

**MAGAZINE PRODUCTION LINE**

Sl. No	Specification	A/U	Qty
(a)	(b)	(c)	(d)
	Magazine Production Line for Rifle BD-08 & LMG BD-15 with all standard and additional accessories as per specification below	Plant	No
1.	<b>Name of Line</b> : Supply and Installation of a Complete Magazine Production Line for Production of Multi-types of Magazines to be used with the Assault Rifles and Light Machine Guns (LMG) Produced by Bangladesh Ordnance Factories (BOF)		
2.	<b>Specification:</b>		
	a. <b>Type and Capacity of the Line:</b> (1) Must be capable of Producing 30-round (ammunition 7.62 x39 mm) stack-type detachable Magazines for Assault Rifle at the rate of 300 pieces (minimum) per day (08 working hours)  (2) Must be capable of Producing 75-round (ammunition 7.62 x39 mm) Drum-type detachable magazines for Light Machine Gun (LMG) at the rate of 110 pieces (minimum) per day (08 working hours)	To be complied	
	b. Type and Number of machines with specification and photos to be used for production of magazines including name of manufacturing countries of the machines	To be mentioned	
	c. <b>Dies/punches/fixtures/tools/cutters/gauges:</b> Required number of dies/punches/fixtures/tools/cutters/gauges etc. must be supplied with the project/machines/equipment for the production of minimum 2, 40,000 (3x80, 000) Stack-type (Rifle) and 90,000 (3x30, 000) Drum-type (LMG) magazines.	To be complied	
	d. <b>Layout of machineries:</b> Details Layout of machines/equipment (on the floor) of the production line as per processes or operations of machines/equipment with description of each process or operation (which machine will do what)	To be mentioned	
	e. <b>Manpower requirement:</b> Total Manpower requirement including machine/equipment/point/location wise breakdown of manpower for the production of above mentioned number of magazines	To be mentioned	
	f. <b>Space requirement:</b> Total space requirement for all machines/equipment/production line	To be mentioned	
	g. <b>Progressive dies/dies to be used:</b> Total number of progressive dies and dies to be used must be mentioned separately.	To be complied	
	h. Number of Spot welding places/machines to be used (Robotic)	To be mentioned in details	
	j. Total number of operations that will be required for each component including operation time	To be mentioned	
	k. Heat and Surface treatment procedure/requirement	To be mentioned in details	
	l. Training requirement including number of trainees and duration	To be mentioned in details	
	m. <b>Project implementation time:</b> The project to be implemented as TURNKEY BASIS/TURNKEY PROJECT. Details of time plan	To be mentioned	
4.	<b>Terms and Conditions:</b>		
	a. The line must be capable of producing multi-types of magazines suitable for fitting and operating with the Assault Rifles and Light Machine Guns (LMG) produced by Bangladesh Ordnance Factories (BOF)		
	b. The production rate of magazine must be high (minimum 30-round 300 and 75-round 110 per 08 hours) using as minimum number of machines/equipment and manpower as possible.		
	c. Carbon Steel (Spec of Raw material that we presently use to manufacture magazine will be provided) will be used as Raw Material for the production of all types of magazines		
	d. Country of origin of all the equipment/machines and other accessories to be used for the line may be of group 'A' or of Group 'B' Country		
	e. The number of PRESS machines to be used must be as minimum as possible (number of machines to be mentioned)		
	f. Necessary Spot Welding (if needed) has to be completed at minimum (refer to serial 2.h		

above)number of points/locations and it has to be done by Robotic hands (preferably)/automatic system		
g. To keep the number of dies to be used to the minimum, maximum possible number of dies has to be progressive ones (Please mentioned the number of dies).		
h. All the machines/equipment must be manufactured in the current (contracted year) year		
j. Must supply Components inspection gauges with drawing.		
k. Manufacturing Process layout with transfer of technology for production of each components		
l. All drawings and material-spec of Stack-type (30-round) magazine and sample (picture) of Drum-type (75-round) magazine would be provided by BOF (if necessary)		
m. While preparing quotations, the supplier must provide data/description against each requirement instead of merely writing/typing “ <b>comply/complied/yes</b> ”		

### **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) the necessity of **export permit/any another requirement** from the concern ministry or any other authority of manufacturer country and comply to complete that formalities with their own responsibility.
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 D.
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.**