



**INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR-721302, INDIA**

INVITATION FOR TENDER FOR SUPPLY OF EQUIPMENT

Indian Institute of Technology Kharagpur, an Institute of National Importance, invites sealed bids from principal manufacturers or their authorized distributors (foreign firms or their Indian representative companies), who have adequate credential for the Procurement of “**High Resolution X-Ray Diffractometer For Powder (including nanomaterials), Thin Film samples, and Stress and Texture of Bulk Materials**” at the Materials Science Centre, IIT Kharagpur.

Interested parties may submit their sealed bids under Two-Bids system as per as per the **Detailed Technical Specifications** given at **Annexure-I**, General Terms & Conditions given at **Annexure-II**, Instruction & Special Conditions given at **Annexure-III**. In addition, the vendor must submit a signed “declaration” form/format as given in **Annexure-IV and Annexure-V**. Each envelope should be duly superscripted with (i) the Tender Notice No. given in the table below (ii) content of the envelope (i.e. Technical Bid/ Commercial Bid) and (iii) the ‘description of the stores’ as given in Annexure-I to:

**Chairman, Purchase Committee
Materials Science Centre,
Indian Institute of Technology Kharagpur
721302, West Bengal, India**

Earnest money of Rs. 250,000/- is to be deposited in the form of Account payee Demand Draft in favor of IIT Kharagpur, payable at Kharagpur, India. Any Bid which is not accompanied with an EMD shall be summarily rejected. Earnest money deposited will be forfeited if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender. No interest will be paid on the earnest money of the unsuccessful bidders

Tenders should reach the addressee not later than the “Last date and Time” mentioned in the Table below.

Tender Reference	IIT/MSC/DP/2018-19/99/59; Date 07.01.2019
Price of Tender Document	NIL
Last Date and Time for submitting the tender document	28.01.2019 at 10:00 Hrs (Indian time)
Time and Date of Opening of Technical Bids	28.01.2019 at 16:00 Hrs (Indian time)
Place of Opening Tender	Materials Science Centre, Indian Institute of Technology Kharagpur – 721 302, West Bengal, India
Address of Communication	As stated above
Contact Telephone Numbers	+91- 3222 – 282273/281798/283962

The Technical bids will be opened in the presence of the vendors/their authorized representatives and will be evaluated first. Price bids will be opened (to be notified separately), only of those firms, who will be found technically qualified/shortlisted, after reevaluation of their technical bids. The Institute reserves the right to accept or reject the bids/tender or take any decision as deemed fit.

Annexure -I

Technical Specifications of High Resolution X-Ray Diffractometer For Powder (including nanomaterials), Thin Film samples, and Stress and Texture of Bulk Materials.

Offers are invited from the reputed vendors for the procurement of X-ray Diffractometer for the applications required for routine Powder phase identification, high resolution thin film diffractometry, film thickness, density & roughness analysis, reciprocal space mapping, Rocking curve including grazing incidence in-plane and out-of-plane measurements, crystallographic texture and residual stress measurement for bulk specimens. Vendors might choose to quote the configuration to suit all the above applications, with software controlled automatic alignment to changeover from different configuration with provision for future upgradability. If the wrong optics are mounted into the system, the user should get an alert/alarm from the sensors which detect the inappropriate units at every optics. The control software of the XRD system must guide the users for the procedures and conditions of the measurements with auto optics and sample alignment.

1	Sample Types	Powder, Nanostructures, Thin films (Phase Analysis for Polycrystalline Thin Film or multilayer thin film), bulk ceramic pellets.
2	X-Ray Generator	1. Fully Automatic and Oil-Free 2. Power: 3 kW or better
3	X-Ray Tube	1. Ceramic X-ray Tube, Cu , Co and Mo Target, 3 kW or better 2. Tube current: 20-50 mA or better (with step increment of 1 mA) 3. Tube voltage: 20-50 kV or better (with step increment of 1kV) 4. Provision for changing between line focus to point focus, Change over from Parallel Beam to Bragg-Brentano geometry through mirror optics without any need of realignment. 5. Long Fine focus. Additionally, dedicated point focus with NiK β filter optics has to be offered (0.04 x 12 mm and 0.4 x 1.2 mm or similar). Facility to switch between line and point focus applications without disconnecting cables and utility lines or unscrewing the X-ray tube.
4	Goniometer	High-resolution four angle goniometer with theta-theta geometry and provision for scanning in theta and two-theta modes (asymmetric and symmetric) 1. Two theta range: -95° to +167° or better 2. Chi (χ): 0 to 95° or higher. Phi (ϕ): 0 to 360°, Z: ± 2 mm, (3 axis cradle, with manual X, Y movement) 3. Step Size: +/- 0.0001 deg or better 4. Goniometer Diameter: 480 mm or larger
5	Component Recognition & Alignment-free Exchange	System must offer automatic component recognition and alignment free exchange of all optics
6	Sample Holders and Sample Stage	Spinning stage with transmission sample cup.
	I. Reflection Setup	I. Sample holders for powder analysis, thin film analysis. Required for reflectivity measurements. Knife edge to be included.

7	Calibration Standards	NIST Si standard/Corundum Standard must be included. Performance must be demonstrated by the engineer at the time of installation and commission. Manufacturer must submit data quality guarantee certificate from the factory on the angular position (≤ 0.01 deg 2θ over the entire angular range).
8	Detector	<ul style="list-style-type: none"> • High resolution compatible Solid state detector • In-built capability for point (0D) and line (1D) and 2D analysis of the samples without requirement of any other detector. Switching to 2-D mode should not require removal of the detector.
9	Beam Optic	<p>Automatically software controlled Divergent & Anti-scatter slits sets must be quoted as standard supply.</p> <p>Primary: Motorized and computer controlled incident slit (variable Divergence) with a range of 0.05-7.00 mm, 0.01 mm or 0.05° to 1.0° or better is to be offered.</p> <p>The XRD system should be equipped with Graded Multilayered Mirror for Cu.</p> <p>The basic high resolution thin film attachment should include 2-bounce monochromator consisting of a Germanium crystal with an asymmetrically cut groove, which is etched and polished, along the 002/004 reflections to remove $K\alpha_2$ doublet which should be offered.</p> <p>Facility for Automatic changeover from Bragg-Brentano SLIT geometry to parallel beam multilayer mirror geometry and along with 2-bounce monochromator in primary side without the need to touch the instrument should be available. Alignment-free and Tool-free Change of Optics should be available.</p> <p>Collimator after mirror.</p> <p>Secondary: Computer Controlled and Programmable Motorized variable anti scatter slit with a range of 0.05-20.00 mm, 0.01 mm Step or 0.1° to 1.0° or better to be offered.</p> <p>Motorized slit and Soller collimator (2 sizes) along with Anti-scatter slit assembly to reduce air scattering particularly for low angle measurements.</p> <p>Parallel plate collimator/soller slit of 2 sizes (preferably automatically selectable)</p> <p>Optics for rocking curve and ultra fast RSM (typically in minutes) should be quoted.</p> <p>Facility for Automatic changeover from Bragg-Brentano SLIT geometry to parallel beam Soller collimator in secondary side without the need to touch the instrument should be available. Alignment-free and Tool-free Change of Optics should be available.</p>

		<p>Suitable hardware/software for suppressing secondary fluorescence to be offered.</p> <p>Attenuator to be offered for use depending on the X-Ray intensity.</p> <p>Complete alignment free system without manual intervention is needed.</p> <p>Necessary height limiting slits are to be included. Anti-scatter slit assembly to reduce air scattering to be offered for employing a 1-dimensional detector, particularly for low angle measurements</p>
10	Software	<p>Original Software with following features with minimum 5 user licenses:</p> <ul style="list-style-type: none"> ➤ Full instrument control, automatic alignment ➤ Data acquisition and processing for all measurements including stress, texture, reflectivity and SAXS ➤ Offline XRD data processing for crystallite size, crystallinity ➤ Background subtraction, smoothing, line profile analysis, α_2 stripping, Quantitative phase analysis ➤ Rietveld analysis and crystal structure refinement ➤ Search – match capability with both ICDD as well as ICSD database.
11	Analysis Software	Dedicated PDF4 (1 system license) for three year and must be upgradable.
		OTHER ITEMS TO BE OFFERED FOR XRD INSTALLATION:
12	Chiller Unit	Compatible closed cycle chiller unit of standard company that can function at ambient temperature range up to 45 °C.
13	Voltage stabilizer and Power Supply-UPS	As per Indian Standard; Compatible online UPS with minimum 30 min of backup time for whole equipment (XRD and Chiller)
14	<p>I. Computer</p> <p>II. Printer</p>	<ol style="list-style-type: none"> 1. Compatible branded computer with genuine OS preloaded with all required softwares. 2. Color High resolution laser printer
15	Warranty	<ol style="list-style-type: none"> 1. 60 months of warranty after successful installation/commissioning. The breakdown period for more than 10 days shall not be counted as warranty period and must be extended after the expiry of initial warranty.
16	Comprehensive Maintenance Contract (CMC)	CMC cost should be offered for additional 2 years which will be effective after expiry of warranty.

17. (Hot Sample Stages for powder and thin film measurement)

Temperature range	Upto 1100 °C (dome type)
Heating rate	max. 300 °C/min
Vacuum	≤ 3 mbar, [Vacuum Pump Should be offered in Option.]
Sample diameter	25 mm or higher.
Sample thickness	At least 2 mm or more
Cooling agent	Compressed Air only. (No liquid cooling agent)

Sample fixing	Inconel springs
Heater	Kanthal
Control unit	Suitable Temperature Control Unit should be provided which should work 230 V AC \pm 10% / 50...60 Hz

Optional to be quoted:

1. X-ray lens for stress and texture with minimum beam dia 5 mm polycap type
2. 2. Man power (Service engineer) from the company side for minimum 5 years for regular operation and upkeepment of the equipment

Documentation:

1. The supplier to provide installation manual, user manual, operation and troubleshooting manuals in hard copies and softcopy along with drawings at module and card level giving complete description of the components used.
2. All the manuals must be in English language only.
3. Suppliers to provide a pre-installation guide explaining the pre-requisites of the installation of the system along with their technical bid.
5. Please attach the list of all customers in India using similar system.

GENERAL TERMS AND CONDITIONS

1. Bid: The tender be sent in a sealed packet, containing two separate sealed envelopes (one each for Technical Bid and Commercial Bid) the items mentioned in Annexure-I. Each Technical Bid and Commercial Bid should be duly superscripted with (i) the Tender Notice No. given in the tender notice (ii) content of the envelope (i.e. Technical Bid/Commercial Bid) and (iii) the 'description' as given in Annexure-I. Technical Bid should have a copy of the price bid with prices masked. In Price Bid, the price of the items mentioned as an option should be provided individually. All these envelopes must be placed inside a single sealed envelope quoting reference number on the top of the envelope and sent to the address mentioned in the tender notice so as to reach the addressee by the last date and time mentioned. Quotations received after the last date and time will not be entertained.

2. The Original Equipment Manufacturer (OEM) may either bid directly or authorize their Country/Regional/State Distributors /Dealers/Vendors, to quote with bid authorization certificate, (to be included with the technical bid).

3. The bidders should provide along with each technical bid:

(i) Technical brochure/ application notes

(ii) Point by Point Compliance Statement.

(iii) **Five years onsite comprehensive warranty for all parts of the equipment from the date of successful installation and commissioning.** The failure/downtime for more than 10 days will not be counted in the warranty period. The warranty includes whole machine including indigenous parts. The buyer has no responsibility on the warranty period of different components.

(iv) Name and Status of the Tenderer (attach document if registered company/proprietorship/partner).

(v) Details of key top official/authorized official (attach details)

(vi) **Names and address of the vendor's At least four clients in India, to whom similar products, services, were extended and amount of transaction to such clients in India.**

(vii) Whether OEM/representing foreign principal (attach copy of certificate/authorization)

(viii) Name and Address of the Indian Agent who will be responsible for maintaining the equipment during the entire period under warranty.

(ix) A copy of agency agreement entered into with the principal indicating the nature of after sales services of Indian Agent, precise relationship and mutual interest in the business.

4. Deviation from specification: If the tenderer makes any deviation from the specification given in Annexure-I, the same must be prominently brought out in the body of the tender. If any additional item is needed to meet the specification, the tenderer should quote for the total including the additional item required to meet the given specification.

5. Each Commercial Bid should have all the commercial documents, agreements and Price Bid.

6. Bidders are to enclose the following documents:

(i) Current Income Tax and Sales Tax clearance Certificates and PAN No (attach copy). (ii)

Banker's Solvency Certificate.

(iii) Summary of Audited statement of Accounts for the last three years to be enclosed.

7. Price:

(i) Domestic tenders are to quote and accept their payment in Indian currency.

(ii) Indian agents of foreign suppliers are to receive their agency commission in Indian currency.

(iii) Cost of imported goods, which are directly imported against the contract, may be quoted in foreign currency (currencies) and will be paid accordingly in that currency and the portion of the allied work and services, which are to be undertaken in India (like installation & commissioning of equipment) are to be quoted and will be paid in Indian currency.

- (iv) For imported items both F.O.B. & C.I.F. Kolkata price by air rare to be quoted.
- (v) The price of imported items shall be quoted with cost break-up indicating the applicable prices for each component (landing and clearing charges and commission to Indian agents).
- (vi) The prices should be without Customs Duty and Excise duty. Since IIT Kharagpur is exempted from the payment of Customs and Excise Duties.
- (vii) Excise Duty Exemption/Custom Duty Exemption Certificate and Inter-state transit Way Bill (Form-50) will be issued only in favour of the bidder and address as mentioned in the Purchase Order.
- (viii) The purchaser will not pay separately for Transit Insurance.
- (ix) **Scope of supply:** should include free installation and commissioning.
- (x) Discount, if any, should be indicated separately/prominently.
- (xi) Offers should normally be on fixed and firm price basis. Any clause making price variation will not be acceptable.
- (xii) **Period of Validity:** Bid shall remain valid for acceptance for a period of **120 days** from the date of opening of the price bid.
- (9) Conditional offer will not be accepted.
- (10) Late Tenders: - Tender received after the due date and time of submission as mentioned below shall not be accepted.
- (11) Indian Agents of Bidders or Indian Agents who are bidding on behalf of their principals are to enclose the following documents:
- (a) Current Sales Tax clearance certificates and PAN No.
- (b) Banker's Solvency Certificate.
- (c) Summary of Audited statement of Accounts for the last three years to be enclosed and financial highlights and the key performance during the last three quarters to be enclosed as per format:

Company's Key Performance

Description	April to June	July to Sept.	Oct. to Dec.
Gross Revenue			
Profit Before Tax			
Profit After Tax			
Return on Invested Capital (ROIC)			

- (12) All Tenders (unless otherwise specified) are to be submitted/handed over to office of *The Head, Materials Science Centre, IIT Kharagpur-721302* and acknowledgement to be obtained.
- (13) The person attending the bid opening sessions should be delegated with appropriate Power of Attorney (duly endorsed by a Notary Public) by the Chief Executive Officer of the Company to sign such documents. Only two persons on behalf of each Company will be allowed to participate/attend the Bid opening session.

14. Late Tenders: Tenders received after the due date and time will not be accepted.

15. Bid once submitted shall be the property of IIT Kharagpur and shall not be returned to the vendor at any time.

16. A bid submitted with false information will not only be rejected but the vendor may also be debarred from participation in future tender process.

17. Canvassing in any form will not only lead to rejection of the bid but the vendor may also be debarred from participation in future tender process.

18. Opening of quotation: Every quotation will be opened in Materials Science Centre, IIT, Kharagpur at the time and on the date indicated on the tender form. A firm may send its accredited representative(s) to witness the opening if it so desires. The person(s) attending the bid opening sessions should be delegated with appropriate Power of Attorney (duly endorsed by a Notary Public) by the Chief Executive Officer of the Company to sign such document. At most two persons on behalf of each company will be allowed to participate/attend the bid opening session.

19. The Institute does not bind itself to offer any explanation to those bidders whose technical bid has not been found acceptable.

20. Opening of Price Bids: The Price Bid(s) of only those vendor(s) who are found technically qualified will be opened and the same will be opened before the technically qualified vendor(s).

The date for opening of price bids will be **notified separately**.

21. The authority of IIT Kharagpur does not bind itself to accept the lowest priced bid and reserves the right to reject any or the entire tender bids received without assigning any reason thereof.

22. The order acknowledgements should be issued within three days after receipt of the official purchase order.

23. **Delivery of Stores:** The store items to be supplied within reasonable time from the date of receipt of the Purchase Order. Imported items should be air-lifted within 30 days from the date of receipt of the Letter of Credit copy.

24. **Measurement/Weight:** Net/Gross of the Consignment to be specified. Use Air Worthy package (as applicable) duly certified with documents.

25. a) **Consignee:** All stores are required to be consigned to the **Head, Materials Science Centre, Indian Institute of Technology Kharagpur, West Bengal, Pin- 721302**.

b) **Disposal of Despatch Documents:** The railway receipt/PWB/Consignment Note along with the quadruplicate copy of the relevant bill and two copies of the priced challans should be dispatched to the Head, Materials Science Centre, IIT, Kharagpur immediately on completion of dispatch. If these documents do not reach the Head of the Centre in time all wharfage/demurrage incurred, if any, will be recoverable from the suppliers.

26. **Liquidated Damage:** In the event of failure to deliver the stores beyond the specified date, liquidated damages @ 1% per month or part thereof in respect of the value of stores will be deducted, subject to a maximum of 5%; alternately the order will be cancelled and the undelivered stores purchased from elsewhere at the risk and expense of the vendor.

27. **Patent Rights:** The suppliers shall indemnify the purchase against all third party claims of infringement of Patent, Trademark or Industrial Design Rights arising from use of the goods or any part thereof in India.

28. **Validity of licenses (if Any) :** Software's licensing price or policy (if any) shall be clearly mentioned. All licenses should be perpetual. All the accessories shall be from the same OEM

29. **Quality & Specification of Stores:** The stores offered should be of the best quality available, unless otherwise specified confirming strictly to the specification cited. The institute reserves the right to reject such stores as are found unacceptable on these grounds.

30. **Installation and Commissioning:** Free of cost at IIT, Kharagpur. Installation must be completed within reasonable time from the date of receipt by this institute. The presence of Service engineer from the Principal at the time of installation is essential.

31. **Payment:** (i) Payment for indigenous items and also imported items quoted in Indian Rupee shall be made only after completion of supply, installation and commissioning of the system to the entire satisfaction of the purchaser. **No advance/mobilization support, is payable against supply of stores.**

(ii) Where items are imported and the payment is desired to be made to their foreign principals directly, the same will be made against **Irrevocable Letter of Credit only.**

(iii) The benefit of any downward price revision (revision on account of budget/financial policy, tax revision, EPZ etc.) is to be given to IIT Kharagpur by the selected OEM/vendor.

32. Tenderers shall submit along with each of their Commercial Bids

(i) Complete postal address, email address and telelinks for contact persons in principals and Indian agent offices dealing with this purchase.

(ii) Full name and address of the beneficiary on whom order has to be made.

(iii) Name and Full address of the Banker of the beneficiary along with bank details (**Account no. Type, IFSC Code, Swift Code etc.**)

33. The person/officer signing the tender/bid documents should be delegated with an appropriate Power of Attorney (duly endorsed by a Notary Public) by the Chief Executive Office/Managing Director of the Company to sign such documents.

34. **One Agent cannot represent two suppliers or quote on their behalf for the same item at the same time.**

35. **Warranty: Five years onsite comprehensive warranty for all parts of the equipment from the date of successful installation and commissioning with adequate spares and accessories.**

36. **Spares:** Commitments to supply spares for at least 10 years to be ensured. Separate Spare kits for the Diffractometer should be quoted as optional items.

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IMPORTANT

1. Director may accept or reject any or all the bids in part or in full without assigning any reason and does not bind himself to accept the lowest bid. The Institute at its discretion may change the quantity/upgrade the criteria/drop any item or part thereof at any time before placing the Purchase Order.

2. The OEMs/Vendors need to submit a certificate during opening of technical bids that they are not currently debarred or blacklisted in IIT Kharagpur for any supplies, products or services, or at present in any national organization or educational institute/university.

3. In case of any dispute, the decision of the Director of this Institute shall be final and binding on the bidders.

4. For any query pertaining to this bid document correspondence may be addressed to **PROF. S. BANERJEE**, at the address mentioned above

5. In case the due date for opening tender happens to be a holiday, the same will be opened on the next working day. The timings will however remain unchanged. Please Note that the Institute remains closed on Saturday & Sunday.

ANNEXURE III

INSTRUCTIONS & SPECIAL CONDITIONS

(To be returned by Tenderer along with the Tender duly signed)

1. GENERAL:

Tenderer(s), who are Indian Agents of OEMs should furnish a clear declaration as follows:

We declare that I am/we are Accredited Agents of the suppliers aboard;

2. DEVIATION FROM SPECIFICATIONS:

It is in the interest of the tenderer to study the specifications in the tender schedule thoroughly before quoting so that, if the tenderer makes any deviations, these are prominently brought out in the body of the tender. If you need to add any optional item to your system in order to meet our specifications, you are requested to quote for the total including the option required to suit our requirements; otherwise, your tender will not be considered at all.

3. PRICE:

For imported items both F.O.B. & C.I.F. Kolkata price by Air to be quoted. The prices should be without Customs Duty and Excise Duties since IIT Kharagpur is exempted from the payment of Customs & Excise Duties. The Institute if required will provide certificates for Import Items: The order acknowledgement should be issued by Fax within 3 days, and the items should be air-lifted within 30 days from the date of receipt of the Letter of Credit copy / copy of DD, as the case may be.

(i) Agency Commission, if any, will be paid to the Indian agents in Rupees on receipt of the equipment and after satisfactory installation. Agency Commission will not be paid in foreign currency under any circumstances.

(ii) The unit price should be for the same unit as indicated in the Schedule to tender enquiry and not for any other unit.

(iii) Prices quoted should be for supply, installation and commissioning at I.I.T. Kharagpur.

(iv) Discount, if any, should be indicated separately/prominently.

(v) Offers should normally be on fixed and firm price basis. Any clause making price variation will not be acceptable.

(vi) Where tenderer intends to quote in Indian Rupees, for imported items, the prices should be quoted "FOR Destination" basis. Offers should be on "High Sea Sales" basis. No sales tax can be charged. Customs Duty applicable against **Declaration in Terms of Government of**

India Notification No. 51/96-Customs dated 23.07.96 will be paid. Vendor will arrange

payment of customs duty during clearance and the same will be reimbursed at actual

against proper documents. Way Bill will be issued on request. Seller has to undertake the responsibilities of customs clearance. All necessary supporting documents will be provided by the IIT Kharagpur. An agreement can be made in this regard, if the seller wishes, before customs clearance.

4. TRANSIT INSURANCE:

The Purchaser will not pay separately for Transit Insurance.

5. PAYMENT:

- i) Payment for indigenous items and also imported items quoted in Indian Rupees will be made only after completion of supply, installation and commissioning of the System to the entire satisfaction of the Purchaser. No Advance Payment will be made for Indigenous Purchase.
- ii) Where items are imported and the payment is desired to be made to their foreign Principals directly, the same will be made against Irrevocable Letter of Credit only.

6. TENDERERS SHALL SUBMIT ALONG WITH THEIR TENDER:

- i) Complete address and telelinks for contact persons in principals and Indian agent offices dealing with this purchase.
- ii) Name and full address of the OEM's Banker and their swift code.
- iii) Proof of having ISO 9001 or other equivalent certification given by appropriate authorities.

7. PERFORMANCE BANK GUARANTEE:

On behalf of the Principal Indian Agent must be able to provide Performance Bank Guarantee of the amount equivalent to the 10% of the cost of equipment from any Nationalized Bank. The Performance Bank Guarantee is required for the entire period of Warranty. Performance Bank Guarantee must remain valid for periods sixty days beyond the expiry of the Warranty Period.

8. WARRANTY:

The tenderer has to declare that the goods sold to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications.

9. JURISDICTION:

All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at the place from which the acceptance of Tender is issued, i.e. Jurisdiction of KOLKATA HIGH COURT. Acceptance to this effect is also necessary at the time of opening of Technical Bid.

10. ACKNOWLEDGMENT:

It is hereby acknowledged that we have gone through all the points listed under "Instructions & Special Conditions" outlined above, and those in the accompanying note on "Important Conditions", and we agree to abide by them under the penalty of permanent disqualification for Tender participation and for related penal actions for non-abidance of the conditions.

11. Interested vendors must be able to supply adequate spares and consumable during warranty period. Vendor should also ensure trouble free service and performance within Comprehensive Warranty Period with adequate spares and accessories.

SIGNATURE OF TENDERER
R
ALONG WITH SEAL OF THE
COMPANY WITH DATE

NOTE: ONE AGENT CANNOT REPRESENT TWO SUPPLIERS OR QUOTE ON THEIR BEHALF AT ONE TIME. In case of import all the particulars required for opening Letter of Credit (L/C) should be furnished in clear terms. After opening of L/C, based on our tender, no more request for amendment of L/C will be entertained. Total price including supply, installation and commissioning at I.I.T., Kharagpur, should be quoted. The cost of items that may be supplied from indigenous resources and also installation part if installation is done by Indian Agents should be stated in Indian Rupees.

1. In case of Import, bidders are requested to quote FOB price mentioning Freight & Insurance charges separately. No Ex-Works pricing is considered.
2. Warranty should be valid for two years for all items including third party items.
3. Quotations should be submitted in Separate Sealed Cover (with Sealing Wax). The quotation should be in typed format. No manual entries are allowed and any manual entry will entail rejection at the opening stage itself.
4. Before submitting vendor should ensure that they have submitted the following in the technical bid documents as mentioned hereunder: Technical Literature, Specification documents, **Point-by-point Compliance Statement**, General Terms & Conditions, Acceptance of Kolkata High Court Jurisdiction, Name and address of 5 organizations of which 1 must be India where the OEM has installed 1 such equipment in the last 2 years and a copy of Price bid with prices masked.

The Commercial bid shall have all the commercial documents, agreements and Price bid. Prices should be given component wise to enable the Institute to decide the final configuration.

Annexure-IV

DECLARATION

1. I,-----Son/DaughterofShri -----
----- Proprietor/Partner/CEO/MD/Director/
AuthorizedSignatoryofM/s. ----- am
competenttosignthisdeclarationandexecutethis tenderdocument.

2. Ihavecarefullyreadandunderstoodallthetermsandconditionsofthetender
andherebyconveymyacceptanceofthesame.

3. Theinformation/documentsfurnishedalongwiththeaboveapplicationaretrue
andauthentictothebestofmyknowledgeandbelief.

4. I/ we/ am are well aware of the factthatfurnishingofanyfalse
information/fabricateddocumentwouldleadto rejectionofmytenderatany
stagebesidesliabilitiestowards prosecutionunderappropriatelaw.

5. Eachpageofthetender documentand papers submitted by myCompany
isauthenticated,sealedandsigned,andItake fullresponsibilityfor
theentiredocumentssubmitted.

SignatureoftheAuthorizedPerson

Date: -----

Full Name:-----

Place:-----

CompanySeal :-----

ANNEXURE-V

TECHNICAL BID DOCUMENT
FORMAT TO BE FILLED BY THE MANUFACTURERS/INDIAN AGENTS (ON
BEHALF OF THEIR FOREIGN PRINCIPLES) OR THEIR AUTHORIZED COUNTRY
DISTRIBUTORS/ REPRESENTING DEALERS/
REGIONAL AGENCIES, SUBMITTING TENDER FOR SUPPLY OF "ROTARY DRYER"
FOR IIT KHARAGPUR (DEPARTMENT OF CHEMICAL ENGINEERING)

1. Name of the Tenderer :
2. Status of the Tenderer :
(attach documents, if registered
company/partnership/proprietyship)
3. Whether OEM/representing foreign principle :
(attach copy of certificate/authorization)
4. Details of key top official/authorized official :
(attach details)
5. Details of tie-ups for supply/services, if any :
(Attach details, agreements, escalation matrix)
6. Income Tax and Service Tax returns of :
previous three assessment year (copy)
7. Financial status of bidder and/or his associates :
including Annual Report & Balance Sheet/Statement
of Account of past three years with Registration of
Companies (ROC) receipts duly authenticated by
Chartered Accountant
8. Current list/address of clients where similar material :
has been supplied and successfully working
9. Name of the vendor's three largest clients, to whom :
similar products and services were extended & amount
of transaction/annual bill to such clients
10. Name and address of Vendor's bankers and :
attach a Solvency Certificate from the Bank for a
minimum amount of Rs.
11. Income Tax Permanent A/c No. (attach copy) :
12. **Detail of EMD/Bank Draft No., issuing branch and date:**

Certified that all above information are correct to the best of my/our information, knowledge and belief.

--- Dated signature & seal of the Authorized
person of OEM/Vendor

NOTE:

**This is to be submitted in a separate sealed envelope superscribing "TECHNICAL BID", Not
ice inviting Tender No IIT/MS/DP/2018-19/84/12 Dated:
05.09.2018 and name of the bidder. All technical
documents like literature, catalogues etc., are to be put in the same envelope. Price bid of that comp
any/firm only will be opened which does not technically qualify, for further consideration. **Attach all r
elevant documents in the same serial order as above, properly indexed, duly signed and
sealed.****