



Office of Deputy Registrar (Purchase)
Indian Institute of Science (IISc)
Bangalore – 560012
(<https://www.iisc.ac.in>)

NOTICE INVITING TENDER

in e-Tender mode only on the
Central Public Procurement Portal (CPPP) of Govt. of India
under the two-cover bid system

for

Supply and Installation of 3-Axis CNC Machine at IISc - Challakere Campus

Tender No: IISc/Purchase/CDC/2020/13

Date: 27th July 2020

Contact Details for this tender:

Chair

Challakere Empowered Committee
Challakere Development Centre Office
Indian Institute of Science
Bangalore 560012

Email: bgm@iisc.ac.in

CPPP Tender Submission website:

<https://eprocure.gov.in/eprocure/app>

1. Introduction

Established in 1909, Indian Institute of Science (IISc), having its main campus at Bangalore (Karnataka, India), is India's leading institution of advanced education and research in the sciences and in engineering. It is a Deemed-to-be-University as per Section 3 of the UGC Act 1956 under Ministry of Human Resource Development (Govt. of India). On the 11th of October 2018, the Indian Institute of Science (IISc) was formally notified as an Institution of Eminence (IoE) by the Govt. of India. From its beginnings, IISc has laid equal emphasis on fundamental investigations and the solution of practical problems in such a setting.

The Institute also has a new campus at Challakere in the Chitradurga district of Karnataka. The flagship project of this 1,500 acre campus has been a training programme for science teachers. This programme has now been recognized as a Centre for Excellence in Science and Mathematics Education by the Government of India.

The Institute invites bids from reputed Original Equipment Manufacturer (OEM) / OEM authorized distributor for **Supply and Installation of 3-Axis CNC Machine at IISc - Challakere Campus.**

Detailed technical specifications are mentioned in the subsequent sections.

The bids must have to be submitted in ONLINE mode through e-procure module of Central Public Procurement Portal (CPPP) of Govt. of India in two-cover bid system.

Schedule of Events

Tender Publishing Date	27 th July 2020
Deadline of submission of pre-bid query by email	3 rd August 2020, 5:00 PM IST
Deadline for submission of bids on CPPP	21 st August 2020, 5:00 PM IST
Opening of technical bids on CPPP	24 th August 2020, 11:30 AM IST
Listing of technically qualified Bidders on CPPP	To be declared later
Opening of price bids on CPPP	To be declared later

Any query / correspondence should be sent to the email (bgm@iisc.ac.in) given on the title page of this tender. Query / correspondence sent to any other person / official, will not be entertained. IISc has absolute right to modify date & time of an event.

2. Technical Specification

Supply and Installation of 3-Axis CNC Machine at IISc - Challakere Campus

1. Complete Technical Details for the subject item is mentioned in the table given below in column #2
2. The bidders are required to provide details of their offered item in Columns #3, #4, and #5. If required, bidders may attach extra / separate sheets by giving proper reference here.

3-AXIS CNC MILLING MACHINE				
(Columns # 3, #4, #5 must be filled-in by the Bidder and be submitted with the Technical Bid)				
(#1) Sl. No.	(#2) Description	(#3)	(#4)	(#5)
A.	Technical terms and conditions	COMPLIANCE (YES/NO)	DETAILS OF THE OFFERED SPECIFICATION	REMARKS
A.1	A.1 The scope is to supply, erect and commission a 3 axis CNC milling machine with NC dividing as per the detailed specifications furnished hereunder.			
B	Specification:			
B.1	Type	* Column and bed type / fixed gantry moving saddle & table * Vertical spindle. * Cast Iron / Steel table stress relieved.		
B.2	Minimum Warranty	Three Years		
B.3	Axes Travel			
B.3.1	X-Axis(Nominal)	800 mm		
B.3.2	Y-Axis(Nominal)	540 mm		
B.3.3	Z-Axis(Nominal)	620 mm		
B.4	Accuracy			
B.4.1	Positional uncertainty as per VDI/DGQ3441or Positional Accuracy as per ISO 2302 for linear axes	8 microns or better		
B.4.2	Minimum increment	0.001 degree		
B.4.3	Centre Height (Nominal)	140 mm		
B.4.4	With directly mounted Precision Rotary Encoders.	Required		
B.5	Feed Back system			

B.5.1	Type of feed back	Closed loop			
B.5.2	Feed back elements	Direct feed back System with precision linear scales for X, Y & Z.			
B.5.3	Resolution	0.001 mm			
B.6	Table specification				
B.6.1	Table size (Nominal)	1000 x 600 mm			
B.6.2	Admissible load	800 to 1500 kg			
B.7	Feed - Linear Axes				
B.7.1	Type of drive	AC digital drive			
B.7.2	Feed rate	1- 20, 000 mm/min (or) better			
B.7.3	Rapid traverse	35 m/min (or) better			
B.7.4	Guide ways	LM guide ways			
B.7.5	Drive element	Preloaded back lash free ball screws			
B.8	Spindle				
B.8.1	Type	AC direct drive			
B.8.2	Speed range	14000 rpm (Infinitely variable)			
B.8.3	Spindle taper	ISO 40/ HSK 63			
B.8.4	Max. Power(S1/S6)	14/25 kW			
B.8.5	Max. Torque(S1/S6)	70/130 N.m			
B.8.6	Speed - Torque/power characteristic	To be provided			
B.8.7	Clamping/ unclamping	Hydraulic/ Pneumatic			
B.8.8	Spindle Cooling System	To be provided			
B.8.9	Bearing protection	To be specified.			
B.9	CNC System				
B.9.1	Controller	Fanuc or Siemens 840D			
B.9.2	Hardware				
B.9.2.1	Resolution	1 microns			
B.9.2.2	Controllable axes	X, Y, Z			
B.9.2.3	Look ahead	99 NC blocks			
B.9.2.4	Display	19"			
B.9.2.5	NC memory	10 MB			
B.9.2.6	Hard disk capacity	16 GB			
B.9.3	Programming				
B.9.3.1	ISO programming in metric	Required			

B.9.3.2	Free contour programming			
B.9.3.3	Parametric programming			
B.9.3.4	Mathematical functions, logical operators			
B.9.3.5	Coordinate transformation			
B.9.3.6	Graphics			
B.9.3.7	Sub programs			
B.9.3.8	Programming aids			
B.9.3.9	Parallel programming			
B.9.4	Cycles			
B.9.4.1	Drilling & tapping cycles	Required		
B.9.4.2	Thread milling cycles			
B.9.4.3	Multi operation machining of pockets			
B.9.4.4	Contour pocket machining cycles			
B.9.5	Interpolation			
B.9.5.1	Linear interpolation in 3 out of 3 axes	Required		
B.9.5.2	Circular interpolation in 2 out of 3 axes			
B.9.5.3	Helical interpolation			
B.9.5.4	Rigid tapping			
B.9.6	Compensation			
B.9.6.1	Cutter radius compensation	Required		
B.9.6.2	Tool length compensation			
B.9.6.3	Quadrant error compensation			
B.9.6.4	Pitch error compensation			
B.9.6.5	Back lash compensation			
B.9.6.6	Pitch error with out compensation	Less than 15 microns		
B.9.6.7	Back lash with out compensation	Less than 20 microns		
B.9.7	Operator Interface			
B.9.7.1	Solid graphics simulation	Required		
B.9.7.2	Feed & speed override rotary switches			
B.9.7.3	Electronic hand wheel in portable housing			
B.9.7.4	Block searching with automatic updates of axes			
B.9.7.5	Positions & parameters			
B.9.7.6	RS232C serial communication interface port			

B.9.7.7	USB port - Minimum - 2 Nos.				
B.9.7.8	Ethernet adaptor & port for networking				
B.9.7.9	3D CAD Model of the Machine	Required			
B.10	Lubrication - all axes guide ways & ball screws	Automatic centralized lubrication			
B.11	Coolant system	Coolant shall be supplied through a set of nozzles located around the spindle. * Pressure : 3 bar min * Flow rate: 20 lpm (approx.) Party to specify capacity of coolant tank and filtration method and other details. Additionally coolant through tool centre shall be provided. * Pressure: 20 bar min			
B.12	Chip Conveyor	Please provide details			
B.13	Tool Magazine				
B.13.1	Number of tools	30 Nos			
B.14	Tool Changer	Auto tool changer, please give details.			
B.15	Safety features/ machine guarding				
B.15.1	All moving parts /guide ways/ ball screws shall be protected against dust incursion by providing suitable covers /bellows	Please provide complete details in the Technical Bid			
B.15.2	Machine shall be provided with adequate guarding and doors.				
B.15.3	Sight glass shall be provided for better visibility during machining which includes safety rotating glass and a fixed glass on operator side.				
B.15.4	Control system elements shall be enclosed in a dust-proof cabin with air conditioning				
B.16	Power supply	AC 415V±10%, 50 Hz ± 5%, 3 Phase &			

		neutral 4 wire system			
C	SPARES:				
C.1	Party shall Provide list of recommended spares required for a period of 2 (two) years after the expiry of warranty period in the technical bid and its prices should be included in the comprehensive Annual Maintenance Cost (CAMC) quote in price bid.				
D	SUPPLY OF TOOLS:				
D.1	Necessary standard tool kit for O&M purpose -1 nos.				
D.2	Supplier shall specify prices in the quote for one set of cutting tools, inserts, tool holders, mechanical bed clamping's and related job holding fixtures.				
E	TECHNICAL DOCUMENTATION:				
E.1	Following information in full shall be submitted along with the offer: * Machine layout drawing indicating shop floor space and machine weight. * Printed catalogue of the offered machine. * Actual test certificate of similar machine manufactured by the manufacturer * Details of customers to which similar machines have been supplied				
E.2	Two sets of the following technical documentation in 'English' shall be supplied along with the machine: * Instruction/ Operational manual * Spare parts manual * Maintenance manual for mechanical, electrical/electronics systems. * Electrical wiring diagrams. * Preventive maintenance check list, trouble shooting charts and guidelines.				
F	ISOLATION TRANSFORMER & VOLATGE STABILIZER:				
F.1	Suitable for complete machine, its drives, controls, PLC with no undesirable harmonics in the stabilizer output etc.				
G	FAULT DIAGNOSTIC SYSTEM:				
G.1	Machine shall have diagnostic system with required software and hardware displaying in the form of alarm. Alarm				
H	SHIPMENT CLEARANCE:				
H.1	Geometrical and positioning accuracy (VDI- DGQ 3441 or ISO 230-2 Standard) tests of the machine shall be performed at party's site as per manufacturers test plan.				
H.2	NAS cutting test shall be done for conforming machine accuracies and performance.				
H.3	The test certificate as specified at H.1 & H.2. shall be sent to us in advance for giving clearance for shipment of machine.				
I	INSTALLATION & COMMISSIONING: H2 Part Prove out at IISc Challakere campus				

I.1	The machine shall be installed and commissioned at IISc Challakere Campus			
I.2	Final acceptance of the machine shall be based on satisfactory completion of the activities mentioned at SI No. I.1.			
J	MACHINE ACCEPTANCE: Machine tool builder shall arrange following tests as listed below			
J.1	Tests /Activities shall be performed by supplier at manufacture's Works.			
J.2	Geometrical accuracies of the machine shall be checked as per standard test chart provided by the supplier (VDI/ DGQ3441 standard) at machine tool builder's works with inspection tools & accessories arranged by them.			
J.3	Machine positioning accuracies & repeatability shall be measured using laser interferometer. Laser interferometer shall be arranged by the machine tool builder.			
J.4	Tests/Activities shall be performed by supplier at IISc.			
J.5	Practical machining test: Job trial as per supplier			
K	TRAINING:			
K.1	The supplier shall impart training to IISc personnel in Programming, Operation and Maintenance (mechanical, electrical/electronic and CNC System) of the machine at IISc for a period of 5 working days. All expenses towards lodging-boarding and transportation (for the trainer) shall be borne by the supplier.			
L	PACKING:			
L.1	Rigid packing for all items of complete machine, CNC System, all accessories and other supplied items to avoid any damage/loss in transit. When machine is dispatched in containers, all small loose items shall be suitably packed in boxes. Machine received in damaged condition shall not be accepted and shall be rectified by supplier under his full responsibility.			
M	OTHER TERMS AND CONDITIONS:			
M.1	Roadworthy packing of machine and its accessories is under party's scope. Party shall also include packing charges if any.			
M.2	The supplied machine shall be warranted for a period of minimum 3 (three) years (Onsite comprehensive warranty) from the date of complete supply, installation, testing, commissioning of the machine followed by its acceptance by IISc.			

M 2.1	Party shall quote separately for additional 24 (twenty-four) months warranty in the form of Onsite comprehensive Annual Maintenance cost (CAMC) from the expiry of the first warranty of three years.			
M.3	After sales service shall be provided by the party for a minimum period of 10 years from date of machine acceptance.			
N	Tools and Tool Holders			
N.1	Bidder must attach complete List / Details of <u>Cutting tools, tool holders, mechanical bed clamping's and related job holding fixtures</u> which will be provided with this equipment in Technical Bid.			
O	Accessories: The bidder shall supply the below items along with the machine			
O.1	Recommended spare parts with specifications			
O.2	Integrated computer with the software's pre-installed to run the Supply and Installation of 3 axis CNC Machine Operational manuals and maintenance manuals.			
O.3	Two copies of the operational software (in hard disks) should be made available			
O.4	Special and essential Infrastructure requirements.			
O.5	Provisions required for exhaust arising from the operation of the machine to be cleaned and removed from the premises.			

Note:

1. The bidder may visit the installation site before submission of tender, with prior intimation on their own cost.
2. The bidder may submit their pre-bid query by email only latest by the date & time as mentioned in this tender. IISc reserves right to reply a query or accept / reject a request.
3. All amendments, time extension, addendums etc. (if any), will be communicated through CPPP. No extension in the due date / time shall be considered on account of delay in receipt of any document(s).
4. **Price Bid (BOQ) MUST NOT be sent in hard copy format.**

3. General Terms and Conditions

1. The bid must be valid for at least 180 days from the actual date of opening of the technical bid.
2. The Bidder's firm should have been in existence for a minimum of 3 (three) years. (Enclose Company Registration Certificate).
3. The Bidder should have qualified technical service personnel for the instrument(s) based in India.
4. If the Bidder is a local distributor/dealer/Agent, it is mandatory to attach authorization certificate along with the bid from the original equipment manufacturer.
5. Two bid system (separate technical and financial bids) will be followed.
6. Technical bids will be opened first. IISc may seek clarifications after opening of technical bids. IISc may issue corrigendum(s), which will be integral part of the tender. IISc reserves the right to accept or cancel a bid. Decision of IISc regarding evaluation of technical bids or price bids will be final and binding.
7. Price bids of only technically qualified vendors will be considered, and the vendors will be informed the day of opening the price bids through CPPP only.
8. The price bids must be offered on FORD-IISc Challakere campus basis only.
9. Bid Security / Earnest Money Deposit (EMD) must be deposited through NEFT / RTGS. Micro and Small Enterprises (MSEs) are exempted from this deposit provided they submit a valid certificate and Bid Securing Declaration. Performance Bank Guarantee (PBG) of 10% of the total order value must have to be provided by the successful bidder within two weeks of placement of order.
10. **Warranty:** For the complete set of this equipment, warranty of 3 (three) years is mandatory. Warranty period will start only after the complete supply and installation and acceptance by IISc of the provided item / solution. including free supply of spare parts and labour from the date of functional installation. If the instrument is found to be defective, it has to be replaced or rectified at the cost of the bidder within 30 days from the date of receipt of written communications from IISc. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.
11. **AMC:** Comprehensive Annual Maintenance Cost (CAMC) for the 2 (two) years (after warranty) must be quoted. For AMC, separate order will be issued after completion of warranty period. For AMC, payment will be released on half yearly basis after completion of each half year. AMC will be comprehensive.
12. Supply and installation should be completed within 2 (two) months of placing of order.
13. The items should be delivered, successfully installed, and demonstrated at: - "Skill Development Center, Indian Institute of Science (IISc) - Challakere Campus, Kudapura, Challakere Taluk, Chitradurga Dist. – 577536, Karnataka (India)"
14. IISc is a DSIR recognized research organization, hence eligible for concessional / exempted rate of GST @5%. Since these items are required for research purpose, IISc will issue GST Exemption

- Certificate for the item cost after submission of order confirmation, proforma invoice and PBG.
15. IISc reserves the right to cancel or modify the tender at any time without assigning any reason thereof.
 16. Payment Terms: After release of purchase order (PO) on successful bidder, 100% payment will be released only after complete supply, installation, testing, commissioning of the equipment and its acceptance by IISc subject to submission of PBG followed by its verification of genuineness. Payment will be subject to deduction of LD / TDS as per law.
 17. As time is essence for this procurement, the successful bidder must have to adhere by the delivery and installation schedule as per purchase order, failing which Liquidity Damage (LD) will be imposed for late delivery and installation at the rate of 1% of total order value for delay per week or part thereof (maximum up to 10% LD). IISc may consider formal request for extension in delivery and installation schedule on genuine grounds, however it will be absolute right of the IISc to accept or reject such request of the vendor. IISc reserves the right to cancel the order if there is delay without a formal approval by IISc.
 18. If the quality of the product and service provided is not found satisfactory, IISc reserves the right to cancel or amend the contract.
 19. IISc may ask for technical clarification / documents during technical evaluation from all / some bidders. IISc may ask for price justification / price break-ups from all / some bidders during financial evaluation. If bidders are asked for technical clarification / documents or price justification / price break-ups, then bidders must have to provide all the details, failing which EMD will be forfeited and bid may be declared non-responsive.
 20. Any dispute may be resolved by mutually agreed arbitrator in Bangalore only, for which all costs will have to be borne by the bidder only. Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Bangalore, India.
 21. The bidder may furnish any additional information, which is necessary to establish capabilities to successfully complete the envisaged work. It is however, advised not to furnish superfluous information. Any information furnished by the bidder found to be incorrect / false, either immediately or at a later date, would render the bidder liable to be debarred from tendering/taking up of work in IISc and in such case, EMD / PBG will be forfeited.
 22. After submission of their bids online on CPPP, The bidder must submit a hard copy (printout and spiral bound in one volume only) of the complete technical bid (as submitted by the bidder on CPPP), which must reach to us (address given on first page as contact details for this tender) at least one day prior to the technical bid opening date through speed post / courier / by hand. For any delay or loss in transit, IISc will not be responsible. It will be sole responsibility of the bidder to ensure delivery of this hard copy at IISc on time. Non-receiving of this hard copy technical bid may lead to rejection of the technical bid. In case of any deviation in the hard copy technical bid from the online technical bid, the content on the online (CPPP) technical bid will only be considered.

4. Earnest Money Deposit (EMD)

1. All Bidders must submit Rs. 60,000/- (Rs. Sixty Thousand only) as Bid Security / EMD or bid security in the form of RTGS/NEFT transfer, the Bidder must submit e-receipt as a proof of EMD submission along with the technical bid. Failure to comply with this requirement will result in rejection of the bid. The account details of IISc are provided below.
2. After the placement of the purchase order on the successful Bidder, the EMD amount will be returned to the unsuccessful Bidders without interest.
3. The EMD amount will be returned to the successful Bidder after the Institute places a firm purchase order for the procurement and the successful Bidder then submits a performance security/bank guarantee followed by its verification.
4. Micro and Small Enterprises (MSEs) or Startups firms will be exempted from submitting EMD as per GFR 2017 (amended from time to time). Such a Bidder must submit copy of valid certificate (from appropriate agency of Govt. of India) and Bid Securing Declaration (Annexure-5) with the technical bid, failing which their bid will be declared as a non-responsive bid.
5. The bid must be valid for at least 180 days from the actual date of opening of the technical bid. Withdrawal of the bid within the period of validity will result in forfeiture of the EMD amount.

Details of the Bank Account of IISc Bangalore for submitting EMD / PBG / KYC

Account's Name	Registrar, Indian Institute of Science, Bangalore	Note: <ul style="list-style-type: none"> • It is mandatory to write the Name & Address of the Bidder and Tender Reference No. & Date on the back side of the e-receipt of NEFT/RTGS. • Acceptance of the e-receipt of NEFT/RTGS is subject to its verification from the Finance & Accounts section / Bank, IISc.
Bank	State Bank of India	
Branch	IIS Bangalore	
Branch Code	02215	
Account No.	31728098170	
IFSC	SBIN0002215	
MICR	560002020	
GSTIN	29AAATI1501J2ZV	
PAN	AAATI1501J	
IEC Code	0788012428	
ADC	00022158400009	
TAN	BLRI0070D	

Note: No separate KYC will be provided.

5. Performance Security / Performance Bank Guarantee (PBG)

1. Successful bidder must submit a Performance Security / Performance Bank Guarantee (PBG) issued by a nationalized bank or a scheduled commercial bank as per RBI list in India within two weeks of the issue date of purchase order. Performance Security / PBG will be for an amount of 10% (ten per cent) of the total purchase order. Performance Security may be furnished in the form of online payment (RTGS/NEFT) or Bank Guarantee in the specified format given in the Annexure-4.
2. Performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
3. The Earnest Money Deposit (EMD) of the successful Bidder shall be returned on submission of Performance Security / PBG without any interest.
4. EMD of unsuccessful bidder will be returned without any interest after placement of order. EMD will be forfeited, if bidders change their terms & conditions or fail to submit PBG on time or fails to accept the purchase order during bid validity period.
5. Performance Security / PBG will be returned without any interest after successful completion of all contractual obligations including warranty period AMC period (if any). However, if the successful Bidder fails to deliver the items / install and commission the items as per the order's terms and conditions within the stipulated period or fail to provide satisfactory services during contractual obligations include warranty period and AMC period (if any), the PBG shall be liable to be forfeited. Decision of IISc in this regard will be final and binding.

6. Guidelines for Bid Submission

Bidders are required to submit their bid in e-tender mode through the Central Public Procurement Portal (CPPP: <https://eprocure.gov.in/eprocure/app>) only. If a Bidder submits a response to the e-tender, then it is assumed that the Bidder accepts all the terms and conditions specified in this document. A bid submitted through any other mode will not be entertained and will be treated as non-responsive.

The submission consists of two parts, viz. a Technical Bid and a Commercial / Price Bid.

The **Technical Bid** should be an *indexed and page-numbered* document containing:

- Duly filled-in and sealed & signed by the bidder (Annexure-1 and Annexure-2)
- E-receipt of EMD (valid MSE / startup certificate in case of EMD exemption)
- BoQ compliance (as indicated in Annexure 3, format in Section:2 Technical Specifications), (without quoted price).
- Supporting technical materials for the items in the BoQ.
- Supporting documents listed in the Overall Compliance Statement.
- A signed document that the Bidder agrees to the Service Terms, Commercial Terms, and Payment Terms set forth in this tender.

The **Commercial / Price Bid** should contain:

- The BoQ table (in the CPPP Excel sheet for this tender) with quoted price of each line item. Price of equipment cost (with all items / sub-items /accessories etc.) should include supply, delivery, installation, demonstration, testing and commissioning with minimum three (3)-year warranty. Prices must be quoted on FORD-IISc Challekere basis.

Points to Note:

1. Duly filled-in Annexure-1 must be submitted with Technical Bid.
2. Prices of items must NOT be mentioned in the Technical Bid.
3. Price Bid must be in INR only.
4. Bid Ranking (L1, L2, ...) will be decided on the basis of sum of quoted price (including taxes) of all the line items (supply and installation of equipment cost + cost of all tools + AMC cost) in BOQ.
5. The commercial bid must be valid for at least 180 days from the actual date of opening of the technical bid.
6. A tender not complying with any of the above conditions is liable to be rejected. Incomplete proposals are liable to be rejected.
7. The Director, IISc, reserves the right to modify the technical specifications or the required quantities at any time..
8. The Director, IISc reserves the right to accept or reject any proposal, in full or in part, without assigning any reason.
9. Instructions To Bidder for Online Bid Submission may be downloaded from CPPP website (Download section).

Annexure 1: Details of Bidders (on the letter head of the bidder)
(to be submitted with Technical Bid)

To
The Registrar, IISc, Bangalore - 560012 (India)

Sir,

I hereby submit my bid for your tender no. -.....

Details are as under along with all required documents.

EMD Details (attach e-receipt / MSE certificate)	
Bidder's Name and Address (attach incorporation certificate)	
Registration No. / Trade License	
Complete contact details (address, mobile no. / telephone no. / email ID / website address)	
GSTIN (attach GST Regn. Certificate)	
PAN (attach copy of PAN)	
Bank Accounts Details (attach copy of cancelled cheque)	
Category – OEM / OEM authorized distributor (mention clearly)	
Authorization letter by the OEM (Yes / No)	
Details of the contact person, address, mobile no. / E-mail ID etc.	
Experience in no. of years and months of the bidder in supply and installation of 3-Axis CNC machine (similar to this tender) (in no. of years) (Attach purchase orders / clients' certificate in support of claim)	

I have carefully gone through the Terms & Conditions and all the contents as mentioned in the above-referred tender document. I declare that all the provisions and contents of this tender document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration. I copy of this tender document (duly sealed and signed on all pages) are being attached with this bid.

Thanking you.

Seal & Signature with name & date and PAN & Aadhar card no. of the signatory

Annexure - 2: Declaration regarding track record
(on the letter head of the bidder)
 (to be submitted with Technical Bid)

To
 The Registrar, IISc, Bangalore - 560012 (India)

Sir,
 I hereby submit my bid for your tender no. -

- (a) I further certify that I am the competent officer in my company / firm to make this declaration.
- (b) I have carefully gone through the Terms & Conditions contained in the above referred tender.
- (c) I hereby declare that my company/ firm is currently not debarred / not blacklisted by any Government / Semi Government organizations / institutions in India or abroad.

OR

- (c) I declare that my firm is debarred / blacklisted as per following details:

Sl. No.	Country in which the company is Debarred /blacklisted / case is Pending	Black listed / debarred by Government / Semi-Government / Organizations /Institutions	Reason	Since when and for how long

(NOTE: In case the company / firm was blacklisted previously, please provide the details regarding period for which the company / firm was blacklisted and the reason/s for the same.).

Thanking you.

Seal & Signature with name & date and PAN & Aadhar card no. of the signatory

Annexure 3: BoQ compliance
(to be submitted with Technical Bid)

A compliance sheet must be submitted in the format given in the Technical Specifications (section: 2 of this tender document).

Bidder MUST NOT write any Price here. PRICE must be written in BOQ Price Bid (Excel sheet) only separately.

Additional sheet / documents / technical brochures may also be attached.

There must be an index page (as the first page of the technical bid), all pages must be page numbered.

Following tables (Table-1) must be properly filled-in and submitted with the Technical Bid: -

<u>Table-1</u> <u>Complete Details and listing of all components / items / sub-items / accessories for the Line Items in BOQ-Price Bid Excel Sheet are as follows (If required, attach separate sheet as Annexure-Item1 / Annexure-Item2)</u>		
<i>Item</i>	<i>Item Name / Description</i>	<i>Complete Details and listing of all components / items / sub-items / accessories to be supplied</i>
Item1	Supply and Installation of 3-Axis CNC Machine with all items, sub-items and accessories with the quantity, quality, part no., model no., brand, and specifications, as per technical bid details	
Item2	Supply of one set of cutting tools, inserts, tool holders, mechanical bed clamping's and related job holding fixtures for operating the machine for 2000 hours.	

Annexure - 4
Format for Bank Guarantee for Performance Security
(Performance Bank Guarantee)
(to be submitted by the successful bidder after placement of the purchase order)

To
The Registrar
Indian Institute of Science (I.I.Sc.)
Bangalore – 560 012
Karnataka
India

Subject: Performance Bank Guarantee (PBG)

Reference: I.I.Sc. Purchase Order No. _____, dated _____

Dear Sir,

1. We hereby issue a Bank Guarantee as follows: -

Bank Guarantee No. _____ Date: _____

Amount of Guarantee Rs. _____,

Guarantee covers From _____ To _____

Last Date for Lodgement of Claim: _____

2. This deed of Guarantee executed by the (Name of the Bank: _____) constituted under _____ Act, _____ having its Central Office at _____ and amongst other places a branch at _____ (hereinafter referred to as "The Bank") in favour of The Registrar, Indian Institute of Science, Bangalore – 560 012 (hereinafter referred to as I.I.Sc.) for an amount of not exceeding Rs. _____ (in words: Rupees _____ only) at the request of M/s _____ (hereinafter referred to as the "Contractor" / "Supplier").
3. In consideration of The Registrar, Indian Institute of Science, Bangalore – 560 012 (hereinafter called I.I.Sc.) having entered into an agreement vide IISc's Purchase Order No. _____ dated _____ with M/s _____ (hereinafter called the Supplier) to carry out the supply and installation of the _____ <Name of the equipments/work/job> at Indian Institute of Science, Bangalore as

per their above order, the Supplier agreed to execute a Bank Guarantee for 10% of the total order value viz. Rs. _____ (Rupees _____) towards Performance Security / Performance Guarantee obligation for a period of ____ year(s) / month(s) from _____ to _____.

4. We, the _____ Bank, _____ Branch (hereinafter referred to as a Guarantor) at the request of the supplier, irrevocably undertake to indemnify and to keep indemnify I.I.Sc. without any demur to the extent of Rs. _____ (Rupees _____) in the event of the aforesaid Supplier failing to comply the Warranty / contractual Obligations as per the agreed terms to the full satisfaction of the Company as mentioned in the I.I.Sc.'s purchase order.
5. NOW THIS BANK HEREBY GUARANTEES that in the event of the said Supplier failing to abide by any of the conditions referred in tender document / purchase order / performance of the equipment / Machinery / service, etc. this Bank shall pay to Indian Institute of Science, Bangalore on demand and without protest or demur Rs _____ (Rupees _____).
6. We _____ Bank, further agree that the Guarantee herein contained shall remain in full force and affect during the period that would be taken for the performance of the equipment and / or services as stated in the Purchase Order issued by I.I.Sc. and that it shall continue to be enforceable till the completion of the period and certified that warranty and contractual obligations have been fully carried out by the supplier and accordingly discharges the Guarantee subject. However, I.I.Sc. shall have no right under after the expiry of the Guarantee, i.e. _____ (date).
7. We, _____ Bank undertake not to revoke this Guarantee, during its currency except with the previous consent of I.I.Sc. in writing.
8. Notwithstanding anything contained herein,
 - (a) Our liability under the Bank Guarantee shall not exceed Rs. _____ (Rupees _____).
 - (b) This Bank Guarantee shall be valid up to _____.
 - (c) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if I.I.Sc. serve upon us a written claim or demand on or before expiry of date (i.e. _____).

9. NOTWITHSTANDING anything contained herein above, our liability under this Guarantee is restricted to Rs. _____ (Rupees _____ only). Our guarantee shall remain in force until, unless a Demand or claim under the guarantee is made on our Bank in writing on or before _____, all your rights under the said guarantee be forfeited and we shall be relieved and discharged from all liabilities thereunder.
10. This Bank further agrees that the decision of Indian Institute of Science, Bangalore as to whether the said Supplier has committed a breach of any of the conditions referred in tender document / purchase order shall be final and binding.
11. This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at _____ situated at _____ (Address of local branch) as following details:

Name of the Bank	
Branch Name	
Branch Code	
IFSC Code	
E-mail Id	
Phone / Mobile No.	

Seal & Signature of the Bank

Annexure - 5: Bid Securing Declaration(on the non-judicial stamp paper and must be NOTARIZED)

(to be submitted with Technical Bid by the bidders not submitting Bid Security / EMD)

To

The Registrar, Indian Institute of Science (IISc), Bangalore - 560012 (India)

Sir,

I / We,, hereby submit my / our bid with reference to your notice inviting tender no. -

I / We, the undersigned on behalf of the bidder, hereby declare that:

- I. I / We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration for the bidders not submitting Bid Security / Earnest Money Deposit.
- II. I / We accept that I / We will be blacklisted and debarred from bidding for any tender / contract with Indian Institute of Science (IISc), Bangalore forever, if I am / We are in a breach of any obligation under the tender / bid conditions, because I / We
 - a) have withdrawn / modified / amended, impairs or derogates from the tender, my / our Bid during the period of bid validity or during extended bid validity period as specified in the tender document; OR
 - b) withdraw the proposal or increases the quoted prices or change in technical specifications / brand / model etc. of the item after opening of the bid during the period of Bid validity period or its extended period, OR
 - c) having been notified of the acceptance of our Bid by the purchaser (IISc) or a purchase order is placed on us by IISc during the period of bid validity or during extended bid validity, and I / we
 1. fail or refuse to execute the contract / purchase order, or
 2. fail or refuse to furnish the Performance Security, in accordance with the tender condition / purchase order, OR
 - d) indulge in any act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization during the bid process
- III. IISc, Bangalore may inform about our debarment / blacklisting in the form of notice on its website / CPPP / any other organization, if I / we are debarred / blacklisted.
- IV. I / we will pay fine of an amount equal to the amount of Bid Security / EMD of this tender, within fifteen (15) days from receipt of the written demand by IISc, Bangalore if I / we are debarred / blacklisted due to the enforcement of this bid securing declaration.
- V. I / We understand this Bid Securing Declaration shall cease to be valid if I am / we are not the successful Bidder, upon the purchase order is placed on another bidder / vendor.

Seal and Signature with Date of the authorized signatory of the bidder

Name and Designation