the quotation, otherwise quotation will be rejected.**
- Firms or their authorized representatives are requested to attend the opening of Combined/Technical bids after closing time i.e. on **28.02.2018 at 1200 hours**. If there is any delay in opening of technical bids will be intimated to all bidders.
- These details are also available in our website: <http://www.cmet.gov.in>

Thanking you,

Yours faithfully,

 7/2/2018

(G.K.VENKATESAN)

Administrative Officer

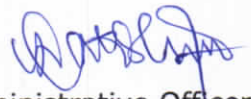
[venkatesan@cmet.gov.in](mailto:venkatesan@cmet.gov.in)

Encl.: As above.

TO

**Specific terms and conditions to the tender:-**

1. Please submit the Technical Details/Catalogue/Data Sheets.
2. The offer should be valid for a period of 90 days from the date of opening of Tender.
3. **Please send the quotations ONLY in 'SEALED COVER' indicating our tender enquiry No. and due date by Hand/speed post/courier so as to reach us on or before the due date & time. C-MET will not be responsible for any postal delays.**
4. **E-Mail/fax quotations 'WILL NOT BE ACCEPTED'.**
5. **All Tax invoices shall invariably bear your GST Registration No. (GSTIN) and the applicable GST rates. In the absence of which, the invoice(s) shall not be processed for payment.**
6. Our standard delivery term is FOR, C-MET. In case any vendor offers delivery term of Ex-works, Packing and Forwarding charges if any should be indicated separately either as a percentage of the quoted rate or as a Lumpsum amount.
7. We are exempted from the payment of Customs Duty as per Notification No. No. 51/96-Customs dated 23.07.1996 and necessary exemption certificate shall be issued upon request.
8. Our standard payment term is 100% within 30 days for indigenous orders and sight draft for foreign orders. Firm should provide Bank details for RTGS remittance.
9. **Liquidated Damages: - The delivery period quoted should be realistic. The delivery period so quoted and mentioned in the order is the essence of the order/contract. In case of delay in delivery of material as per the delivery schedule, Liquidated Damage @ 0.5% per week or part thereof on the undelivered portion subject to a maximum of 10% of the contract value shall be levied. Wherever, installation and commissioning is also involved, the supply will be deemed to have been completed only when the entire stores is supplied, installed and accepted.**
10. **Security Deposit:-** Wherever the offer value is Rs. 5.00 lakhs or above, the successful tenderer should submit Security Deposit@10% of the order value by way of Bank Guarantee /FC Receipt. The Bank Guarantee shall be obtained from any Scheduled Bank on Rs. 200/- Non Judicial Stamp paper and should be valid beyond 2 months from the completion of all contractual obligations.  
**Note: Clause NO. 9 & 10 are mandatory and offers of the vendors who have not agreed for the above conditions will be excluded from the procurement process. Micro and Small Vendors are not exempted from the submission of Security Deposit.**
11. In order to avail of the benefits extended to by Govt. of India to the Micro and Small Sectors, please submit attested copy of the valid Entrepreneur Memorandum Part-II signed by the General Manager, District Industries Centre/ Udyog Adhar / NSIC Registration Certification along with your offer.
12. If any bidder submits forged / false document along with the tender, offer of such vendors will be summarily rejected and such bidders will be blacklisted for all future tenders.
13. Wherever samples are required to be submitted along with the quotation, offer without sample will not be considered.

  
Administrative Officer  
C-MET, Hyderabad

SIGNATURE OF THE BIDDER WITH DATE AND ROUND STAMP AS TOKEN OF ACCEPTANCE OF TERMS AND CONDITIONS



CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)  
HYDERABAD

ANNEXURE

**Specifications of Metal Granulation System**

Metal cutting/granulation system is required for conversion of Zinc ingot into less than 3 mm diameter shorts/pellets. The system should consist of i) Vacuum chamber, ii) Vacuum unit, iii) Furnace and electrical control panel with following specifications.

- i) Vacuum Chamber
  - Material: SS 304
  - Size: ID 300 mm x Height 350 mm x wall thickness 5 mm
  - Top removable cover with control rod in the centre
  - Four ports shall be welded to the chamber
    - a) Vacuum port:  $\phi$  40 mm x 100 mm L
    - b) Power port:  $\phi$  100 mm x 50 mm L
    - c) View port:  $\phi$  50 mm x 75 mm L
    - d) Thermocouple:  $\phi$  15 mm
  - e) A platform (50 mm thick) shall be welded to the chamber for taking the load of graphite assembly
  - f) An insulation board (50 mm thick) shall be provided on the top of the platform
- ii) Vacuum Unit
  - a) Vacuum pump: Oil sealed double stage rotary pump. Capacity: 150 LPM
  - b) Vacuum measurement: Digital Pirani gauge and gauge head
  - c) Isolation valve (Manual) with interconnecting SS Bellow
- iii) Furnace and electrical control panel
  - Furnace power: 3 kW at 75 V and 40 A
  - PID temperature controller for controlling the furnace temperature
  - K-type Thermocouple for temperature measurement
  - Control Panel: main MCB, Control switches & indicating lamps, vacuum pump ON/OFF, etc.

**Scope of work: Fabrication, testing, erection and commissioning at C-MET, Hyderabad**

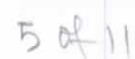
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**SPECIAL NOTES:**

- i) Please refer attached figure for schematic representation.
- ii) The party shall submit schematic (dimensional) drawing representation of the system offered along with the quotation.
- iii) Party shall furnish details of electrical safety of all instruments, earthing of control panel.
- iv) Party shall mention the services required for installation and smooth operation
- v) The party shall agree to minor modifications in the system, if necessary without any extra cost to C-MET.
- vi) The party shall give the details like welding, testing of joints, vacuum leak certificates, all bought out items etc.
- vii) Instruments / Equipments /Components and all the materials, supplied against the order must be provided with three years (36 months) (1 year + 2 years additional warranty) warranty against manufacturing and functional defects and the date of warranty / guarantee shall commence from the date of installation / commissioning.
- viii) Two sets of operating and maintenance manuals, Instruction manuals, drawings, parts list, catalogues of bought out items, component layout, circuit diagrams, trouble shooting charts, along with assembly layout shall be furnished along with the supply (Hard and soft copy).
- ix) C-MET will provide Crucible, lid, rod and pin made up of graphite.

### SCHEMATIC REPRESENTATION OF Metal Granulation System



**CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)  
HYDERABAD LAB**

**CHECK LIST**

**Documents to be submitted alongwith Techno-commercial bids  
(Technical Bid)**

1. Acceptance of terms & conditions of tender
2. Signed copy of tender enquiry
3. Price reasonability certificate
4. Bid form and Price schedule with commercial terms but without **PRICE**
5. Previous experience details alongwith documents like PO/WO etc
6. Undertaking and declaration
7. Technical compliance statement with/without deviation
8. Technical brochure of the Product offered or drawings

**Documents to be submitted alongwith Commercial bids  
(PRICE BID)**

1. Price bid as per Bid form and Price schedule

**NOTE:**

**SUBMISSION OF COMBINED BID OR DISCLOSURE OF  
PRICE IN THE TECHNICAL BID WILL NOT BE  
CONSIDERED/DISQUALIFIED.**



To,

Date:

The Administrative Officer  
C-MET, IDA Phase III  
Cherlapally,  
Hyderabad 500 051

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No. \_\_\_\_\_ dated \_\_\_\_\_

Name of the Tender/Work: - Award of contract for supply of \_\_\_\_\_

Sir/Madam,

I/We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/Work' for the web site(s) namely:

\_\_\_\_\_ as per your advertisement, given in the mentioned website(s)/enquiry letter.

2. I/we hereby certify that I/we have read the entire terms & conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like Annexure(s), schedules(s), etc.) which form part of the contract agreement and I/We shall abide hereby by the terms/conditions/clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/organization too have all been taken into consideration, while submitting this acceptance letter.

4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document (s)/Corrigendum(s) in its totally/entirely.

5. In case any provisos of this tender are found violated, then your Department/Organizations shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

Authorized Signatory

7 of 11

**(in the company letter head)**

**PRICE REASONABILITY CERTIFICATE**

It is certified that the rates quoted \_\_\_\_\_ are not more than as charged to other Govt. /PSU's for similar supplies made in recent past. Copies of the supply orders received from other Govt/PSU's are enclosed alongwith the technical bid.

Signature of Tenderer\_\_\_\_\_

Name\_\_\_\_\_

Business Address\_\_\_\_\_

Seal of the Tenderer\_\_\_\_\_



**(in the company letter head)**

**BID FORM AND PRICE SCHEDULE**

Tender Reference No. : ENQ. NO.: HD/PUR/SP-38/MGS/04/2017-18  
Date: .02.2018

Name of the Stores/  
Goods/Equipment METAL GRANULATION SYSTEM

Sl. No.	Description	HSN/ SN CODE	Qty.	Unit Price	Amount/ Rs
1	METAL GRANULATION SYSTEM				
	Freight charges				
	Insurance				
	Installation charges				
	Taxable value				
	GST				
	<b>GRAND TOTAL</b>				

1. Payment Terms:
2. Bid Validity:
3. Delivery Schedule:
4. Place of delivery:
5. Warranty, if applicable:
6. GST Registration No.
7. Any other relevant information:

Signature of Tenderer \_\_\_\_\_  
Name \_\_\_\_\_

Seal of the tenderer \_\_\_\_\_

SIGNATURE OF THE BIDDER WITH DATE AND ROUND STAMP AS TOKEN OF  
ACCEPTANCE OF TERMS AND CONDITIONS

**(in the company letter head)**

**PREVIOUS EXPERIENCE DETAILS**

Sl. No.	Name of the Organization	Contact person Name, telephone / mobile no., fax, e-mail	Date of Supply	Quantity	Remarks

Signature of Tenderer \_\_\_\_\_

Name \_\_\_\_\_

Seal of the tenderer \_\_\_\_\_

(TOBE SUBMITTED ALONG WITH TECHNICAL BID)

(IN THE COMPANY LETTER HEAD)

### UNDERTAKING/ DECLARATION

I/We having our office at .....  
declare that I/we have never been blacklisted by any State Government/Central Government or any State/Central PSU/Autonomous Bodies.

2. I/We, ..... hereby declare that the particulars furnished by me/us in this offer are true to the best of my/our knowledge and I/We understand and accept that, if at any stage the information furnished by me/us are found to be incorrect or false, I/We am/are liable for disqualification from this tender and also liable for any penal action that may arise due to the above, besides being black listed.

3. I/We ..... hereby accept to provide warranty/ guarantee and Free Service for a period of 3 years from the date of supply/ installation of the materials.

5. I/We ..... of .....  
hereby agree on the acceptance of this tender by Director, C-MET to ....., in accordance with the terms and conditions of contract and at the rates or price specified in financial bid (BOQ).

6. This is also certified that the rates quoted in the financial bid are not more than the rates charged from any other Institution/Department/ Organization in the last six months. No Other charges would be payable by the Laboratory.

7. I/We ..... have gone through the terms and conditions and will abide by them as laid down above. I hereby undertake that the information provided above and elsewhere in the tender is true and the tender is liable to rejection if the same is found to be false or the information is found to have been suppressed by me.

Name & Signature of the Supplier/Contractor/  
Authorized signatory with Official stamp/seal