

Government of India
Bhabha Atomic Research Centre
Advanced Technology Systems Section

Ref: ATSS/E&IG/18/60

Date: 09/05/2018

Sub: Fabrication, Testing and Supply of Pure D2 gas cylinder (10Ltr. @ 20bar) as per per Annexure 1 attached.

Dear Sir/Madam,

1. Quotations are invited for the "Fabrication, Testing and Supply of Pure D2 gas cylinder (10Ltr. @ 20bar) as per per Annexure 1 attached."
2. Bidder shall quote for fabrication and supply of parts along with material.
3. Taxes and Excise Duties shall be quoted separately. Form AF / H whichever is applicable shall be provided, if required.
4. The quotation must reach by Speed post to The Head, Advanced Technology Systems Section by 23rd May, 2018 and must be sent in a sealed envelope super scribed with the reference number & the due date given above.

The address on the envelop should read:

Head, ATSS, E&I Group,
ESC Bldg., North Site
BARC, Trombay,
Mumbai - 400 085.

(Attn: Mr. R.K. Sharma, Ph.: 022 25591811)

5. The testing shall be witnessed by our engineer. The tested components shall not be dispatched prior to approval by our engineer at bidder's premises. Necessary inspection facilities shall be provided to our engineer during fabrication at bidder's premises.
6. The bidder shall deliver the finished components after approval by our engineer within 2 months from the date of firm work order issued to the bidder. The finished components shall be delivered by the bidder at ATSS, E&I Group BARC, Trombay, Mumbai - 400 085.
7. Head, ATSS, E&I Group reserves the rights to accept / reject any or all quotations without assigning any reason.
8. Delivery charges if any must be clearly mentioned in the offer. Quotation must also indicate the validity of offer. Quotation must also indicate the GST no and PAN no of the party.
9. Drawings / Sketches must be returned along with the offer.
10. The quotation has to be signed by authorized person with company seal.
11. Payment will be made by cheque only after satisfactory completion of work on production of bill, delivery challan and advance stamped receipt. It may be noted that IT @ 2% and surcharge on tax at 15% shall be deducted from your bills.
12. Part supply is not acceptable.
13. Job should be guaranteed against material and manufacturing defects for 1year from the date of supply.

Encl.: Annexure - 1

(R. K. Sharma)
SO/F, ATSS, E&IG, Indenting officer

(R. K. Sadhu)
Head, ATSS, E &I Group

Scope of work
(Annexure 1)

Fabrication, Testing and Supply of Pure D2 gas cylinder (10Ltr. @ 20bar) as per following details-2Sets:

1. Deuterium Gas Purity: 99.995%

Isotopic purity: 99.96 atom % D

Gas content: 200 Litres

2. Cylinder: around 10 Liters W.C. (C.S.), on outright basis

3. Regulator: S.S. Two stage; Inlet pressure:0-25bar, Outlet pressure:

0-7 Kg/Cm²; outlet connection: 1/4" Swagelok with nut & ferrule

Note: (i) Suppliers/ Contractors should send the quotation, who has past experience in D2 gas Handling and its related work done with DAE or any other Govt. Institute.

(ii) Any modification in design and material is acceptable (with prior approval from Indenting officer) and it will be in suppliers scope to ensure the above pressure and purity of the D2 gas with certificate.

(iii) Supplier will take approval for drawings before actual fabrication work starts.

(iv) All the components should be properly cleaned and assembled as per specifications.

(v) Supplier should inform before final delivery for Pre despatch Inspection.