



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

TENDER NOTICE

Sealed Tenders are invited in two parts; technical bid and financial bid, from the reputed Indian / foreign manufacturers/ authorized distributors / authorized dealers OR their authorized Indian Agents for the supply of stores mentioned below :-

Sl No	Tender No	Brief description of Stores	
1	TR/PUR/SP/011/2017	Permanent Magnet Assembly (As per Specification attached at Annexure –III)	1 No each

The General terms and conditions shall be as per the **Annexure -I , and II** attached herewith

The technical and financial bids shall be kept in separate covers and put in a single cover super scribing the **enquiry reference number and name of the equipment**. 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 of 13th July, 2017. The technical bid will be opened at 11.30 a.m. on 14th July, 2017, at C-MET, Thrissur.

Sd/-
ADMINISTRATIVE OFFICER

ANNEXURE –I
TERMS AND CONDITIONS

1. 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.
2. Only one quotation should be sent in one envelope for a specified equipment/instrument.
3. Quotation should be valid for a minimum period of Ninety Days from the due date.
4. The quotation should reach **on or before 13th July, 2017** , to the Administrative Officer, C-MET, (Centre for Materials for Electronics Technology, Shornur Road, Mulankunnathukavu (P.O), Athani – 680 581, Kerala State, India super scribing **Quotation for Permanent Magnet Assembly**. The Technical bid will be opened on 14th July, 2017 at 11.30 a.m at C-MET, Thrissur
5. It should be specifically mentioned whether the price quoted includes all taxes and duties. Sales Tax and / or other duties and levies where legally leviable and intended to be claimed should be distinctly shown separately in the tender.
6. Short listed vendors may be called for discussion at C-MET, Athani, Thrissur, before placing order.
7. C-MET takes no responsibility for delay, loss or non-receipt of quotations / documents send by post and reserve the right to accept or reject any party of the tender without assigning any reasons.
8. Corrections if any, must be attested. All rates shall be indicated both in words as well as in figures. Where there is a difference between rates quoted in words and figures, rate quoted in words will prevail.
9. The authority of the person signing the tender, if called for, should be produced.
10. Terms and conditions for the contract to be signed for the supply of items should be provided along with the quotation.
11. Tenders should submit along with their quotation, details of similar equipment /machineries supplied to Scientific / Technical Institutions during the past 3 years in India and the reference to that effect may be clearly mentioned.
12. Delivery period of the items quoted should be clearly mentioned and shall be delivered within the period specified in the P.O
13. Packing, forwarding and handling charges, etc., if any, to be quoted separately.
14. Payment shall be made only after receipt and inspection of the item.
15. We won't be able to provide "C" forms. Hence quote for the taxes actually leviable.

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16. We are exempted from Excise Duty as per Notification No. No: 10/97- Central Excise Dated 1st March, 1997 & No. 16/2007- central Excise dated 1st March, 2007 respectively
17. **Warranty clause** : The items covered under this tender, shall be covered minimum **one year** on site comprehensive warranty . 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
18. 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 Nationalized bank, which shall be valid for entire performance guarantee period plus 60 days.
19. Additional terms and conditions will be incorporated in the purchase order, if needed, to safe guard the interests of the C-MET
20. C-MET reserves the right to accept / reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.
21. Out of total contract/ purchase price, 90% of the amount will be paid on satisfactory installations. Balance of 10% of the amount shall be retained as Security Deposit, towards satisfactory performance of the equipment, and which may be released on submission of a performance Bank guarantee (obtained from Nationalized Bank of India) for the 10% of the total contract/ purchase value.
22. In case of any dispute in respect of the tender, all legal matters shall be instituted within the jurisdiction of the place where the item is installed.
23. Timely supply of the ordered items, installation, commissioning (wherever applicable) and training etc., is the essence of the contract. 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.
24. The offers will not be considered if received after the bid closing date and time.
25. The offers received through telex / tele-fax / e-mail will not be accepted by the C-MET under any circumstances.

Sd/-

(T.K. Anil Kumar)

Administrative Officer

Specific Conditions for quoting Foreign Equipments (Import)

1. **Duty Exemption** :Centre for Materials for Electronics Technology (C-MET) has been granted the benefit of exemption from the payment of the Central Excise Duty and Customs Duty by the Department of Scientific and Industrial Research (DSIR), Govt. of India, vide their Notification No.10/97 - Central Excise Dated 1st March, 1997 & No. 16/2007- central Excise dated 1st March, 2007 and 51/96 –Customs dt. 23rd July 1996 & No. 24/2007 – Customs dt. 1st March 2007 respectively, in respect of
 - a) Scientific and technical instruments, apparatus, equipment including computers.
 - b) Accessories and spare parts of goods specified in (a) above and consumables.
 - c) Computer software, compact disks, CD ROM, Recording magnetic tapes, microfilms, micro-chips etc.
 - d) Prototypes.Hence, the bidders should take into consideration about this facility of C-MET while quoting for the advertised scientific equipments.
2. The offer must be in English. The rates should be indicated both in figures and words against item specified in the given table. It is preferable that the price be quoted in Rupees or in US Dollars or in major foreign currencies.
3. All quoted prices in foreign currencies are to be converted into Indian Rupees, as per the selling exchange rates established by RBI as prevailing on the date of tender opening.
4. The total cost should be quoted for FOB as well as for CIF, Cochin/CIP, C-MET, Athani, Thrissur
5. The price quotes under FOB and CIF/CIP should also include the cost of installation in C-MET Laboratory, demonstration by an experienced engineer. The quoted price should also inclusive of cost of consumables which are required for the main equipment for initial operation, up to a reasonable period.
6. In case, C-MET is offered and accepted the FOB or CIF/CIP price, the customs duty payable in India will be on C-MET account.
7. Wherever the CIF/CIP price is approved and a supply order is issued on this basis, the equipment will be cleared by C-MET from the concerned port, through the authorized clearing agent and the supplier should take delivery from the clearing agent of C-MET and should take responsibility for local transportation, insurance and installation at site.

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8. In case of the Principal supplier of Foreign country is unable to meet any of the conditions stated at the preceding paragraphs, the local agent / dealer should fulfill the above said conditions especially, in respect of Local Insurance, Freight, safety transport and installation, etc.
9. For the imported equipments, normally a letter of Credit will be opened for 100% FOB price on receipt of order of acknowledgement. However, 90% of the LC amount will be paid on proof of the shipment of the consignment with necessary documents to be detailed at the time of placing of the purchase order.

Balance of 10% of the LC amount shall be released after receipt of **a performance bond of 10% of the total contract / purchase value in the form of bank guarantee covering the warranty period, obtained from a bank which has its office in India.**

10. Bank charges in India shall be borne by the purchaser and outside India shall be borne by the contractor / supplier.
11. No Agency commission will be paid to any authorized agent in India.
12. The training should be provided by the supplier on the specimen and operation of the equipments for a minimum period of two weeks from the date of installation with an expert team.
13. The bidder from abroad shall obtain, if required, export permission from the appropriate authorities in his country or the country of origin for items to be shipped to India. C-MET shall provide necessary information if required for this purpose.
14. Part shipment will not be accepted.
15. **Electrical power input:**All equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.

Sd/-
(T.K. Anil Kumar)
Administrative Officer

Magnet Assembly

We would like to procure two types of magnetic assemblies (1 & 2 AS SHOWN in the DRAWING) for creating a high magnetic field while an experiment is performed. The purpose is to align magnetic dipoles of the magnetic material used in the experiment. The magnets will be placed both sides of the experimental set up of size 200 x 200 mm facing or parallel to the experimental setup for getting a high field to the setup. The experimental setup will be a stainless steel die & punches filled with magnetic material in a thermolaminating press. The size of the experimental set up would be approx. 200mm between the magnets i.e. the magnets will be separated by ~200mm so that the experimental setup can be placed in between to have a high magnetic field. Sometimes temperature would go a maximum of 200DegC for 1hr. A schematic drawing of the assembly is attached.

Specification of the magnet assembly:

Material: Samarium Cobalt or Neodymium Iron Boron Magnets (quote for both grades giving maximum energy product (BH Max): 25-30 MGOe or $\sim 220\text{KJ/m}^3$). PTFE/Synthanum sheets or equivalent is to be used as insulating material at the bottom of the assembly to prevent heat conduction from heater platen of the press. High quality Stainless steel (SS316) should be used for the assembly and to be machined to good finish with no airgap to avoid magnetic flux leakage.

Corrosion resistant coating with Nickel-Copper-Nickel

Size: Assembled condition as given in the drawing. Assembly should be air gap free and ensure that magnetic field is concentrated and almost evenly distributed in the required area of 150 x 150mm in the experimental setup. The magnet needs to be assembled into a SS316 hollow rectangular section (100mm x 50mm x 80mm) of minimum 3mm thick with sufficient reinforcement to bear the weight, temperature etc. In order to prevent conduction heat to the assembly, bottom of the assembly should be fixed to blocks of high temperature withstanding, thermally insulating material such as PTFE/synthanum or equivalent. For assembly 2, three additional tapped holes (M12 x 75mm) are required to fix the assembly on to our press.

