



Government of India
Bhabha Atomic Research Centre
Quality Assurance Division

Tel No. 2559 4568

Fax: 2550 5151

Ref: QAD/MES/18/ 229121

Date: 03 Dec., 2018

Sub: Tender enquiry for Automated one axis manipulator for Motion Radiography.

Dear Sir/madam,

Please send us your quotation for an automated one axis manipulator moving in horizontal direction for motion radiography. Given below is the scope of work and other terms and conditions:

SCOPE OF WORK:

An automated one axis manipulator moving in horizontal direction for motion radiography as per annexure 01. The system is to be installed at Quality Assurance Division, South Site, Trombay and the contractor must provide necessary training for operation of the system.

TERMS AND CONDITIONS:

1. Since the scope of work involves site work, you shall obtain police verification certificate for all contract personnel. This is mandatory.
2. Firms willing to bid for above mentioned job shall have been vetted by Security Section of BARC.
3. Payment will be released after satisfactory completion of work, which will be certified by the competent authority.
4. Please note that the delay of completion of job which is attributable to the contractor is liable for penalty @ 0.5 % per week (max. 5.0 %).
5. The sealed quotations shall reach the office of the Head, QAD, South Site, BARC, Trombay, Mumbai – 400085 on or before 31.12.2018 by 18:00 hours.
6. The quotations are to be sent in a sealed envelope with the following information marked on top of the envelope: **“Automated one axis manipulator for Motion Radiography.”**
7. All taxes should be mentioned clearly.
8. Income tax @ 2% of the value of the work order, surcharge and other levies such as education cess etc. as applicable will be deducted at source before making the payment.

GENERAL

1. No party shall disclose any information to any third party concerning the matters under this contract generally.
2. The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, TV or internet without the prior written approval of BARC.
3. Overwriting, scratching, etc. must be avoided in the quotation. Any alternation in the figures shall be carried out by rewriting the whole figure & countersigning by authorized person from the firm.
4. The right to accept/reject any or all the offers, without giving any reason, is reserved.
5. You may contact us for any clarification on 25594568 or 25594969.

Thanking You.

Your faithfully

Handwritten signature of Sanjoy Das in black ink, including the date 03.12.18.

(Sanjoy Das)
MES,QAD

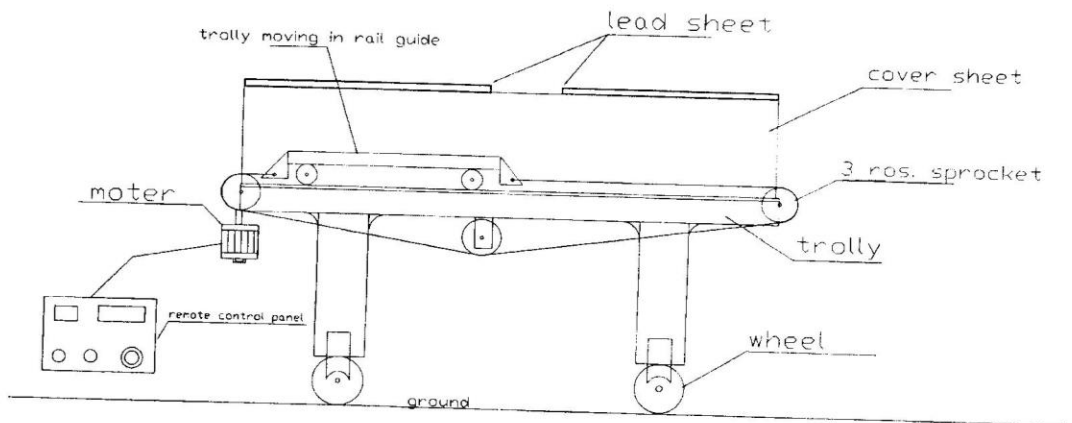
CC: Head QAD

Annexure 01

A automated one axis manipulator moving in horizontal direction for motion radiography of end plug to tube weld radiography as shown in sketch consisting of the following:

1. A horizontal tray with wheels of length 1030 mm x width 260 mm capable of moving on rail guide for minimum stroke length of 900 mm.
2. A motor drives the tray in horizontal direction by chain-pulley system with variable speed with 5 to 15 mm per minute through the control panel. The system can be operated by remote controller with a distance of 20 meter.
3. Limit switch should be provided at both end of motion. The motor to be used is DC motor of power 01 HP. The tray with wheels is to be mounted on two parallel rails for horizontal direction movement. The pulleys of chain-pulley system are mounted at the ends.
4. The entire bench is covered with 3 mm lead sheet with opening window of 20 mm width on top. The tray and moving mechanism is placed below the lead cover. The gap between lead cover and the job is restricted to max 5 mm.
5. The entire system is placed on table of height of 1050 mm. The leg of the table is attached to wheel so that it can be moved easily. Screw jack of stand for support is to be provided.
6. The system is to be painted by spray painting for corrosion protection.

Sketch



Sanjay
03.12.2018
(Sanjay Das)