



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन एवं विकास मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, पी. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब 140306

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)

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IISER M(507)14/15 Pur.

Date : 27th February 2015

NOTICE INVITING QUOTATION

Sealed Quotations are invited on behalf of Director IISER Mohali for the purchase of following items so as to reach latest by 23rd March 2015 before 1 pm. The Quotations will be opened on the same day at 4 pm in the presence of tenderers, if any:-

Sr.	Description	Qty.
1.	Vertical Band Saw	1
2.	Metal Cutter	1
3.	Tube Cutter	1
4.	Materials – Brass, Stainless Steel, Copper, Titanium, Solid Teflon, Mild steel as per specification.	1 each
5.	Lathe Tools as per specifications	
6.	Work Bench	2
7.	Tool Cabinet	3
8.	Tool Trolley	1
9.	Display Panel	1
10.	Polisher	1
11.	Drilling Vice	1
12.	Ground Parallels	1

NB: Detailed specifications attached.

Sd/-
(Mukesh Kumar)
Assistant Registrar (S&P)

INSTRUCTIONS

1. Inquiry will be sent by UPC/Courier/Speed Post and IISER Mohali will not be liable for any kind of postal delay.
2. The Quotation should be addressed to the Director IISER Mohali invariably giving on the envelop reference number, last date & time of receipt of tender and date & time of opening of the tender.
3. One time importers from China with custom made specifications are highly discouraged.
4. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.
5. Firms will quote separately for each article.
6. The rates offered should be FOR Chandigarh/Mohali, in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms. Suppliers outside India may please mention the FOB/FCA price clearly.
7. In case of Ex-godown terms the amount of packaging forwarding freight etc should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payment towards any purchase, Letter of credit can be opened if required.
8. In case of foreign consignment CIF/FOB should be mentioned clearly. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY.
9. SALES TAX :- This Institute is not exempted from the payment of Sales Tax/Service Tax/VAT. The current rate (i.e. percentage of Sales Tax should be clearly indicated included or excluded) wherever chargeable.
10. The delivery period should be strictly adhered, the firm have to execute the supply according to purchase order.
11. The firms are requested to give detailed description and specifications together with the detailed drawings, printed leaflets and literature of the Article quoted. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars, the quotation is liable for rejection.
12. Validity of offer: 90 days.
13. Late or delayed quotation will not be accepted.
14. Service Facility: Please mention the nearest service center to IISER Mohali and the time required to attend the call.
15. The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved.
16. For any query, tenderers may contact via email : stores@iisermohali.ac.in

Specifications:

Metal cutter (Specification)

Cutting Capacity

Round (mm)	250
Square (mm)	225 x 225
Rectangle (mm)	250 x 175
Blade Dimensions(mm)	3300 x 27 x 0.9
Power Req. - Saw Drive (440V AC, 50Hz)	1.5 HP
Dimensions (LxWxH) mtr.	1.8 x 0.7 x 1
Weight (kg)	300-400 kg

STANDARD FEATURE & ACCESSORIES

- Complete with Electricals i.e., Saw drive Electric Motor, Coolant pump, On off contactor with Push Buttons
- V-belt pulleys with V-belt
- Job Stopper
- Oil field gearbox
- Friction Type Chip Removal Wire Brush
- Chip Removal Wire Brush
- Bi-metal Bandsaw Blades qty 5 no.(Size-3300*24*0.9)
- Job Roller Stand
- Mechanical Job Feeder Unit

Tube cutter specifications(cut -off-saw)

Power	2200 Watts
Voltage	220V
No Load Speed	3800 rpm
Wheel Dia	355mm
Bore Size	25.4mm
Round Pipe	125mm
Controlled start	Yes
Keyless Adjustable fence	Quick-Fence
Quick lock-vice	Yes
Stamped Steel base	Yes
Adjustable Spark Guard	Yes
Spindle Lock	Yes

Tube cutter specifications(cut -off-saw)

Max Cutting Capacity at 90° (Square Profile)	119mm X 119mm
Max Cutting Capacity at 90° (Rectangular Profile)	115mm X 130mm
Max Cutting Capacity at 90° (L-Shape Profile)	137mm X 137mm
Max Cutting Capacity at 90° (Round Profile)	115mm
Max Cutting Capacity at 45° (Square Profile)	98mm X 98mm
Max Cutting Capacity at 45° (Rectangular Profile)	115mm X 98mm
Max Cutting Capacity at 45° (L-Shape Profile)	98mm X 98mm
Max Cutting Capacity at 45° (Round Profile)	98mm
Weight	15-20 Kgs
Length	450-500 mm
Height	350-400 mm

Vertical band saw (Specification)

• Maximum work thickness in mm	150
• Throat (blade to column) in mm	250
• Main drive hp, 1440 rpm	3 hp
• Table size in mm	500*500
• Work table operation	manual
• Blade tension	manual
• Band speed (mtr / min)	20-100
• No. Of band wheels	2
• Blade size in mm	3000*27*0.9
• Coolant motor hp, 1440 rpm	0.14 hp
• Floor space size (l x w x h) in mm	1000*1000*1610
• Net weight in approx kg	500-600 kg
• Number of extra blades	05

Materials Required (Specifications as mentioned below :)

The materials are Brass, Aluminium, Stainless Steel, Copper, Titanium, Solid Teflon, Delrin, Mild Steel with the following dimensions-

Cylinder	Diameter (3 inches , 2 inches , 1 inches) and length 3 feet for Aluminium ,SS, Solid Teflon, Mild Steel Diameter (2 inches) and length 1 feet for copper , brass, Titanium, Delrin. Diameter (1 inches) and length 1 feet for copper , brass, Titanium, Delrin.
Square	2 inches, 3 inches and length 2 feet for Aluminium , SS , Solid Teflon , Mild Steel 2 inches and length 1 feet for Brass , Copper, Titanium, Delrin
Sheet	2 feet * 2 feet, thickness 2 mm and 3 mm (MS ,SS , Copper, Brass Aluminium, Titanium)
Flat	Thickness 13mm , Length 2 feet , width 25 mm (MS , SS , Aluminium)

Thickness 13mm , Length 1 feet , width 25 mm (Copper , Brass, Teflon , Delrin)

Lathe Machine Tools

High precision lathe cutting tools or CNC Turning tools such as Face/Turn tool ,Groove tool, boring tool cut off tool , Threading tool etc .

- Minimum Length of the Tool Bar for triangle type of insert 125-150 mm
- Triangle shape insert for each kind of tool 10 pcs
- Extra Screws for insert mounting for each kind of tool 10 pcs
- Appropriate Allen key set for each tool 2 pcs
- Face/Turn tool bar 2 pcs
- Groove tool bar 2 pcs
- Boring tool bar 2 pcs
- Cut off tool bar 2 pcs
- Threading tool bar 2 pcs

Work Bench

- Length 2000 mm
- Depth/width 800mm
- Height 800-900 mm
- Wooden Bench top thickness 25-40 mm
- Finishing Primer and Paint

Tool Cabinet

- 05 drawers roll cabinet
- Cuft 7.0
- NET WEIGHT 32 KG
- Gross weight 35 kg
- Ball bearing slide with quick disconnect
- Heavy duty 4 inch * 1 inch caster wheels
- Electro – powder coating to resist scratch and solvent markings
- 10 mm top mat
- All drawer appended to Drawer liners

Tool Trolley

- Dimensions (W*D*H) 873*500*880 mm
- Number of shelves 02
- Caster wheels 04 (2 fix and 2 movable)

Display Panel for workshop tools

- Size (width* height) 1 meter * 2 meter

Accessories

- **Polisher**
 - Bench top polisher
 - Power - 220 volt (single phase)
 - RPM - Standard
 - Polisher wheel = 04
- **Drilling vice (size – 100 mm and 150 mm)**

- **Ground Parallels :**

- Hardness :HRC 48-53 degree
- Process four side ground
- Accuracy:0.01 mm
- Size as mentioned below:

Body Size (W*H*L*Pcs)	Clamp Size(A*B*C*L*Pcs)
5*16*100 *2	15*31*2.5*200*2
6*18*100*2	
8*24*100*2	
10*30*100*2	
12*36*150*2	
14*48*150*2	
18*60*150*2	
22*62*150*2	