

Government of India  
Bhabha Atomic Research Centre  
**Process Development Division**  
Nuclear Recycle Group

Ref: PSDD/MAR/2017/ 08

Date: 2/8/ 2017

**Sub:** Fabrication and supply of quartz apparatus with standard joint connectors

Dear Sir,

You are requested to submit your quotation in sealed envelope for the above mentioned job to be carried out at your premises and supply to BARC North Gate. The reference no. given above should be clearly mentioned on the sealed envelope.

Quotation shall be complete in all respects with regard to specifications, validity of offer etc., and must reach the following address through **speed post only on or before 25 /08/2017 by 14:00 hr and will be opened at 15:00 on the same day in presence of the nominated officer of PSDD.**

**Manjula A Rao**  
SO/E, PSDD,  
Room no. 120, ETP,  
BARC, Trombay, Mumbai-400 085  
Tel: 022-25594128

**Brief Description of Work:**

Fabrication and supply of quartz apparatus with standard joint connectors as per enclosed specifications

**Notes:**

Due consideration shall be given to the following aspects while you submit your offer:

1. The offer shall be valid for a period of 45 days from the date of opening.
2. The price shall remain firm during the above mentioned period.
3. The contractor shall arrange all equipment and personnel required for the successful completion of the work and the department will not release any free-issue material
4. Taxes, duties and other charges applicable, if any, shall be indicated separately.
5. Payment will be made after completion of work.
6. Work is to be completed as per the enclosed specifications.

Encl: specification (1page)

Yours sincerely,  
Manjula A Rao, SO/E, PSDD, NRG

## Technical specifications

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**Nature of Works:** Fabrication of quartz apparatus with standard joint connectors as per specifications

**1. The vendor scope of the work covers: Fabrication of the following materials and supply at BARC North gate**

**(A) Quartz bottle with B 50 socket – 15 Nos**

Total height (including standard joint) : 15cm (approx)  
Tube ID : 5.3 cm (approx)  
Tube OD : 5.8 cm (approx)  
Socket size : B-50  
Material : Quartz

**(B) Quartz cone (B-50) with bend tube and B14 socket – 5 Nos**

Cone size : B50  
Total height upto bend tube : 12 cm (approx)  
Socket at the end of bend tube : B 14 socket  
Length of the bend tube : 6 cm (approx)  
Material : Quartz  
Hand drawings are representative only

**2. WORK PROCEDURES:**

The complete job is to be carried out at supplier premises and deliver the material at North Gate BARC.

**3. SAFETY RULES:**

Vendor should take care of safety and security while Fabrication of material at site. Any mishap occurring on the job due to unsafe work practice shall be vendor's liability.

**5. COMPLETION PERIOD: 30 days after release of work order.**

**7. COMPENSATION FOR DELAY:** In the event of grant of extension of time, the government shall be entitled to recover at its discretion from the vendor/contractor agreed liquidated damages at ½% (half percent) per week of the total value of the work in areas subject to a ceiling of 10% of the total value of the contract whether any loss is suffered by the government on account of such delay or not.

Manjula A Rao  
SO/E, PSDD, NRG

