Tender Enquiry

Sealed quotations are invited on behalf of the President of India for the work as per following Technical specification.

Technical Specification

Item: Fabrication, inspection, testing, documentation, guarantee, transportation and safe delivery & installation of seed coating machine as per technical specification given below.

The scope of supply is preparation of GA drawing with overall dimensions, fabrication of seed coating machine, inspection, testing, documentation, guarantee, forwarding, transportation, safe delivery & installation at BARC, Trombay, Mumbai-400085.

Quantity: 1 No.

Critical Technical Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>30”</td>
</tr>
<tr>
<td>Loading Capacity (kg)</td>
<td>50</td>
</tr>
<tr>
<td>Motor (hp) with appropriately rated Variable Frequency drive.</td>
<td>1.0</td>
</tr>
<tr>
<td>Blower (hp)</td>
<td>1.0</td>
</tr>
<tr>
<td>Heater Capacity (kW)</td>
<td>3.0</td>
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</tbody>
</table>

Salient Features:

- Coating pan shall be made by SS 304/SS 316.
- Totally enclosed machine with MS cladding, standard gearbox, motor, and hot air blowing arrangement.
- It shall be fabricated in such a fashion that permits easy external cleaning, maintenance, part replacement/repair.
- Suitable interlocks for operation & safety of the equipment & operator shall be provided.
- Electrical motors & heater shall have adequate weather protection. Please specify required type of power supply.
- Structure shall have provision for earthing.
- The machine shall be neatly finished in a good workmanship manner. Outer surface/edges shall be free from any burr or sharp edges/corners. Good Manufacturing Practice shall be followed in fabrication.
Residual stresses shall be kept to minimum during fabrication to ensure dimensional stability and minimum stress corrosion. Excessive force shall not be used to achieve a fit. Welding and fitting shall be performed in such a manner as to control and minimize distortion and locked in stresses.

Standard industrial practices for cleaning, pickling and passivation shall be followed and same shall be recorded for review during inspection.

Noise & vibration shall be as per industrially acceptable levels. Party to specify these details in the offer.

In case of placement of work order, the party shall maintain the record of quality control procedure followed during the fabrication/manufacturing.

Standard industrial practices for cleaning, pickling and passivation shall be followed and same shall be recorded for review during inspection.

The machine shall be inspected by user representative at party’s works for dimensions, functional & qualification test and safety performance before dispatch.

Test certificates of material used and bought out components shall be made available during pre-dispatch inspection.

List of spares shall be given separately for trouble free operation of 3 years.

1. Guarantee:

1.1 The vendor shall guarantee that the equipment and materials mentioned in the scope of supply are new and they conform to high quality such that the equipment and material are free from defects in material fabrication and workmanship as per the requirement of this technical specification for a period of eighteen month after the completion of all delivery or twelve months from the date of commissioning, whichever is earlier.

1.2 If within the guarantee period stipulated above, the equipments and materials, mentioned in the scope of supply or any part of the same are found defective because of bad materials, improper fabrication or any deviation in the operation carried out from standard manufacturing practices (QAP) by the vendor in the scope of supply, then the vendor at his own expense either repair them, preferably on the site or transport them to their workshop and repair/replace them and deliver back at site again. The decision of repair and replacement will be taken in consideration with the function, end use and life of that equipment.

2. Documentation

2.1 Three copies of following documents in bound form shall, be handed over to purchaser at the time of delivery of these equipment. The entire document should be approved by the purchaser’s representative.

2.1.1. As built drawing
2.1.2. Test certificate from lab.
2.1.3. Inspection report
2.1.4. Mill test certificate
2.1.5. Brochures & guarantee certificates of bought out components.
2.1.6. Weight of each equipment
2.1.7. Reports of all test certificates
2.1.8. Quality compliance report.
2.1.9. Any other relevant documents
3. Packaging:

3.1 After obtaining written dispatch clearance from purchaser’s representative, the equipments shall be delivered, safely, at BARC, Trombay, Mumbai, in good condition.
3.2 The items shall be properly packed in appropriate case to avoid damage during transit.
3.3 Size of the case shall be convenient to handle. Gaps inside the case shall be filled with suitable soft packing to prevent rattling of these components.
3.4 Sound packing material of suitable size and weight of the contents shall be used.
3.5 All packages shall be clearly marked on with: (a) destination, (b) Purchase order No. and date, (c) dimensions, (d) gross weight, (e) handling instructions if any, in block letters with water proof paint.
3.6 A copy of the inspection report must be sent along with the consignment.

4. Delivery:

4.1 The items after inspection and acceptance shall be delivered to CTD Stores, BARC, Trombay 400 085.
4.2 Supply & installation shall be completed within 8 weeks from the date of placement of the purchase order.
4.3 In case the party is not able to meet the above delivery schedule, they may state in their quotation, the delivery schedule that they would be able to adhere too, realistically.
4.4 Any departure from the accepted delivery schedule, after placement of the purchase order would be viewed very seriously and the same shall be treated as sufficient reason for cancelling the order at any stage without any liability to the purchaser.

5. Quotation:

5.1 Quotation shall be submitted giving due breakup as per table in given format, failing which it shall be considered incomplete and rejected.

<table>
<thead>
<tr>
<th>Description</th>
<th>Value (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Cost fabrication with materials</td>
<td></td>
</tr>
<tr>
<td>B Packing Forwarding charges</td>
<td></td>
</tr>
<tr>
<td>C Delivery charges</td>
<td></td>
</tr>
<tr>
<td>D GST</td>
<td></td>
</tr>
<tr>
<td>E Excise Duty</td>
<td></td>
</tr>
<tr>
<td>F Any other cost</td>
<td></td>
</tr>
<tr>
<td>G Total</td>
<td></td>
</tr>
</tbody>
</table>

5.1.1 Indicate clearly all taxes, duties.
5.1.2 No separate insurance charge will be provided. Supplier can quote it with fabrication cost.
5.2 The following information shall be furnished along with quotation positively but for which the offer is liable to be treated as incomplete and rejected.

5.2.1 Fabrication facilities:
Explicitly state the fabrication/machining procedure adopted and list out machining facilities relevant to this item, this is mandatory to submit at the time of quotation. Details shown shall be subjected to evaluation for the technical qualification. Please list the details like type, make & model, size, year of purchasing, spindle run out and repeatability.

5.2.2 Inspection facilities:
Please give list of inspection grade instruments and tools available with details such as type, make, model, range, least count etc. Clearly state the inspection procedure to be followed for this component and submit the same at the time of quotation.

5.2.3 Previous experience:
Highlight your experience in manufacturing similar jobs involving comparable size and tolerances and similar type of alloys. Give details of purchase order reference, clients’ name, address & telephone number, brief description of the job with sketch, and date of completion. Submit the details regarding similar job done for BARC or any other DAE units.

5.3 Explicitly state your proposed delivery schedule at the time of quotation.

6. G.A. Drawing
6.1 Party should submit the General arrangement drawing along with the quotation clearly showing the basic details & overall dimensions.

7. Installation
7.1 Please note that PVC (police verification certificate) is essential for all workers, and supervisors for installation work inside BARC. The absence of PVC will not be considered as an excuse for delay in installation. Obtaining PVC from concerned authority is a sole responsibility of the contractor.

8. Special notes
8.1 Any delay which is attributable to the contractor is liable for a penalty @ 0.5 % of the work order value per week (max 5%) to be levied on the contractor.
8.2 No advance payment shall be made.
8.3 Income tax @2% and any other charges such as education cess etc., if applicable, shall be deducted from the party’s bill.
8.4 The payment shall be made through Accounts Division, BARC, only on satisfactory completion of the work and on production of the invoice, the advanced stamp receipt, the completion certificate including installation and the Guarantee Certificate. The prices quoted will be firm and final.
9. **Confidentiality:**
   I. No party shall disclose, any information to any third party, concerning the matters under this contract, in general. In particular, any information identified as "proprietary" in nature and shared to the party as a necessity, to execute the work, shall not be shared to anyone by the receiving party, until and unless, the party specifically takes written consent from the BARC.
   II. The above clause shall apply to all the sub-contractors, contractors, advisors, or the employees engaged by the party with equal force.
   III. "Restricted Information" categories under section 18 of the Atomic Energy Act, 1962 and "official secrets" under section 5 of the Official Secret Act 1923: Any contravention of the above mention provisions by any contractor, sub-contractor, consultants, advisors or the employees of the contractor will invite penal consequences under the aforesaid legislation.
   IV. **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.

10. Quotation without PAN no, TIN & VAT/GST no shall not be accepted.
11. The quotation should be detailed with all taxes, duty and other charges, if any, with complete breakup. Amount payable for highly skilled and skilled manpower per month, separately, shall be provided along with total amount to work out monthly payment. Form "H" will be provided wherever necessary.
12. **Party may contact on 022-2559-5167/2763 (Dr Shah Manish/Dr Anuj Tripathi) for query/clarification, if any.**
13. The quotation in the sealed envelope super scribed with the title of work, reference number and the stipulated due date must be dispatched by Indian Post (SPEED POST) to reach to Head, Chemical Technology Division. The address on the envelop should read
   
   Head, Chemical Technology Division, 
   CEL-II, Bhabha Atomic Research Centre, 
   Trombay, Mumbai-400085
   
   **Attn: Dr. Shah Manish, SO/G, PTS, ChTD**

14. The last date (due date) of reaching quotation at the above said address is 27/09/2019.
15. Head, Chemical Technology Division, BARC reserves the right to accept or reject any or all quotations without assigning any reason thereof.

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   **(Dr. Shah Manish)**
   SO/G, PTS, ChTD

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End of the Specifications*************************************************************************