



भारत सरकार  
परमाणु ऊर्जा विभाग  
GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY

Bhabha Atomic Research Centre  
Isotope & Radiation Application Division

**Head, IRAD,**

EBPS, ILU - Electron Beam Accelerator Facility,  
REPF Hall, BARC-BRIT Complex,  
Sector-20, Vashi,  
Navi Mumbai; Pin: 400703, Maharashtra, India  
Ph. 91-22-27887341-3  
Fax: 91-22-27840022

Limited Tender

Ref. : IRAD/EBPS/31/2022/06/03

Date: 08/06/2022

To,

**Sub:- Supply, Fabrication, Painting, Servicing, Repairing and Installation of M S Safety Guard For UPS Battery, Epoxy painting for power roller conveyor Equipment etc. at Electron Beam Accelerator ILU-EBA Facility at REPF workshop, BARC-BRIT Vashi complex, Navi Mumbai.**

Dear Sir,

1. Quotations are invited for the fabrication / repair job, as per the above specifications. Supply, Fabrication, painting, Servicing and Installation of equipment at Electron Beam Accelerator ILU-EBA Facility.
2. Bidder shall quote for fabrication of these components with his own material.
3. The quotations must reach, **E B P Section, 27<sup>th</sup> June, 2022** and must be sent in a sealed envelope super scribed with the above reference number and due date & by **Indian Postal Service Only**.
4. The address on the envelope should read: **Head, EBPS, I R A Division, REPF Hall, ILU- EBA Facility, BARC-BRIT Vashi Complex, Sector 20, Vashi, Navi Mumbai 400 703**  
**Attn: Shri S A Khader, OIC (ILU-EBA)**
5. The bidder shall have to take an insurance against any material issued to him by the purchaser.
6. Copies of PVC for their employees should be submitted for verifications.
7. The fabrication work shall be subject to inspection by our officers. The finished components shall not be dispatched prior to approval by our officers at bidder's work's Necessary inspection facilities should be provided to our officers during the fabrication at bidder's premises.
8. The bidder shall deliver the finished items / components after approval by our officers, within **Six(6) Weeks**. The finished items/components and the scrap from the issue materials if any shall be delivered by the bidder at REPF Hall, ILU-EBA Facility, BARC-BRIT Vashi Complex, Sector 20, Vashi, Navi Mumbai 400 703.



9. The party must offer warranty on the fabricated components for satisfactory performance for a period not less than six months.
10. No advance payment in full or in part will be admissible and payments will be made after satisfactory installation.
11. 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.
12. The acceptance of quotation will rest with **Head IRAD, BARC** who does not bind himself to accept the lowest or any quotation and reserves to himself the right to reject any or all quotations received without assigning any reason whatsoever.
13. Bidder shall provide PAN Number, GST Number , TIN Details should be mention in then quotation.

**Last date for receipt of quotation 27<sup>nd</sup> June, 2022 up to 14.00 Hrs.**  
**The quotations will be opened on the next working day at 15.00 hrs**

Yours faithfully,

(Dr. H J Pant)  
(Head, IRAD)

डॉ. हरीश जगत पंत / Dr. Harish Jagat Pant  
अध्यक्ष, आइसोटोप एवं विकिरण अनुप्रयोग प्रभाग  
Head, Isotope & Radiation Application Division  
भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre  
भारत सरकार / Government of India  
मुंबई / Mumbai - 400085

Copy to:

1. APO, PMD, BARC-Vashi complex. Navi-Mumbai-for kind display in Notice Board.
2. APO, BRIT, BARC-Vashi complex. Navi-Mumbai-for kind display in Notice Board.
3. Head, SIRD, BARC, Trombay, Mumbai- for kind display in BARC web site.



## Technical Specifications

**Sub:** Supply, Fabrication, Painting, Servicing, Repairing and Installation of M S Safety Guard for UPS Battery, Epoxy painting for power roller conveyor Equipment etc. at Electron Beam Accelerator (ILU-EBA) Facility.

1) Supply & Installation of

a) SCBA Stand:

i) wall mount Stand for SCBA Breathing Apparatus:-The three numbers of SCBA (self contained Breathing Apparatus) has to be mounted on wall mount stand i.e. box having size (90 cm X 60 cm x 45 cm) All three SCBA has to be fixed in control room.

ii) Electrical insulation Mats: i) (33 KV, 2.5mm, 66KV, 3mm)Blue colour

iii) Laying of SS water pipe line:

Laying of Providing two S.S. ½ " water pipe line Tap in Mezzanine Floor & in The Beam Extraction Cell Area ground Floor Also Both Of Above Drain pipe line:-It has to set up SS, ½" pipe line and one SS tap from outside the ILU-EBA material handling area approx. 50 meter. Long and one for mezzanine floor and other for ground floor in beam extraction window, Also for both the above pipeline it required SS 1" Drain pipeline from mezzanine floor and one from ground floor

2) Fabrication of M S Safety Guard for UPS Batteries:

Dimension= (1Mtr. X 2Mtr. X 2.5 Mtr.)

3) (a) Painting of Power Rollers conveyor with Epoxy paint details as follows

(i) Rollers details: Size of Roller width = 780mm, Roller Diameter = 50.8 mm

*Sham Asadul Huda*



Sr. No.	Sector No	Bend Roller/Linear Roller	Number of Rollers	L- Number as given in Diagram	Motor number
1	Sector-2	90 <sup>0</sup> Bend Rollers	13 Nos	L-1	M-5
2	Sector-1	Linear Rollers	34 Nos	L-2	M-1
3	Sector-1	Linear Rollers	20 Nos	L-3	M-2
4	Sector-1	180 <sup>0</sup> Bend Rollers	26 Nos	L-5	M-3
5	Sector-1	Linear Rollers 90 <sup>0</sup> Bend Rollers Linear Rollers	12 Nos 13 Nos 5 Nos	L-6	M-4
6	Sector-4	Linear Rollers 90 <sup>0</sup> Bend Rollers Linear Rollers 90 <sup>0</sup> Bend Rollers	5 Nos 13 Nos 7 Nos 13 Nos	L-8	M-8
7	Sector-4	Linear Rollers	39 Nos	L-9	M-9
8	Sector-4	90 <sup>0</sup> Bend Rollers Linear Rollers	13 Nos 6 Nos	L-10	M-10
9	Sector-5	90 <sup>0</sup> Bend Rollers	13 Nos	L-11	M-12
10	Sector-5	Linear Rollers	14 Nos	L-12	M-13
11	Sector-2	90 <sup>0</sup> Bend Rollers (Merging)	29 Nos	L-4	M-6
Total Number of Bend Rollers/Linear Rollers			275 Nos		

(b) Conveyor stand with assembly epoxy painting.

- (ii) Printing of sign Board. a) Beam On  
b) Radiation On

#### 4) Servicing of

i) Servicing of Pellet Truck 2.5 Ton:-The pellet truck is not lifting the load due to hydraulic cylinder NRV problem the same may to be repaired.

ii) Stacker 500 Kg:-The stacker is having old almost 20 years so its chain is rusted due to radiation and has to be replacing with new chain and other hydraulic cylinder to be repaired and oil should be changed according to the condition of oil.

*Sham Asadul Huda*



## Terms and Conditions

**I) Free issue of material:** No Free Issue material shall be provided by the department.

**II) Material to be supplied by the contractor:** All the materials for the execution of the job as mentioned in the scope of work, helmets, safety Belts, safety shoes, marking & measuring instruments, and all the tools & equipment /instruments required during fabrication shall be supplied by the contractor only.

**III) Inspection & Testing:** an authorized inspector from the division will inspect the fabrication work on the site, regularly. He will have full access to the site and shall have an authority to check the dimensions, straightness of the members, types of material used and nature and type of weld joint. After the entire fabrication, installation and erection work is over the inspector only will inspect the structures and issue the 'Work Completion Certificate' if the job is found satisfactory in all respect.

### **IV) Note:**

1. Details of the job & technical specification is attached herewith.
2. Since work should be executed immediately, the bidders who have existing work force with police verification certificate (PVC) issued by Police department are preferred to participate in this tender. The PVC is a mandatory requirement for entry & work in BARC premises.
3. The firm should have preferably vetted for security clearance by security department of BARC.
4. Copy of the PVC for the employees of the bidder shall be enclosed along with the offer. Since this job involves site work at BARC premises; any offer without copies of the valid PVC will not be accepted
5. All materials required to execute this work should be procured and supplied by the contractor and fabrication should be carried out at site
6. Time period to complete this work will be 6 weeks from the date of issue of work order. Time is the essence of this tender and hence no extension will be permitted.
7. No advance payment will be made for execution of this work. 100% payment will be released after completion and satisfactory commissioning of the work and certification by our Engineer.
8. The contractor and their workmen shall take all safety precautions as per standard procedure while executing the job.
9. All tools 86 safety gears required for executing this work should be provided by the contractor
10. This department will not be responsible for any accident happens while doing any job and no compensation will be payable by this department for any such incidents.
11. The successful bidder shall give guarantee in writing for materials used and workmanship for a period of one year from the date of completion and commissioning of the work
12. If any part of the work is to be sub contracted, the details of such sub contractor should be clearly mentioned in the quotation.
13. **Liquidated damages:** Any delay in execution of the work, which is attributable to the contractor, is liable for penalty @ 1/2 % per week (max. 5%) will be imposed on successful contractor.





**14. Termination clause:** If the work is not executed to our satisfaction or delayed beyond reasonable time, the purchaser shall have the option to terminate the work order as is where is condition at any time during the currency of contract and the work shall be got executed through other agencies at your cost.

**15. Evaluation and acceptance criteria.**

- a) Since work should be executed immediately, the bidders who have existing work force with police Verification certificate (PVC) issued by Police department are preferred to participate in this tender. The PVC is a mandatory requirement for entry & work in BARC premises.
- b) The firm should have preferably vetted for security clearance by security department of BARC.
- c) Bidder should have previous experience in similar type of work executed in BARC or any other reputed Organizations.
- d) Bidder should have licensed and qualified technicians with field experience in similar type of job.
- e) Lowest technically suitable offer will be considered for placing the work order.
- f) Total cumulative lowest price and technical suitability of vendor will be considered for this job.
- g) If any work is to be sub contracted, the details should be explicitly mentioned in the quotation. Such sub-contractor also will be evaluated before acceptance of the offer.
- h) Bidder should be ready to provide all safety gears to their technicians.

**16. Confidential close:**

- a) No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as "proprietary" in nature by disclosing party shall be kept strictly confidential by the receiving party without the prior written consent of the original disclosing party.
- b) This clause shall apply to the sub-contractors, contractors, advisors, or the employees engaged by the party with equal force.
- c) **"Restricted Information" categories under section 18 of the Atomic Energy Act, 1962 and "official secrets" under section 5 of the Official Secret Act 1923.**
- d) Any contravention of the above mentioned provisions by any contractor, sub-contractor, consultants, advisors or the employees of the contractor will invite penal consequences under the aforesaid legislation. **Prohibition against the use of BARC's name without permission for publicity purposes.**

The contractor, sub-contractor, consultants, advisors or the employees engaged by the contractor shall not use BARC's name for any publicity through any public media like Press, Radio, T.V., or Internet without prior written approval of BARC.

