

Government of India
Bhabha Atomic Research Centre
Metallic Fuels Division

Ref: MFD/SR/2022/05/P-34287

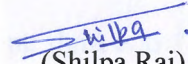
Date: 10-03-2022

To,

Dear Sir,

We request you to submit your quotation for **“Design, fabrication, supply, guarantee, installation, of mechanical slitting unit for sizing of plates along with the use of output from digital radiography as per the specifications mentioned in Annexure-I.”**

Yours Faithfully,


(Shilpa Raj)
Scientific Officer (C)

Encl.: Annexure-I (5 pages)

SCOPE:

“Design, fabrication, supply, guarantee, installation, of mechanical slitting unit for sizing of plates along with the use of output from digital radiography as per the specifications mentioned in Annexure-I.”

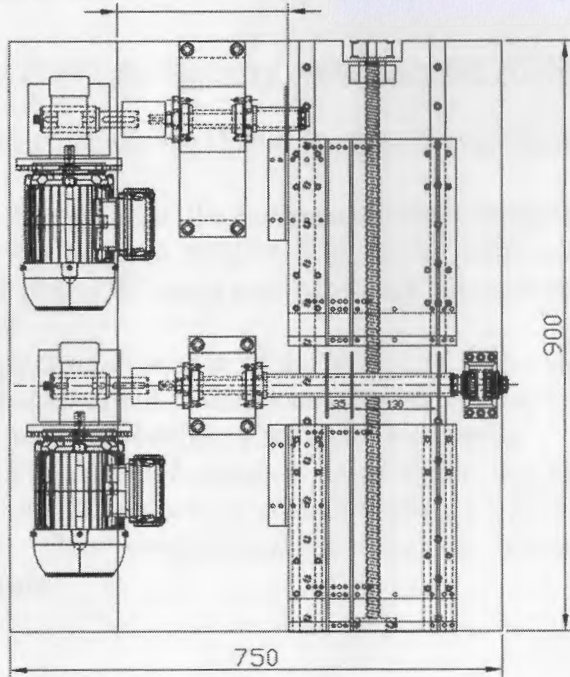
1. SCOPE OF SUPPLY

SOME MAJOR DETAILS OF THE MECHANICAL SLITTING MACHINE ARE AS FOLLOWS:

Type of Machine	: Slitting Machine Slitting
Length capacity	: 250mm & 130mm & 35 mm
Length Stroke	: 500mm
Maximum length that can be machined	: 600mm
Material	: Aluminium
No. of Limit switch	: 2 No.
Drive Motor Gear Box Specification	: 1:4.8
No. Of Motor for cutting	: 2 No
Cutter drive motor capacity	: 0.75HP
No. of Cutters	: 4 No. (3 cutter over one shaft and 1 cutter over second shaft)
Minimum Gap between 2 cutter	: 130 ± 0.5 mm
Maximum Gap between next 2 cutter	: 35 ± 0.5 mm
Gap Adjustment	: By means of hollow spacers on drive shaft
Drive shaft diameter	: 25mm
Make of Motor	: Siemens
Make of Gear Box	: Premium make Gear Box
Type of operation	: Eclectically operated by push button
Slide drive	: through rolled ball screw driven by belt
Through geared FHP Motor Slide drive speed	: Controlled through Speed controller
Electrical Controls	: DOL starter & 230 V contractors Logic

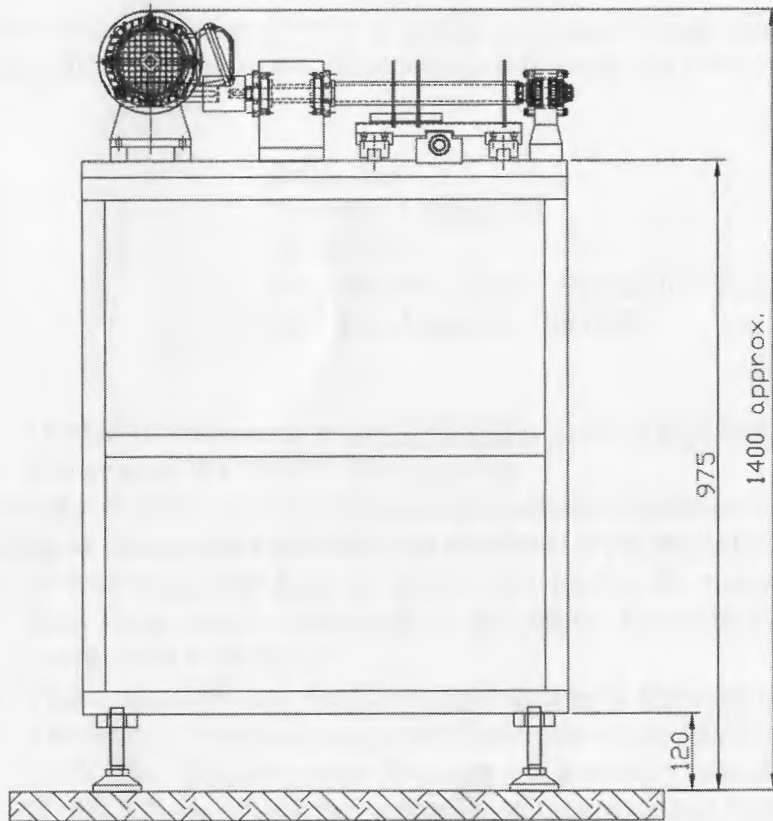
The machine shall compiled with the digital radiography unit for slitting of plates of final dimension 130 x 35mm. The radiography unit used to locate the meat section inside the plate and to accurately determine the final trimming edges of the plates.

260 mm space for accommodating excess rolled length



SPECIFICATIONS

SLITTING LENGTH CAPACITY	: 35, 130 & 250 mm
STROKE	: 585 mm
MAXIMUM LENGTH THAT CAN BE MACHINED	: 250 mm
MATERIAL	: ALUMINUM
DRIVE MOTOR	: 0.75 HP
GEAR BOX RATIO	: 1 : 7
MAXIMUM RPM	: 0 to 400 adjustable by VFD
NO. OF MOTOR ASSEMBLY FOR SLITTING	: 2 no.
NO. OF CUTTERS	: 4 no.
CUTTER DIA. & THICKNESS	: 100 mm and 3 mm
GAP BETWEEN CUTTERS	: 35 & 130 mm
MINIMUM GAP BETWEEN THE CUTTERS	: 35 mm
GAP ADJUSTMENT	: BY MEANS OF SPACERS
DRIVE SHAFT DIA.	: 25.4 mm
SLIDE DRIVE MECHANISM	: BALL SCREW & NUT
SLIDE DRIVE MOTOR	: GEARED FHP MOTOR
SLIDE SPEED	: 0 - 10 mm/sec Adjustable
COLOR OF THE EQUIPMENT	: VIP RACING BLUE EPOXY PAINT
GAP BETWEEN FLOOR AND STAND BOT.	: 120 mm



THREE IN ONE MECHANICAL SLITTING MACHINE

2. OTHER REQUIREMENTS:

1. All the points stated above under the title ANNEXURE-I should be addressed in the quotation
2. The indent includes the Onsite Supply of the product (as per the requirement by the indenting officer).
3. The workshop and all the equipment's used for the fabrication of the items in the indent shall be visited by the representative from BARC before the placement of the Work Order to the concerned vendor. If found unsuitable, the particular offer will not be accepted further for any evaluation.
4. Pre dispatched inspection of the fabricated jobs is required at the supplier site.
5. The items specified in the indent shall be offered in complete single package only and any offer in terms of part delivery will not be accepted.
6. The Quality control/Assurance for the fabrication of the hardware must be strictly adhered.
7. Bidder should send only a consolidated quote for fabrication of all the items mentioned in the tender. Only consolidated and no part bidding will be accepted for any further consideration.

3. DELIVERY DETAILS:

You shall send your offer in a sealed envelope through **Speed Post/Registered Post Only** indicating delivery period, price inclusive of taxes and other relevant information, to:

Shilpa Raj
Scientific Officer (C)
MFD/ NFG,
RLG, Bhabha Atomic Research Centre
Trombay, Mumbai- 400 0085

- Quotation shall reach us on **14/03/2022**, before **11:30 hrs.**
 - Please send "REGRET" if not quoting.
- On top left corner of the envelope please indicate Quotation for **“Mechanical slitting unit for sizing of plates along with the use of output from digital radiography.”**
- Overwriting, scratching etc. must be avoided in the quotation. Rewriting the whole figure shall carry out any alteration in the figure. The authorised person from the firm shall countersign such figure.
 - **Please also indicate the GST applicable with the relevant HSN code**
 - The scope also includes successful assembly of the spares in the existing machines at MFD, RLG. The contractor must also carry out necessary machining/welding as per requirement at user site for satisfactory assembly of the spares and trueness of the swaging machine.
 - Any deviation from the above mentioned specifications must be approved by the user department before integrating with the machine.
 - All the material used shall be of recent make & free from defects.
 - The Work completion period mentioned in the quotation shall be strictly adhered to. If the contractor fails to complete the work before “work completion period” mentioned in the contract or secure extension work completion date before effecting work completion

schedule of the supply against the contract, acceptance of such item by the purchaser will in no way prejudice the right of the purchaser to levy liquidated damage nor will it be entitled to the contractor for payment of statutory levies that comes into force after the expiry of the work completion date.

- Any delay on part of the contractor is liable to for penalty @ ½ % per week (max 10%) to be imposed to the contractor. Validity period of offer should be more than 30 days.
- Free and safe delivery shall be done within the 30 days of receiving the firm work order. Early delivery schedule will be given a consideration.
- Guarantee / Warranty of the material supplied for one year.
- For any Enquiry and clarifications on drawing you may contact the following persons Miss Shilpa Raj (25593929/02225593929/5917).

4. TAXES:

- All applicable taxes should be clearly mentioned. Overwriting, scratching etc. must be avoided in the quotation. Rewriting the whole figure shall carry out any alteration in the figure. The authorized person from the firm shall countersign such figure.

5. INSPECTION AND TESTING:

The purchaser will have access at all reasonable times to all shops of the contractor and the sub-contractors where material is being fabricated and assembled and all reasonable facilities for such inspection shall be provided. Prior to the supply of system the manufacture has to get it approved from the purchaser.

6. PAYMENT TERMS:

Full payment will be made only after the satisfactory completion of Work.

- **Two copies of Invoice**, in the name of,
Director,
Nuclear Fuels Group,
Bhabha Atomic Research Centre,
Mumbai 400085.
- **Advance Stamp Receipt**
- **A copy of cancelled cheque**
- **Company's GSTIN No. & PAN No. should be furnished along with the bill.**
- **Company's copy of Sales Tax /Service Tax Registration Certificate has also to be furnished along with the bill.**
- **Company's copy of GST registration/ Certificate to the effect of GST payment has also to be furnished along with the bill.**
- **ITR Undertaking with acknowledgement for last two years.**
- **Option form for payment through ECS/RTGS with pre-stamped receipt.**
- **Guarantee / Warranty of the material supplied should be for one year.**
- Note: The Tax Invoice should specifically indicate the following:
 - GSTN
 - PAN
 - Location of Supply
 - Tax Component to be separately indicated in the invoice

- Undertaking that the GST has been promptly deposited with the authorities

Please note that, income tax @ 2% and GST TDS@2%, will be deducted from your bill.

No part payment or advance payment will be made.

You may contact Miss Shilpa Raj (25593929/2225593929/5917) for any clarification.


7. DELAY CLAUSE:

Any delay which is attributable to the contractor is liable for penalty @0.5% per week (max. 10%) to be imposed on the contractor.

8. CONFIDENTIALITY:

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 the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force. "Restricted information" categories under section 18 of the Atomic Energy Act, 1962 and "official Secrets" under section 5 of the official secrets act, 1923:- Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation. Prohibition against use of BARC's name without permission for publicity purposes: - 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 medial like press, radio, T.V. or Internet without the prior written approval of BARC.

"Since the goods are to be supplied against the work order meant for research purpose of research organization under DAE, the necessary GST will be exempted to the party" & necessary exemption certificate will be supplied.



Shilpa Raj

Scientific officer (C)

(On behalf of the President of India)