

**Government of India**  
**Bhabha Atomic Research Centre**  
**Ion Accelerator Development Division**

**Ref. no. IADD/RA/2018/OPA/23240**

**Date:08/02/2018**

**Contact no-022-25596393**

**Subject: Invitation of Quotations for “Fabrication of copper drift tubes and sleeves”**

1. Quotations are invited for the minor fabrication job as per the enclosed technical specifications. Tender will be processed in two parts. Supplier shall submit the technical offer and commercial offer in two separate envelopes. (Please note that technical offer shall have no commercial clauses. In case supplier fails to observe the same, its offer will be summarily rejected).
2. Supplier will have to demonstrate fabrication drift tube main body as per drawing ref no-14013/01/05/203. Note: BARC will not pay/reimburse any expenses towards fabrication/inspection of demo DT.
3. Technical and commercial bids have to be submitted by 05/03/2018. Technical bid should have with a) Documents showing prior work experience with OFE copper. b) Machining and operator details c) Report of demo DT.
4. Demo DT inspection report being submitted in technical envelop will contain CMM report against each and every geometric tolerance specified in the ref. 14013/01/05/203. Failure to provide comprehensive inspection report shall lead to disqualification of the offer.
5. **It should be noted that all machining has to be done only on CNC machine, since it is a high precision job. Machining accuracies must conform to the values mentioned in table no.4 (component machining accuracy: 5-20µm and surface finish: 0.4 µm Ra). Any deviation from those values will result in rejection. Use of non-CNC machine will result in rejection.**
6. BARC will have the right to witness CMM inspection of the demo DT. Vendor may have to arrange it again after the technical offer submission.
7. Demo DT material can be any commercially available variant of pure copper. No FIM will be issued for this.
8. Taxes shall be quoted separately. Form AF/H if required shall be provided.
9. The quotation must reach Head, IADD, Van-de-Graff Bldg, BARC before due date given above and must be sent in a sealed envelope superscribed with the reference number.
10. The quotations and the envelopes must be addressed to:

**Head**  
**Ion Accelerator Development Division,**  
**Van-de-Graff Bldg, BARC**  
**Trombay - 400085**
11. The bidder should furnish the GST, PAN and TIN numbers in their quotations without which the quotation will be rejected.
12. The bidder shall take a comprehensive insurance policy against any material issued to him by the purchaser.
13. The fabrication work shall be subject to inspection by our representative. The finished components shall not be dispatched prior to the approval by our representative at the suppliers' site. Necessary inspection facilities as per the technical specification document have to be provided at the supplier's site.
14. The bidder shall deliver the finished components after inspection and approval by our representative within 3 months from the date of Work Order issued to the bidder. The finished components and the scrap from the free issue material shall be delivered by the bidder at Van-de-Graff Bldg, BARC.
15. Compared to the drawing 14013/01/05/203, the actual DTs will be longer as shown in table 1. Some minor changes are also there which vendor need to

**Inquiry**

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discuss before actual fabrication & prepare 3D model/ engg drawing of all components.

16. In case any further clarification is required, the bidders may contact at phone no. 25596393