

Request for the Proposal

Supply, unloading, installation & commissioning of CNC VERTICAL MACHINING CENTER of Reputed brand (3+Rotary as 4th axes) as per the attached technical specification

To

IIA, Mechanical workshop, Bangalore.

*Indian Institute of Astrophysics,
Block II, Koramangala, Bangalore 560034.*

1. Scope of Supply:

Supply, unloading, installation & commissioning of CNC VERTICAL MACHINING CENTER (3+Rotary as 4th axes) of reputed brand as per the attached technical specification

2. Site location:

The Installation site is located at Indian Institute of Astrophysics, (IIA) Mechanical workshop, Koramangala, Bangalore. If machine requires a separate specific foundation for the installation of machine, then a detailed foundation plan design drawing along with electrical power, water supply, compressed air layout, controlled environment specifications and any other requirement as desired for the installation and commissioning of the CNC Vertical Machining center should be submitted by vendor to IIA along with the quotation.

3. Applicable standards:

Following standards of latest issue, in force at the time of placing order, shall govern various aspects of the work:

ISO 230-1-2012	Test code for machine tools--Part1:Geometricaccuracyofmachines operating under no-load or quasi-static conditions
ISO 230-2-2012	Test code for machine tools -- Part 2: Determination of accuracy and repeatability of positioning of numerically controlled axes.
IMTMSA-2-1987	Indian machine tool manufacturers ' standards association
ISO 230-2 Standard	Statistical testing of the operational and positional accuracy of Machine tools.
EN 60204 or IS:325	Safety of Machinery, Electrical Equipment of Machines
ISO 841:2001(E)	Industrial automation systems and integration — Numerical control of machines — Coordinate system and motion nomenclature

4. Qualification/Eligibility Criteria

1. Only CNC Vertical machine ORIGINAL EQUIPMENT MANUFACTURERS (OEM) or their authorized representatives/dealers are eligible to bid (valid licence certificate shall be provided). Product quoted must be of standard/ enhanced version of standard catalogued product of the OEM and hence machine with detail product catalogue with all specified parameters and features shall be furnished. Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid. If an agent submits bid on behalf of a Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product. All offers other than those from the Principal/OEM should be supported by an authority letter from the manufacturer authorizing the supplier to tender on their behalf. In case of manufacturer a certificate or a copy thereof to the effect that the bidder is a manufacturer of the equipment must be accompanied with the technical bid.
2. OEM shall have manufactured at least two similar machine (in capacity, accuracy) or higher capacity and better accuracy machine in last three years and working satisfactorily. Bidders are requested to give a list of their customers for similar machine (along with contact details) in India where their machines are installed. At least two such machine should be located in Government / PSU/ Research Laboratories/ Reputed private sector unit in India working

Satisfactorily with service support from OEM (details to be provided along with offer). If required, bidder shall be required to arrange necessary permission to visit such sites of installation. Details may be furnished with completion certificate. Copies of purchase order related to this shall be enclosed along with the technical bid. The vendor quoted for the machine should have supplied the item to standard well know Government / PSU/ Research Laboratories, tested and certified for the specific parameters of the machine.

OEM shall have well documented internal quality assurance system like ISO 9001: 2009 or latest version submitted along with offer. Written records of the processes to be used for design, procurement, manufacturing and quality control shall be available with the bidder for verification. IIA will verify the technical information of the components/products/materials/processes proposed by the bidder at the time of technical evaluation of bids.

- 3. The vendor may be asked to make a PPT presentation in front of a technical committee of the purchaser where he will need to explain the technical details of the proposed bid and understanding of the technical work content.*
- 4. Vendors are requested to submit their technical bid along with Company profile, infrastructure facilities of machineries and supporting documents with respect to eligibility criteria specified in the RFP shall be accepted with seal and signature on all pages.*
- 5. The Techno commercially qualified agency for supplying the Vertical machining center(3+ Rotary axes as 4th axes) as per the technical specification is essential to have at least a sub-office at Bangalore in which their Maintenance Engineers have to be residing at this Bangalore office. They must be in a position to attend any kind of general maintenance of the machine with minimum time. They should be in a position to discuss and give decisions immediately on issues and queries that may come up before and after the warranty of the machine, so that the work progress at IIA is not hampered*
- 6. OEM shall have all the necessary in-house facilities in terms of trained manpower, infrastructure for design, manufacturing, assembly and testing of machine as per tender specifications. The bidder shall have a design office for engineering drawings and detailing of the work involved. Copy of relevant chapters/sections/pages of the applicable standards proposed to be followed, shall be available with the bidder for verification. If the facilities or the personnel are not found to be capable of completing the work as per these specifications, the bid would be rejected.*
- 7. The bidder must have repair, maintenance and up-gradation facility in India with office at Bangalore.*
- 8. The vendors have to compulsorily submit the compliance statement; otherwise their offer will not be considered for further evaluation. Before entering the compliance statement, vendors are advised to refer the detailed specification provided. Compliance Matrix showing response to each point in Technical Specification with required supporting documents shall be uploaded in Technical Bid (Part-1)*
- 9. Performance Bank Guarantee (PBG): PBG @ 3% of order value to be submitted in the form of Bank Guarantee from a Scheduled Bank, valid till successful completion of all contractual obligations, including the warranty period, in case PO/Contract is awarded.*

10. *Liquidated Damages (mandatory compliance required) - The delivery period mentioned in the order is the essence of the order /Contract. In case of delay in delivery of indented stores as per the delivery schedule mutually agreed and stipulated in the order, Liquidated Damages@0.5% per week (or part thereof on the undelivered portion) subject to a maximum of 10% of the contract value shall be levied. Hence delivery date mentioned in the quotation shall be realistic. Failure to comply shall lead to the rejection of offer.*
11. *Indian Institute of Astrophysics, Bangalore will only provide the dedicated space for installing the equipment on-site with electrical source, water point and LAN port ONLY. It is the responsibility of the supplier to unload the components on-site, and the charges for the same (if any) have to be borne by the supplier.*
12. *It is the responsibility of the supplier to mention and quote all the accessories required for proper functioning of Vertical Machining center (3+Rotaryas4thaxes) in their technical bid.*
13. *All the essential accessories required to install and run the Machine smoothly shall be under the scope of the vendor and must be specified in the technical bid and accordingly should be quoted in the price bid. After issuance of PO, requests for purchase of any accessory will NOT be entertained.*
14. *LD, Warranty, PBG, SD clauses are mandatory and offer without acceptance of these clauses will not be considered for evaluation.*
15. *The spare parts/wear & tear consumables, if any, required for trouble free operation of equipment to be quoted separately giving the full nomenclature, rate, quantity and shelf life of each item.*
16. *The bidder shall clearly categorize the basic / standard feature as well as optional features of the equipment in order to have clear cost comparison.*
17. *All registered MSME vendors are requested to provide their Registration and Ownership details. MSME registered vendors are not exempted from the submission of Security Deposit.*
18. *Only Class-I Local Supplier and Class-II Local Supplier as defined under the Government Order No.P-45021/2/2017-PP (BE-II) dated 16th September 2020 shall be eligible to bid.*
19. *Vendors are requested to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for Class-I local Supplier / Class-II local supplier as the case may be as per the Office Order No. P-45021/2/2017-PP (BE –II) dated 28.05.2018, 29.05.2019 and 04.06.2020. Vendors are also requested to give details of the location(s) at which the local value addition is made.*
20. *Vendors shall provide the name, address, email ID and contact number of authorized official in order to contact in case of need.*
21. *If any vendor submits forged / false documents along with the tender, offer of such vendors will be summarily rejected and such bidders will be blacklisted for all future tenders.*
22. *In order to avail of the benefits extended by Government of India to the Micro and Small sectors, please submit attested copy of the valid Entrepreneur Memorandum signed by competent authority along with your offer.*

23. *Indian Institute of Astrophysics has the right to cancel the tender without assigning any reason thereof.*
24. *Offer Validity: Minimum 120 days [for Two Part Tender]. Mandatory compliance required. Any offer with lesser validity will be treated as unresponsive and will be excluded from the procurement process.*
25. *Delivery Period: Successful bidder has to supply the items within short duration from the date of receipt of PO.*

Note :

- a. *Bidder to furnish stipulated documents like copy of PO, invoice, Work Completion Certificate of already executed contracts in support of fulfillment of essential qualifying criteria. Non-submission of documents may lead to rejection of offer.*
- b. *All experience, past performance and capacity/capability related/ data should be certified by the authorized signatory of the bidder firm. The credentials regarding experience and past performance to the extent required as per eligibility criteria submitted by bidder should be verified from the parties for whom work has been done.*

5. **BIS Certification/I.S.I. Certificate:**

- a) *Items, for which BIS or ISO or other specifications have been specified, should be certified to be of the specified standard by the Bureau of Indian Standards (BIS) and have the necessary valid licenses at the time of the supply orders. In cases of non-availability of BIS certification and valid license, a certificate from a Government recognized test house should be attached specifically certifying that the supplied item conforms to the IS/ISO standard as specified. If the specified IS/BIS/ISO standard has been superseded by a more recent standard, then the more recent standard will be considered by the Tender Selection Committee.*
- b) *In items requiring mandatory certification under the relevant law, the manufacturer should have the necessary up to date licenses/ certifications from BIS and/or other statutory authorities as applicable.*

6. **First filling of lubrication oils:**

First filling of all required Oils & Grease etc. for the machine to be supplied by Bidder. Indigenous (Indian) source and specifications of oils/ greases are also to be provided by the Bidder.

7. **Preferred make of items:**

To ensure good quality of machine, the supplier should offer/use good quality of bought out items. The preferred make of some of important bought out items are listed below. Bidder can offer other make equivalent in quality also. In such case supporting document in terms of equivalent quality shall be enclosed. However IIA has right to accept or reject the offered make/product.

Item/Components	Make
<i>Linear Motion guides</i>	<i>THK/ Schneeberger/Thomson/HIWIN</i>
<i>Ball Screws</i>	<i>THK/Tsubaki/Thomson/HIWIN/PMI</i>
<i>Electrical control gears/switch gear, MCBs, Protection relays</i>	<i>Siemens/Telemecanique/L&T/Schneider/ Ysl</i>
<i>Limit Switches with LED indication (if any)</i>	<i>Siemens /Tecniq Euchner /Balluf</i>
<i>Servo Controlled Voltage Stabilizer</i>	<i>Neel /Servomax/Aplab/Consul</i>

8. **Payment Terms:**

GeM Portal Payment Terms will apply

9. **Site Preparation:**

The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The supplier shall visit the Institute and see the site whether the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements

10. Guarantee /Warranty:

Two year warranty has to be provided by the firm from the date of the satisfactory installation / commissioning of equipment against the defect of any manufacturing, workmanship and poor quality of components. In case, there is any variation in the warranty as per the specification of the item /equipment, the warranty as specified in the specifications shall be final.

In case, supplier fails to repair / or rectify the equipment during the warranty / guarantee period, Institute may employ or pay other person/company for repairing the equipment, and all such damages, loss and expenses shall be recovered from the supplier. Annual Maintenance Contract charges for 3 years after the expiry of warranty period should be quoted.

11. Penalty Clause-

- A. In case of supply of the sub- standard items, any such items determined by the appropriate authority will not be accepted and the payment for such items will not be made to the supplier.*
- B. Debarment from participation in next tender processes. The tender selection committee reserves the right to declare a firm/ Company blacklisted for five years due to the following reasons:*

If the supplier

- i. withdraws from agreement after being the —Lowest Quoted Tenderer*
 - ii. Failure in supply within stipulated period.*
 - iii. For supply of substandard items within tender period as determined by the Competent Authority.*
 - iv. In consequence of submission of false or fabricated documents by any firm/ company for participating in the tender, if proved later on.*
 - v. Tenderer who have quoted absurdly high or low rate in the opinion of Tender selection Committee, with the intention to vitiate the tender process.*
 - vi. Submission of tender for the product(s) for which the concerned company has been blacklisted either by the state Government other State / Central Government Organization.*
 - vii. Submission of tender during the period of blacklisting of Concern / Company either by Tender*
 - viii. Inviting Authority or by any State Government or by other State/Central Government.*
- C. Financial Penalties for deficiencies in services/supplies during the period of the tender and its subsequent extensions as per the contract.*

12. Documents to Be Supplied

- 1. Machine Test Charts and Reports - 1Set*
- 2. Foundation Plan and Foot prints & also mentioning environmental conditions - 1Set*
- 3. 3 Installation, Operation and Maintenance Manual - 2Sets*
- 4. Electrical / Electronic circuits, PLC diagrams etc. - 2Sets*
- 5. CNC Programming Manual - 2Sets*
- 6. Unloading drawing.*
- 7. Electrical Circuit drawing -2 Sets,*
- 8. Spare parts manual with price list valid for two years - 2Sets*
- 9. Pre Dispatch Inspection:*

A pre-dispatch inspection shall be carried out at firm's premises for a period of 3 working days unless explicitly exempted/waived by written intimation. One officer/executive and one supervisor will be deputed for the pre-shipment inspection from IIA, Bangalore. All components functions will be tested and proved at supplier's premises prior to delivery.

All the systems functions will be tested and demonstrated to the satisfaction of IIA, Bangalore as per the technical specification in the tender document. The Firm shall notify the readiness of stores at least 30 days prior to delivery schedule.

13. INSTALLATION AND COMMISSIONING:

I&C to be carried out by the supplier at Indian Institute of Astrophysics, Block II, Koramangala, Bangalore -560034.

14. TRAINING:

Required number of days of training at Indian Institute of Astrophysics, Bangalore premises after completion of Installation and Commissioning shall be provided by the engineer of the supplier firm on operation and maintenance.

15. Quality Control Requirements

- a) *Final Acceptance Test (FAT): Upon completion of installation & commissioning work at the purchaser premise, purchaser will run the machine in presence of suppliers staff. The FAT will be carried out for a period of 5 full working days to the satisfaction of purchaser. A full working day means 8 hrs in a single shift. Training at Purchasers site:*
- b) *The supplier shall ensure the satisfactory commissioning of the system & to run the system as per IIA Technical Specification.*

16. SPECIAL FEATURES SAFETY DEVICE & FAULT FINDING DEVICE:

Necessary interlocks for ensuring safety shall be provided. Fault finding/fault tracing device shall also be incorporated. The machine shall be ergonomically designed for operator and maintenance persons working on the machine.

The machine shall be so designed that the adjustment of Key parameters of operations can be set without stopping the machine through computerized control system of machine. Overload Protection in the system is mandatory. The machine shall be so designed that it facilitates easy access and fast Changeover of parts, various tool setting and maintenance of machine parts and sub-assemblies.

The machine shall be fully automatic and requiring minimum manual intervention. Numerical Control and Programmable Logic Control and Monitoring of the machine shall be highly reliable and of the best quality, latest reputed brand available in the market. The control system shall be interactive with visual aids, menu driven and operator friendly. Control Panel shall be of latest design with all displays, commands and message function required to operate and maintain the machine and it shall be available with simple prompts on the screens. Automatic fault diagnosis, troubleshooting shall be available with the machine.

Sound dampening panels and safety covers on the machine shall ensure permissible sound level and high safety standards as per best practices and international standards in this regard.

17. NOISE PROTECTION

Machine shall be provided with Noise absorbing and Noise dampening panel. Feeding or exit opening shall be through noise traps ensuring screening of noise within permissible noise level of 85 DB (max.) around machine enclosure at one meter.

18. Safety Arrangements

Machine shall have adequate and reliable safety interlocks/devices to avoid damage to the machine, work piece and the operator due to the malfunctioning or mistakes. Machine functions shall be continuously monitored and alarm/warning indications through lights shall be available. A detailed list of all alarms/indications provided on machine shall be submitted by the supplier. All the pipes, cables etc. on the machine shall be well supported and protected. These shall not create any hindrance to machine operator's movement for effective use of the machine. All the rotating parts used on machine shall be statically and dynamically balanced to avoid undue vibrations. Emergency Switches at suitable locations as per International norms shall be provided. Oil and water pipe lines shall not run with electrical cable in the same tray/trench.

19. Insurance:

All the transit insurance shall be arranged by the supplier with the Indian Insurance companies which will be in the account of the supplier

20. Machine Acceptance Test

In view of high accuracy requirement, Bidder will have to demonstrate the accuracy and specifications of the machine to our engineer at their manufacturing plant before dispatching the machine. In case, our engineer does not visit the manufacturing plant, bidder shall conduct geometrical accuracy test and positioning accuracy tests as per the applicable standards and provide detailed test results / charts for the model offered prior to dispatch of the machine to IIA.

Note:

All tests will be witnessed by IIA representatives.

Before calling IIA representatives for pre-dispatch inspection, supplier has to send the inspection report as per the technical specifications of IIA and report of completion of assembly of machine in all respects to IIA. These tests shall be carried out once again in presence of IIA representatives for their witness.

The inspection equipment and manpower shall be arranged and borne by the machine builder for inspection.

21. Specifications of Vertical Machining Center (VMC) :

Vertical Machining Centre(VMC) with Standards and Accessories		
SL. No.	DESCRIPTION	SUITABLE MODEL OF THE FOLLOWING SPECIFICATIONS
01	Material that can be milled	a. Metal: Mild Steel, Alloy steel, Aluminum, Copper, Cast Iron etc. b. Plastic: Nylon, ABS, Acrylic, Polycarbonate etc.
02	Travel	a. X-axis: 800mm b. Y-axis: 450 mm c. Z-axis: 500mm d. Track Type: LM Guide for all three axes.
03	Feed Rate (Rapid) Feed Drives	a. Rapid Traverse X axis: 36m/min. b. Rapid Traverse Y axis: 36m/min. c. Rapid Traverse Z axis: 24m/min. d. AC Servo drives e. Hardened & Ground Ball Lead Screws in all three axes f. Hardened and Ground Linear Motion guide ways in all three axes g. Feed rate 1-10000mm/min. h. X&Y axes ball screws directly coupled to axis motors i. Positioning measuring system using absolute encoder
04	Feed Rate (Cutting)	a. X axis: 10 m/min. for all the three axes. b. Pitch error and backlash compensate c. Absolute encoder on X,Y,Z Axes
05	Spindle & Spindle motor power continuous rating	a. Direct drive/AC Spindle drive: Variable Speed 6000 rpm or better b. Power: 7.5 Kw cont./11 Kw(15 min.) c. Spindle Bore Taper: BT40 type d. Axes drives : Including precision, preloaded ball screw and nut assemblies
06	Machine Table	a. Table Size: 1050 mm or 1000 x 450 mm (Tilting and Rotary type) b. T-slot: 5 x 18 x 80 mm and 'T' bolts/nuts for Table c. Maximum load on table: 600kgs. d. Rotary table size as Dia 200 mm UCAM as 4 th axis e. Manual chuck & tail stock not required.
07	ATC(Automatic Tools Changer)	a. No. of Tools: 24 Nos. b. Twin arm type automatic tool changer c. Tool selection: Random d. Max. Tool Diameter with adjacent Tool: 75mm e. Max. Tool Length: 250mm f. Max. Tool Weight: 8Kgs. g. Tool Change Time (Tool to Tool): 3Sec.
08	Feedback System	Built-in Encoder
09	CNC Control	a. Latest Version of Fanuc Control 0i MF /Siemens 828D/Reputed equivalent brand. b. LCD Color Monitor with Keyboard c. Swiveling panel within build keyboard, monitor & operating knobs. d. Feed control potentiometer 10%, Increments from 0-150% e. Spindle speed controllable along with display percentage f. Emergency brake knob g. Machine hour reading (on LCD) h. Spindle load display (on LCD) i. Built-in AC for control cubicle

10	Coolant system & Chip Conveyer	<p>Coolant System: Auto & manual coolant system with coolant tank including pump capacity of 45lpm at 2 bar pressure. Must Have Head/Ring Coolant system for cooling jobs while machining Chip Pan. Automatic centralized. Lubrication system, coolant flush for chip cleaning</p> <p>Chip Conveyer: Chip conveyor with Chip Cart to avoid spillage of coolant</p>
11	Feature/Accessories	<ul style="list-style-type: none"> a. Full guard enclosure to enable a clean premise throughout the operation. b. Coolant Gun, Air Gun c. Work Light d. Signal Lamp e. Tool kit for operating of machine f. Leveling Footpad with anti-vibration foundation proof g. In-built AC for CNC Control Cabinet h. Remote hand Wheel i. Spindle Air Blast j. Machine Vice (holding job): 200mm (1 No.) k. Full cover, Rigid tapping, process completion lamp (3tire) l. One set of maintenance tools in a box, Leveling blocks m. Full machine guard n. Installation accessories o. Automatic lubrication system p. 3 Tier Lamp q. Suitable noiseless reputed brand compact screw air compressor of required pressure with necessary routing of supply line.
12	Documentation (Two sets)	<ul style="list-style-type: none"> a. Machine Catalogue/Manuals b. Machine Drawing c. Quality Test records d. Circuit Diagrams e. Maintenance / repair charts f. Preventive maintenance instructions g. Lubrication chart & parameter list h. Instruction manual for supplied coolant
13	Warranty	Min. two years or more for full Machine
14	Installation & Commissioning & inspection	<ul style="list-style-type: none"> a. CNC should pre inspect b. The complete installation and commissioning must be carried out by the supplier at the final destination
15	Service	Manufacturer/Company should have servicing network in India and service support at Bengaluru with minimum time.
16	Training (at our place)	<ul style="list-style-type: none"> a. Operator/Staff training: 5 days or more as required b. Programming course: more than 3days c. Maintenance course - mechanical, electrical and Electronic: 3 days or more d. Machine Foundation bolts and Leveling pads e.
17	Accuracy	<p>Positional and repeatability accuracies shall be as per ISO Standards</p> <ul style="list-style-type: none"> a. Positioning of X, Y, Z axis: 0.012mm(12 microns) or better b. Repeatability accuracy: 0.010mm(10 microns) or better <p>micrometer Vernier caliper has to be supplied with machine.</p>
18	Power supply	Servo -Voltage stabilizer with input 440Volt, 3phase, 50HZ compatible to machine. Transformer if required only or else may be eliminated

19	Pre dispatch inspection	<i>IIA team wants to visit our premise before dispatch of machine. All Operations of machine to be demonstrated by supplier on 2Nos.sample on any different materials (MS steel, brass, aluminum, nylon)</i>
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Standard Features of Latest Version of Fanuc Control 0 i M F p l u s /Siemens 828D/Reputed equivalent brand.

- 3 axes control
- Resolution 0.001mm
- DNC operation
- Linear interpolation
- Circular interpolation
- Cylindrical interpolation
- Helical interpolation
- Thread cutting
- Backlash compensation
- Pitch error compensation
- 10.4" colour TFT
- Absolute/incremental programming
- Polar co-ordinate
- Inch/metric conversion
- Background editing
- Canned cycles
- Look ahead function
- Feed override up to 150%(in steps of 10%)
- Spindle override 50-120% (in steps of 10%)
- Run hour parts count
- USB • Rigid tapping
- PCMCIA card
- Ethernet

22. SPECIFIC TERMS & CONDITIONS

1. *This is a Two-Part tender i.e. Techno-Commercial (Part-I) and Price Bid (Part-II). Hence all technical & commercial details shall be furnished in the Techno-Commercial Bid while price shall be indicated only in the Price Bid.*
2. *This being a two part tender, Technical & Commercial Part and Price Part separately, the tenderers should not attach any documents containing Pricing information along with Technical Bid (Vendor Specified Terms and supporting Documents from Vendor). We do not open PART-II (Price Bid), if PART-I (Technical & commercial Offer) does not meet with our technical specification requirements.*
3. *Our Tender Enquiry contains technical requirements and specification. The detailed technical specification of your offer should be covered in the technical part. The Technical documents need to be attached online as a single PDF file without any price information. Technical bid containing Price details will be treated as unresponsive offers and will be rejected.*
4. *Compliance Matrix showing response to each point in Technical Specification with required supporting documents shall be uploaded in Technical Bid (Part -I)*

5. *The bidder must provide a Technical Compliance Statement compulsorily in the technical bid (Part –I, with comprehensive information for every component, supported by documentary (catalogues/brochures from the OEMs) as evidence otherwise their offer will not be considered for further evaluation. The comprehensive information refers to specific value or equivalents required. Mere stating ‘Compliance’/ ‘Offered’/ ‘Agreed’ etc. against any requirement will not be considered.*
6. *During the tender evaluation process, the Bid A will be opened first. Those Tenderer who have qualified the essential requirements will be identified. On the basis of the supplied documents, the Tender Selection Committee will assess the capability of the bidders for supplying the CNC vertical machining center of the state during the tender period and then only their Bid B will be opened. The Bid B of those Tenderer failing to meet the essential requirements of participating in the tender will not be opened and be rejected.*
7. ***In case, the bidder fails to attach required catalogues/brochures from the OEM to support their claim for the product components listed and required for this facility, IIA Bangalore has the authority to disqualify the bidder without any further communication. Technical comparative study will be made purely based on the documents submitted by the bidder at the time of tender submission.***
8. *All the pages of this tender document **must** duly be signed (with seal) by the bidder, and a copy of the same must be submitted along with their bids. Please note that this signed copy is in addition to the Technical Compliance Statement.*
9. *The date and time of the price bid opening will only be communicated to the technically qualified bidders*
10. *Road worthy packing of the machine shall be done in prevent any damages to the machine and the responsibility lies with the vendor until installation of machine at the site.*
11. *The Technical Specification / Drawing / Product Catalogues / Works carried by vendor / Make offered etc. as a single PDF file without any financial details has to be uploaded online mode by the vendor.*

12 Where agents participate in a tender

- a. *Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.*
- b. *If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.*

Contact details :

For technical clarifications

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