

Government of India  
Bhabha Atomic Research Centre  
Waste Management Division.  
Waste Management Facilities Trombay.

Ref: BARC/LPS/WMD/VGG/EEI/2018/01/ 108295

Date: 01/06/2018

**Subject: Enquiry for Supply of AUTO/MANUAL loading stations.**

Quotations are invited by for and on behalf of President of India by Chief Superintendent, WMD, BARC, Mumbai for following item:

Specification of the item being procured:

Sr.No.	Description	Quantity
1.	<b>AUTO/MANUAL loading station</b>  As per the Annexure - I	05 Nos.

1. The Supplier may contact Vijaykumar Gaikwad on telephone No. 25591090 for any other details.
2. The material should be as per the specification given.
3. The quotations are to be sent in printed letter head and reach below address through 'registered post/speed post' only through Indian Postal Service or emailed to [jasuni@barc.gov.in](mailto:jasuni@barc.gov.in).
4. Taxes and GST shall be quoted separately. The price and charges are fixed and no escalation will be applicable. The offer should inclusive of all the charges.
5. Material should be supplied **within 8 weeks** from the receipt of purchase order.
6. Quotations should be submitted to **Shri. Vijaykumar Gaikwad, SO/E, 309, Process Building, W.I.P., WMD, BARC, Mumbai 400 085.**
7. Quotations should reach before **14:00 hrs on or before 13/06/2018**. The Quotations after last date will not be acceptable. No relaxation will be given for any delay. The Sealed Quotations will be opened on **13/06/2018 at 14:30 hrs** in Divisional office, NRG, BARC, Trombay.
8. Chief Superintendent, WMD reserves the right to reject any or all quotations without assigning any reason thereof.

Chief Superintendent,

WMD/सी. पी. कौशिक / Dr. C. P. Kaushik  
मुख्य अधीक्षक / Chief Superintendent  
अपरिष्कृत प्रबंधन विभाग / Waste Management Division  
भारत सरकार / Government of India  
भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre  
ट्रॉम्बे, मुंबई-४०००८५ / Trombay, Mumbai - 400 085.

**ANNEXURE - I**

**Technical Specifications for Auto Manual Loading Station**

**1.0 Auto Manual Loading Station :-**

To be used as a interface between control signal from controllers to final control elements.

Input (control signal)	:- 4-20 mA DC from controllers
Output (to final control element)	:- 4-20 mA isolated
Type	:- Microprocessor based
Mode	:- AUTO & MANUAL –user selectable In AUTO mode - Output shall follow input In Manual mode -Output shall be user selected from 0-100%
Load resistance	:- 800 $\Omega$
Display	:- Dual for Input & Output 7 segment LEDs, 4 digits, 14.3 mm, Red colour
Range	:- 0 -100 % Programmable
Accuracy	:- 0.25 % of FS
Interface	:- Front panel keyboard soft switches Functions – Programming/ Calibration Input , output - Auto/Manual changeover - Increase/decrease push buttons for manual mode
Status indication	:-LED indication for – Auto / Manual selected mode - RUN/ Programming mode
Dimensions	:- 96 mm (W) x 96 mm (H) x 160 mm (D)
Panel Cutout Size	:- 92 mm (W) x 92 mm (H)
Connections	:- Pin type male/female connector type to instrument rear
Mounting	:- Panel mounted, Rear Clamp
Power Supply	:- 230 V, 50 Hz, $\pm$ 10 %, Single phase AC
Quantity	:- 05 Nos.

*gacharad.2.4*  
01/06/2018