

Inserting Machine Ball T-53

Sl.No	Nomenclature & Specification		A/U	Qty
(a)	(b)		(c)	(d)
Inserting Machine Ball T-53 with all standard and additional accessories as per specification below:			No	01
1.	Quantity	1 (One) no.		
2.	Model	To be mentioned		
3.	Country of Origin and Assemble: Group 'B' Countries	To be mentioned		
4.	Country of Manufacturer: Group B	To be mentioned		
5.	Name of Manufacturer	To be mentioned		
6.	Name of Principal	To be mentioned		
7.	Purpose: The machine is designed for the correct insertion of primer cap into the pocket of small arms ammunition case (GMCS), check and ensures the depth of primer (Brass). This machine will also have the capabilities of head primer varnishing as well as case mouth varnishing. Complete video clip of machine showing its working principle to be submitted with technical offer.	To be complied		
8.	Input Material: 7.62x54 mm final finished cartridge case, primer cap and varnish (Varnish for primer head and case mouth varnishing)	To be complied		
9.	Output: 7.62x54 mm primer inserted case with correct depth of primer, head varnished and inner side of case mouth varnished.	To be complied		
10	Specification:			
	a. Caliber (mm)	7.62×54 mm (Ball Type -53)		
	b. Production Rate (Pcs/min)	85 (Minimum)		
	c. Depth of primer (Gauging range)	0.20~0.32 mm		
	d. Number of Primer Hopper (nos)	To be mentioned		
	e. Size of Primer Hopper (in mm)	To be mentioned		
	f. Number of Case Hopper (nos)	To be mentioned		
	g. Size of Case Hopper (in mm)	To be mentioned		
	h. Number of Stations (mention the stations)	To be mentioned		
	j. Power Supply	220/380/440V, 3 phase , 50 Hz		
	k. Main Motor Power (Hp)	To be mentioned		
	l. Compressed air requirements (psi)	To be mentioned		
	m. Overall dimension (L×W×H) mm	To be mentioned		
	n. Net Weight (Kg)	To be mentioned		
	p. Automatic Voltage Regulator (AVR) if required to be provided with the machine synchronized with the rating of the supplied machine (from Group 'B' Country).	To be mentioned		
	q. Year of manufacture of the machine to be embossed on the main body.	To be mentioned		
11	Any Optional Equipment	To be mentioned		
12	Latest Feature/ Technology	To be mentioned		

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13.	Main Machine:																																	
	a. Basic machine with all standard accessories and attachment.	To be Provided																																
	b. Tools, Die, Punch will be fitted/provided with the machine.	To be Provided																																
14.	Spares, Accessories and Consumable Items:																																	
	a. Required Tools, Die, Punch etc. for 1 (one) year period smooth operation (6.5 million production) for machine will be supplied with the machine mentioning price, part No, brand, material & drawing.	To be Provided																																
	b. 2 (Two) set gauges will be provided with the machine mentioning price, part No, brand, material & drawing.	To be Provided																																
15.	Port of Shipment: Group 'B' Countries Group 'B' / other Countries (As per country of origin)	To be mentioned																																
16.	Country of Origin of all major components : Group 'B' Countries	To be mentioned																																
	a. Motor (Hopper & Main Motor)	To be mentioned																																
	b. Other important Mechanical & Electrical Part.	To be mentioned																																
17.	Training and Pre-Shipment Inspection at Supplier's Site:																																	
	a. PSI will be carried out under BOF arrangement by 2 (two) persons for 3 (three) working days (excluding journey period). All cost of the PSI to be borne by BOF.	To be complied																																
	b. Supplier must submit details plan of PSI (Modus Operandi)	To be provided																																
	c. Supplier must also mention PSI cost to be borne by them at their end.	To be provided																																
18	Installation and Post Installation Requirement at BOF:																																	
	<p>a. <u>Installation Requirement at BOF.</u></p> <p>(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.</p> <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 & 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 & 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>Functional Training</td> <td>Supplier & Foreign Trainer</td> <td>To be mentioned</td> </tr> <tr> <td>Repair & Maintenance Training</td> <td>Supplier & Foreign Trainer</td> <td>To be mentioned</td> </tr> </tbody> </table> <p>b. <u>Post Installation Requirement at BOF.</u></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 (within 30 days) 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 (minimum 15 working days excluding installation and commissioning period) by the Supplier's Technical team at BOF site to be provided.</p> <p>c. <u>Software and License.</u></p> <p>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>	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.	Functional Training	Supplier & Foreign Trainer	To be mentioned	Repair & Maintenance Training	Supplier & Foreign Trainer	To be mentioned		
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19.	After Sales Support:		
	a. Supplier should guarantee the availability of spares, software/ firmware updates and additional add-on modules for at-least 10 years from date of expiry of warranty.	To be complied	
	b. Customer support facility shall be made available for at least 5 (five) years after expiry of the guarantee period.	To be complied	
	c. Online remote diagnostic till the machine life/ online help for maintenance application to be provided (if available).	To be complied	
	d. Online help support for system Queries/ Application support to be provided (If available).	To be complied	
	e. Service personnel to attend any fault within 3 (three) days after receipt of the information, whenever called for.	To be complied	
20.	Warranty:		
	a. The machine shall have warranty for a minimum period of 12 months or more after commissioning for defect free operation and specified accuracies at our site.	To be complied	
	b. Any defect observed during the warranty period shall be replaced/repared 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.	To be complied	
21.	2 x Operators manual/programming manual in English language must be supplied with the machine.	To be provided	
22.	2 x Maintenance/Repair manual in English must be supplied with the machine.	To be provided	
23.	The manufacturer must be provide complete drawing (hard copy & soft copy) of tools, dies, punches, gauges and special part of the machine.	To be provided	
24.	Supplier should submit original leaflet/ Brochure with the offer.	To be provided	
25.	Lowest bidder will be selected except clause no- 11 of this tender.	To be complied	

Terms & Conditions

Supplier must mention their compliance on the following mentioned points :

1. A principal/manufacture can submit **only one offer through one local agent** for any individual item. Offers through multiple local agents by same principle/manufacture 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/manufacture 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, otherwise 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 01(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.**