

**Government of India  
Bhabha Atomic Research Centre  
Food Technology Division**

**Dr. S. K. Ghosh  
Head, FTD, BARC**

**Date: 31/10/2018**

**Ref: Sub: Minor Fabrication work**

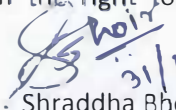
Dear Sir,

Quotations are invited from suitable and eligible bidders for the following work as per following details.


Sr. No	Name of items	Qty
1.	Design, Fabrication, Installation and warranty of a multipurpose gamma irradiator working model* for demonstration at Exhibition Facility, FIPLY, BARC <b>*As per Technical Specifications</b>	01 No.

**The general terms and conditions for submitting quotations are as follows:**

1. The party shall arrange all materials & components required for the work.
2. Test certificate to be provided by the party.
3. The Party should furnish their **PAN no.** and **GST no.** along with the quotation, otherwise their quotations are liable to be rejected. Moreover, it may please be emphasized that quotation are submitted on printed letter heads.
4. Quotation must reach **Head, Food Technology Division by 30<sup>th</sup> Nov, 2018 before 16.30 hrs** and should be sent in a sealed envelope superscripted with the above reference number and due date. Tenders will be opened on **3<sup>rd</sup> Dec, 2018 at 11.00 am**
5. The address on the envelope should read: **Head, Food Technology Division, Bhabha Atomic Research Centre, Trombay, Mumbai – 400085. Attn: Shraddha A Bhoir.**
6. The party will get the design approved by the indenting/executing officer before commencing the fabrication work.
- 7. The party must offer warranty on the fabricated system for satisfactory performance for a period of not less than 12 months.**
8. No advance payment in full or in part will be admissible and payments will be made only after completion of fabrication, assembling and commissioning of the job.
9. The offer shall clearly indicate the **time required for completing the entire work, taxes or levy, if any. The offer shall be valid for a minimum period of 60 days from the date of opening the tender.**
10. The goods proposed to be fabricated based on this NIT (Notice Inviting Tender) is meant for research purposes of Research Institution under the Dept. of Atomic Energy, and therefore, the prices to be quoted for the product should be exclusive of the excise duty. The purchaser will make available to the successful bidder with whom a work order is placed the excise duty exemption certificate duly signed by the authorized officer in the Dept. of Atomic Energy well before the dispatch of the goods by the supplier. While submitting the offer, the bidders should specify in his offer that the price quoted by him does not include any element of excise duty, subject to production of exemption certificate. Where however, the prices quoted are inclusive of excise duty, the percentage/quantum of Excise included in the quoted price should be specifically indicated in the tender.
11. The acceptance of quotation will rest with **Head, Food Technology Division, BARC**, who does not bind himself to accept the lowest or any quotation and reserves to him the right to reject any or all quotations received without assigning any reason whatsoever.

  
31/10/18  
Shraddha Bhoir,  
Indenting Officer,  
FTD, BARC

DR. V. P. Venugopalan,  
Associate Director, BSG

  
डॉ. वि.पि. वेणुगोपालन/Dr. V. P. VENUGOPALAN  
सेई-निदेशक (अ), जैव-विज्ञान वर्ग एवं  
ASSOCIATE DIRECTOR (A), BIO-SCIENCE GROUP  
भौमा परमाणु अनुसंधान केंद्र /BHAABHA ATOMIC RESEARCH CENTRE  
भारत सरकार /GOVERNMENT OF INDIA  
ट्रॉबे, मुंबई-400 085/TROMBAY, MUMBAI-400 085.

### Technical Specifications:

#### Multipurpose gamma irradiator working model:

#### Technical Specifications:

**MODEL SCALE :** 1:15

**MODEL BASE :** 1000 x 950 mm max.

**MODEL AREA :** 15 X 14 M max

**MATERIAL:** Model should be made from durable material such as plastic, ABS, and molded standard items.

**MODEL BASE:** Model should be mounted on a base made of seasoned plywood adequately supported frame all around and created dummy floor of 100 mm ht. (+/- 0.0 level).

**CONSTRUCTION:** The entire model should be mounted on 0.0 level showing the main plant area (15M X 15M X 15M ht) approx. with cut sectional view showing internal details of source, travel path, top channel support etc. with various machinery's on the top of the plant. (**Note:** This also should cover the radioactive source frame with product carriers. A separate control panel and other details true to scale should be shown. A title should be shown suitably.)

**WORKING EFFECT:** Source, Conveyer system should be motorized. Lighting should be with electrical mechanism. Model should be shown with source, upward and downward movements with peculiar to music system as in the plant designed by ISOMED. Model should enable the visitors a very clear idea of the exact operational system.

**SHOWCASE:** Acrylic dust proof showcase should be provided to the entire model.

**Note: Supply and Installation: The model should be packed, transported and installed at Exhibition Facility, FIPLY, BARC, Trombay, Mumbai.**

*S. Hoily*  
31/10/18.