

DETAILS OF THE MACHINE

Sl. No	Specification	A/U	Qty
(a)	(b)	(c)	(d)
	<b>Trimming and Sieving Machine with all standard and additional accessories as per specification below :</b>	No	1
1.	<b>Name of Machine</b> : <b>Trimming &amp; Sieving Machine</b>		
2.	<b>Brand &amp; Model</b> : To be mentioned		
3.	<b>Country of Origin and Assemble</b> : Group 'B'		
4.	<b>County of Manufacturer</b> : To be mentioned		
5.	<b>Name of Manufacturer</b> : To be mentioned		
6.	<b>Name of the Principal</b> : To be mentioned		
7.	<b>Purpose</b> : This machine is used to do head turning, mouth finish-trimming and sieving of 7.62x54 mm ball cartridge cases ( <b>As per BOF sample and drawing</b> ). Complete video clip of machine showing it's working principle to be submitted with technical offer.		
8.	<b>Input Material</b> : 7.62x54 mm Tapered Case Component		
9.	<b>Output Material</b> : Complete Case		
10.	<b>Specification</b> :		
	a. Caliber (mm) : Ball T-53 (7.62x54mm)		
	b. Production Rate (Pcs/min) : 75 (Minimum)		
	c. Number of Stations : To be mentioned		
	d. Power Supply : 220/380/440 V, 50 Hz		
	e. Phase : To be mentioned		
	f. Main Motor (hp) : To be mentioned		
	g. Lubricating system : To be mentioned		
	h. Compressed air requirements (psi) : To be mentioned		
	j. Control Cabinet Size (LxWxH) mm : To be mentioned		
	k. Overall dimension (LxWxH) mm : To be mentioned		
	l. Net Weight (Kg) : To be mentioned		
	m. Year of Manufacture to be embossed in the main body : To be complied		
11.	Optional equipment (if any) required to complete the process : To be mentioned in detail		
12.	<b>Latest Feature/ Technology</b> (If available) : To be mentioned		
13.	<b>Main Machine</b> :		
	a. Basic machine with all standard accessories and attachment are to be provided.		
	b. Provide list of Tools, Die and Punch will be fitted/ provided with the machine.		
	c. Automatic Voltage Regulator (AVR) if required to be provided with the machine and synchronized with the supplied machine.		
14.	<b>Spares, Accessories and Consumable Items</b> :		
	a. Required spares, accessories and consumables (Tools, Die, Punch, Gauges, etc.) Lubricating oil, Coolant, Filter, Battery, Online UPS, etc. for <b>5 million productions</b> will be supplied with the machine mentioning price and drawing.		
	b. 2 set gauges will be provided with the machine mentioning price and drawing.		
15.	<b>Port of Shipment</b> : Group 'B' (As per country of origin)		
16.	<b>Country of Origin of all major components</b> : Group 'B' - To be Mentioned		
	a. Main Motor		
	b. Major Mechanical & Electrical Part.		
	c. Any other major component.		
17.	<b>Installation &amp; Post Installation Requirement at BOF</b> :		
	a. <b>Installation Requirement at BOF</b> :		
	(1) It is the responsibility of supplier to fully integrate and commission the machine at BOF's identified site/room. Machine installation and commissioning is to be provided by the certified engineers of machine manufacturer from same country or at least same group of countries at BOF site.		

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	<p>(2) BOF shall only provide utility service up to near proximity. All other related equipment, connections and fittings or any related things required for successful installation and running of the machine will be provided by the supplier.</p> <p>(3) Supplier shall bring all necessary calibration standards and calibration equipment for ensuring the machines accuracy with valid traceability certificates at BOF site.</p> <p>(4) After installation and commissioning of the machine, trial run, trial production followed by operational and maintenance training of BOF personals by the certified engineers of machine manufacturer from same country or at least from same group of countries at BOF site to be provided. The training should cover complete operation, application, software usage (if required) in all aspects of measurement and data analysis, part programming for required samples, calibration, basic &amp; preventive maintenance and troubleshooting etc. Supplier must submit day wise local training plan along with the offer. Following information must be given as below :</p> <table border="1"> <thead> <tr> <th>Ser</th> <th>Items</th> <th>Responsible (Supplier/BOF)</th> <th>Duration</th> </tr> <tr> <th>(a)</th> <th>(b)</th> <th>(c)</th> <th>(d)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Site Preparation</td> <td>BOF and Supplier</td> <td>To be mentioned</td> </tr> <tr> <td>2.</td> <td>Installation &amp; Commissioning</td> <td>Supplier</td> <td>To be mentioned</td> </tr> <tr> <td>3.</td> <td>Trial Run</td> <td>Supplier</td> <td>To be mentioned</td> </tr> <tr> <td>4.</td> <td>Trial Production</td> <td>Supplier</td> <td>To be mentioned</td> </tr> <tr> <td rowspan="2">5.</td> <td>Training</td> <td>Supplier &amp; Foreign Trainer</td> <td>To be mentioned</td> </tr> <tr> <td>Repair &amp; Maintenance Training</td> <td>Supplier &amp; Foreign Trainer</td> <td>To be mentioned</td> </tr> </tbody> </table>	Ser	Items	Responsible (Supplier/BOF)	Duration	(a)	(b)	(c)	(d)	1.	Site Preparation	BOF and Supplier	To be mentioned	2.	Installation & Commissioning	Supplier	To be mentioned	3.	Trial Run	Supplier	To be mentioned	4.	Trial Production	Supplier	To be mentioned	5.	Training	Supplier & Foreign Trainer	To be mentioned	Repair & Maintenance Training	Supplier & Foreign Trainer	To be mentioned		
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	<p><b>b. <u>Post Installation Requirement at BOF:</u></b></p> <p>(1) It is the responsibility of supplier to fully integrate, erect and commission the machine at BOF's identified site/ room. Machine installation and commissioning is to be provided by the Supplier at BOF site (<b>within 30 days</b>) after receiving machine by BOF.</p> <p>(2) BOF only provides utility service up to near proximity. All other related equipment, connections and fittings or any related things required for successful installation and running of the machine will be provided by the supplier.</p> <p>(3) Supplier shall bring all necessary calibration standards and calibration equipment for ensuring the machine accuracies with valid traceability certificates at BOF site.</p> <p>(4) After installation and commissioning of the machine trial production and trial run (<b>minimum 15 working days</b> excluding installation and commissioning period) by the Supplier's Technical team at BOF site to be provided.</p> <p><b>c. <u>Software and License :</u></b> If any software update, license key is required for the machine, supplier must provide this for machine's lifetime free of cost. Remote or system locking of the machine using software and password is not allowed. If done so, BOF will have the authority to reject the machine.</p>																																	
18.	<p><b><u>After Sales Support :</u></b></p> <p>a. Supplier should guarantee the availability of spares, software/ firmware updates and additional add-on modules for at-least <b>10 (Ten)</b> years from date of expiry of warranty.</p> <p>b. Customer support facility shall be made available for at least <b>5 (Five)</b> years after expiry of the guarantee period.</p> <p>c. Online remote diagnostic till the machine life/online help for maintenance application to be provided (if available).</p> <p>d. Online help support for system Queries/Application support to be provided (If available).</p> <p>e. Service personnel to attend any fault within <b>3 (Three)</b> days after receipt of the information, whenever called for.</p> <p>f. <b>If any software update, license key is required for the machine, supplier must provide this for machine lifetime with free of cost. Remote or system locking of the machine using software and password is not allowed.</b></p>																																	
19.	<p><b><u>Warranty :</u></b></p> <p>a. The machine shall have warranty for a minimum period of <b>12 (Twelve)</b> months after accepted by BOF or more after commissioning for defect free operation at specified accuracies in BOF site.</p>																																	

RESTRICTED

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(a)	(b)	(c)	(d)
	b. Any defect observed during the warranty period shall be replaced/repared with free of cost with minimum down time (30 days). All the software updates during the warranty period shall be supplied, installed and trained to our personnel on real time basis at free of cost.		
20.	2x Operator manuals/programming manuals in English language must be supplied with the machine.		
21.	2 x Maintenance/repair manuals in English must be supplied with machine.		
22.	The manufacturer must provide complete drawing (2x hard copy & soft copy) of tools, gauges and special part of the machine.		
23.	Supplier should submit original leaflet/Brochure with the offer.		
24.	<b>Lowest bidder will be selected basing on price against clause 13 &amp; 14.</b>		
25.	Supplier must submit the copy of educational and experience certificate of foreign trainer (experienced on the above mentioned machines) along with the copy of passport and biodata prior to security clearance.		

**General Terms & Conditions :**

Supplier must mention their compliance on the following mentioned points :

1. A principal/manufacturer can submit **only one offer through one local agent** for any individual item. Offers through multiple local agents by same principle/manufacturer will be **treated as rejected**.
2. To ensure unhindered LC handling the principal must provide a certificate to confirm that their LC operating bank has RMA (Relationship Management Agreement) with the local Banks of Bangladesh.
3. Supplier must **clearly mention** (in the technical offer) that as principal/manufacturer they poses necessary **export permit** from the concern ministry or any other authority of their country. They must also submit a certificate in this regards as per the attached specimen format at Annex F.
4. Before signing the contract, Performance Guarantee @ 10% of total LC value is to be submitted by the Principal in favour of Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Gazipur through any scheduled Bank located in Bangladesh (As per the format at Annex D).
5. A separate **certificate should be provided** by the principal **originally signed** (Computerized or digitally edited signature will not be accepted) stating that they are aware of the requirement of the PG and if the contract is awarded they will be bound to provide the PG as per the format at Annex E, otheraise administrative action will be taken against the principal and local agent
6. The stores should be supplied to BOF at **supplier's cost**.
7. On arrival of the stores at BOF, the supplier must complete installation, commissioning, trial run & trial production within 1(One) month (from the date of entry at BOF). Otherwise, penalty will be imposed at the rate of 2% but not less than 1% and will not exceed 10% of the total CFR/LC vale (As applicable).
8. If the supplier fails to deliver the stores within the stipulated period, the followings will be applicable:
  - a. Cancel the contract and/or
  - b. Decision at the discretion of BOF.
9. Inspectorate is the authority in all matters pertaining to Inspection. Any verdict by the inspectors regarding rejection, acceptance, and/or deviation of machine involving price reduction will be treated as final and will not be subject to arbitration.
10. The Supplier must submit the following **attested documents** with the schedule :
  - a. **Trade License**
  - b. **Tin Certificate**
  - c. **Up to date VAT Registration certificate.**