

DETAILS OF THE MACHINE

Name of Machine	Specification	A/U	Qty
(a)	(b)	(c)	(d)
NC Vertical Milling Machine	<p>NC Vertical Milling Machine with all standard and additional accessories as per specification below :</p> <p>1. <u>Specification:</u></p> <p>a. <u>Working table:</u> (1) Length (Min) : 1350 mm (2) Wide (Min) : 350 mm</p> <p>b. <u>Travel of Table:</u> (1) X axis (Min) : 680 mm (2) Y axis (Min) : 330 mm (3) Z axis (Min) : 360 mm</p> <p>c. <u>Range of Rapid traverse:</u> (1) X Axis : 1~4000 mm/min (2) Y Axis : 1~4000 mm/min (3) Z Axis : 1~3000 mm/min</p> <p>d. Range of Cutting feed (X, Y & Z) : 1-2000 mm/min e. Main/Spindle Motor power (Min) : 7 kw f. Servo Motor power(Min) : (X =2, Y=2 & Z =4.5) kw g. Max. swivel angle of vertical head : ± 45° h. Table T-slots (Min) : 3 Nos. j. Range of Spindle speed : 50-1500 rpm k. Spindle Speed control (Min) : 15 steps l. Spindle taper : ISO50(7:24)/Machine Standard m. Distance from spindle center to vertical column (Min) : 350 mm n. Distance from spindle nose to table : 60~300 mm p. Swivel angle of vertical head (Min) : ±45° q. Positional accuracy (Min) : 0.03 mm r. Repeated positional accuracy (Min) : 0.015 mm s. Control type : GSK/FANUC/SIEMENS/HAAS t. Display monitor : To be Mentioned u. Power Supply : 380~400 V, 3Ph, 50 Hz</p> <p>2. <u>Conditions:</u> a. All standard attachment and accessories must be supplied with the machine. b. All optional items with price must be mentioned in the offer which will be certified by the machine manufacturer. c. Standard cooling, lubricating & lighting system should be provided with the machine. d. Machine installation, commissioning & trial run must be done by the supplier within one month (30 days) from the date of arrival of the machines at BOF. e. 1 x Operators manual/programming manual in English must be supplied with the machine. f. 2 x Maintenance/Repair manual in English must be supplied with the machine. g. Warranty for 01 (one) year after acceptance. h. All motors and drives should be of same control system. j. <u>Pre-Shipment Inspection :</u> (i) Pre-Shipment Inspection (PSI) will be carried out by BOF at the direction of BOF authority. The team may be comprised of 02 (two) BOF personnel for a period of 03 (three) working days excluding journey period. (ii) Supplier must submit details plan of PSI (Modus Operandi). (iii) Supplier must also mention PSI cost to be borne by them at their end. k. The supplier should give Service support for min. 05 (Five) years after installation of machine. l. Bidder should submit original leaflet/Brochure with the offer.</p> <p>3. <u>Country of Origin : Group B</u></p> <p>4. <u>Country of Manufacturing, Assembly & Shipment : Group B</u></p>	Nos	04 (Four)

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. 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.**