

भारतीय सूचना प्रौद्योगिकी अभिकल्पना एवं विनिर्माण संस्थान कांचीपुरम
Indian Institute of Information Technology, Design and
Manufacturing Kancheepuram, Melakkottaiyur,
Chennai – 600 127, Tamil Nadu, India.



Tender Document

For

**Supply and Installation of All Geared Vertical
Milling Machine**

Item	:	Supply and Installation of All Geared Vertical Milling Machine - 01 No. (Specification Enclosed)
Tender Enquiry No	:	IIITDMK/18-19/S&P/PRO/Manual Milling Machine/020 Dt.22.01.2019
EMD	:	Earnest Money Deposit (EMD) for Rs.9,500/- (Rupees Nine Thousand and Five Hundred only) in the form of Demand Draft/ Bankers Cheque/ Bank Guarantee drawn in favour of “The Registrar, IIITD&M Kancheepuram” payable at Chennai.
Submission of Offer	:	<u>Two Bid System:</u> Two bid system will be followed in this tender. In this system the bidder must submit his offer in two separate sealed envelopes . Both the technical bid and price bid envelopes should be securely sealed and stamped separately and clearly marked as “Envelope No : 1 – Technical Bid” and “Envelope No : 2 – Price Bid” respectively. EMD should be placed in the Technical Bid. . These two separate sealed envelopes should be placed in single envelope superscribing the tender No and description of the item.
Place of Submission Bid	:	The Registrar, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Off Vandalur – Kelambakkam Road, Melakkottaiyur, Chennai – 600 127.
Due Date (For submission of bids)	:	03:00 PM, 07.02.2019 (any bid received after the due date and time by any means will be summarily rejected)
Opening of Technical Bid	:	04.00 PM, 07.02.2019

Important:

All communications are to be addressed to in the name of Registrar, IIITD&M Kancheepuram only and not in the name of any officer and mails have to be sent to official purchase email id purchase@iiitdm.ac.in

Terms and Conditions

1. The Bidders are requested to give detailed tender in two bid format.

Envelope-I : **Technical Bid**
Envelope-II : **Commercial Bid**

2. The tender document can be downloaded from the IIITD&M Kancheepuram website www.iiitdm.ac.in at free of cost. The duly filled tenders should be submitted to Registrar, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Off Vandalur – Kelambakkam Road, Melakkottaiyur, Chennai – 600 127 **on or before due date 3.00 PM, 07.02.2019**. Extension of due date will not be entertained.
3. Tenders which are submitted without following the two bid offer system will summarily be rejected.
4. **Envelope No-1 : Technical Bid**

Eligibility Criteria & Technical Bid

- i) The Bidder should be an OEM (or) Authorized Dealer of the item requested. If the bidder is an authorized dealer, they should enclose the valid authorization certificate.
 - ii) The bidder should be experienced and should have supplied FIVE (05) “All Geared Vertical Milling Machine” of similar specification (mentioned in Part B Technical Specification of this tender) **not earlier than 01st January 2017**. (Enclose the copy of purchase order received).
 - iii) EMD for Rs.9,500/- (Rupees Nine Thousand and Five Hundred only) in the form of Demand Draft/ Bankers Cheque/ Bank Guarantee drawn in favour of **“The Registrar, IIITD&M Kancheepuram” payable at Chennai**. (The EMD without interest shall be returned to the unsuccessful bidders after finalization of the tender).
 - iv) The firms registered and having valid NSIC Certificate are exempt from submission of EMD.
 - v) The leaflet / catalogue in original etc. of the product quoted.
 - vi) Bids should have a validity of **60 days**. The technical offer **should not contain any price information**.
5. The bidders may note that they should submit all documents in support of eligibility criteria, EMD if applicable and technical details in the Technical Bid (Envelope 1). The bids not meeting the same will be summarily rejected. Hence the bidders are advised to ensure that all relevant documents in support of their eligibility are attached.
 6. **Envelope No-2 : Commercial Bid**
This should contain only the price information along with commercial terms and conditions.

7. **Opening of Technical Bids**

The technical bids will be opened on the scheduled date in the presence of the bidders or their authorized representatives who choose to attend the technical bid opening.

8. **Technical Evaluation**

- i) Eligibility criteria and all the technical aspects of the bids will be evaluated for suitability and specification. If required, the Institute may seek additional clarification from the bidders.
- ii) The technical recommendation shall be final and binding on all the parties.
- iii) The technically qualified firms will be intimated about Price Bid opening by email.

9. **Opening of Commercial Bids**

IIITD&M Kancheepuram will open commercial bids of only the shortlisted bidders in technical evaluation in the presence of the bidders or their authorized representatives who choose to attend the commercial bid opening. The representatives of shortlisted firms only will be allowed for commercial bid opening.

10. **Price**

- i) **The Price should be quoted in INR only. GST payable extra.**
- ii) The price quoted shall be for supply, delivery and Installation at specified room of IIITDM KANCHEEPURAM.
- iii) The packing, forwarding, freight, insurance and commissioning charges, if any extra may be quoted separately in commercial bid.

11. **Delivery Period / Timelines**

The deliveries and installation must be completed **within 6 weeks** from the date of purchase order. The time is the essence of the contract. It is mandatory for the bidders who respond to this bid to meet this expectation, as this is linked to student's Labs / classes.

12. **Supply & services**

- i) The items covered by this document is required to be supplied and installed at Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Off Vandalur-Kelambakkam Road, Melakkottaiyur, Chennai – 600 127, Tamil Nadu.
- ii) IIITD&M Kancheepuram will not provide any accommodation / transportation for the engineers / representatives for attending installation, commissioning and demonstration work. It is the absolute responsibility of the principal supplier / agent to make their own arrangements.

13. **Installation**

- i) Bidder shall be responsible for installation / demonstration as applicable and for after sales service during the warranty and thereafter.

- ii) Installation and demonstration to be arranged by the supplier.

14. **Warranty / Support**

- i) The items supplied shall carry the warranty as per the requirement mentioned in the technical specification.
- ii) The defects, if any, during the guarantee / warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any and should be borne by the beneficiary or his agent. A clear confirmation should be given for this item.
- iii) The bidder should arrange for technical support during warranty period within 24 Hours of lodging of complaint.

15. **Indemnity**

The vendor shall indemnify, protect and save IIITD&M Kancheepuram against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc., or such other statutory infringements in respect of all the items supplied by them.

16. **Freight and Insurance**

The items to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IIITD&M Kancheepuram site.

17. **Payment**

100% payment after delivery, installation and acceptance by IIITD&M on submission of Bank Guarantee for an equivalent value of 5% of PO value valid till warranty period plus 2 months.

The bidders may note that **Other modes of payment like advance payment and payment against delivery is not considered.**

18. **Penalty for delayed services / LD**

- i) As time is the essence of the contract, delivery period mentioned in the purchase order should be strictly adhered to. Otherwise LD clause will be applied / enforced.
- ii) If the supplier fails to supply, and fix the item as per specifications mentioned in the order within the due date, the supplier is liable to pay liquidated damages of 1% of order value for delay of every week or or part thereof subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.
- iii) IIITD&M Kancheepuram reserves the right to cancel the order in case the delay is more than 04 weeks and the contractor is not eligible for any damage from the Institute and contractor will forfeit his claim for EMD.

19. Purchasers right to vary quantities at the time of award

IIITD&M Kancheepuram reserves the right at the time of award of contract to increase or decrease the quantity of items specified in the schedule of requirements without any change in price or other terms and conditions.

20. Jurisdiction

The disputes, legal matters, court matters, if any, shall be subject to Courts in the district of Kancheepuram Jurisdiction only.

21. Force Majeure

- a) IIITD&M Kancheepuram may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that the delay, in performance or other failure to perform its obligations under the contract, is the result of a force majeure.
- b) If the due date of submission of tender / Tender opening is declared a holiday for the Institute, the due date for submission of tender / Tender will be extended to same time on next working day.

22. Arbitration

All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc., shall be referred by either party (IIITD&M Kancheepuram or the bidder) after issuance of 30 days notice in writing to the other party clearly mentioning the nature of dispute and will be referred to the arbitrator to be nominated by Director, IIITD&M Kancheepuram, India. The Venue for arbitration shall be Chennai, India.

23. Acceptance of the terms and conditions of tender document

The bidders has to accept all the terms and conditions of this tender document and it is made known that the bidders quoting for this tender had impliedly accepted the terms and conditions of this tender.

24. Interpretation of the clauses in the Tender Document

In case of any ambiguity / dispute in the interpretation of any of the clause in this tender document, interpretation of Director, IIITD&M Kancheepuram shall be final and binding on all parties. The IIITD&M Kancheepuram reserves the right to accept the offer in full or in parts or reject the offer summarily or partly without assigning any reasons.

Sd/-
कुलसचिव / Registrar
IIITD&M Kancheepuram

Item: All Geared Vertical Milling Machine

A. ELIGIBILITY CRITERIA :

SL. NO.	Eligibility criteria	Meeting / Not Meeting	Enclosures YES/No
1.	OEM (Or) Authorized Dealer , If Authorized Dealer the valid Authorization certificate from the OEM must be enclosed		
2.	Should have supplied FIVE (05) "All Geared Vertical Milling Machine" of similar specifications (mentioned in Part B Technical specifications of this tender) not earlier than 01 st Jan 2017 (enclose the copy of purchase order received)		
3.	EMD for Rs.9,500/- or Valid NSIC Certificate		

B. TECHNICAL SPECIFICATION:

All Geared Vertical Milling Machine - Quantity - 1 No.					
Sl. No.	Description of Requirement	Required Remarks	Offered	Deviation	Remarks
1	Table				
	Working Surface	1200 x 250 mm or more			
	Table Load Capacity	1000 kg or higher			
2	Traverses				
	X –axis	750 mm			
	Y – axis	400 mm			
	Z- axis	400 mm			
3	No of feeds	5 or more			
4	Spindle Taper	R8 Spindle or Similar			
5	Spindle speeds	4000 rpm above			
	Speed range	50– 1000 rpm or wider			
	Power feed	XY Axis			
	Transmission Type	Geared Transmission			
6	Main Motor	3 HP or more			
7	Coolant Pump	0.1 HP or more			
8	DRO	Required 2 Axis or more			
9	List of accessories required	Standard tools, tool holders and other necessary, Milling Machine Vice 6” (Swivel base), Clamping Kit – (Set of 58 Pcs), Machine Lamp, Machine Lamp Electrical Cabinet & Control Panel, Draw bar, One Shot Lubrication System,			
10	Warranty	3 Years Comprehensive from the date of installation at IIITDM			
11	Training	Minimum 2 days training at IIITDM			
12	Spindle Motor Make, Model Etc., etc.	Vendor to intimate			
13	Vendor to submit one set of all documents in best available condition one month prior to training cum pre-acceptance of IIITDM Staffs.	Vendor to confirm			

14	Tools and Equipment required for erection of the machine shall be brought by the vendor. Necessary tools like Torque Wrench, Spanners, Keys, grease guns etc. required for operation and maintenance of the machine should also be supplied by the vendor. List of such tools should be submitted with offer.	Vendor (to offer)			
15	Supplier to take full responsibility for carrying out the erection, start up, testing of machine, it's control & all types of other supplied equipment/accessories, machining of test pieces etc	Vendor to confirm & offer			
16	The Vendor to offer tooling package consisting of all toolongs i.e. cutting tools, tool holders for machining of following components. The tooling package should also contain sufficient number of consumables (inserts, Screws, Shims etc as well as Solid Carbide Tools) to machine the quantity of components mentioned below against each component. Item wise price shall be clearly indicated in the price bid. Detailed drawing /catalogue of all the tooling's are to be supplied in the event of order (in 3 sets).	Vendor (to offer)			

NOTE:

- Certified that we are meeting the Eligibility Criteria and enclosed all the required documents in support of the same. If the document is not in order or not enclosed or any information furnished is found to be false, we hereby agree that our bid is liable to be ejected.

Signature of the Tenderer
with seal