

Free of cost

विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, नागपुर - 440010

(भारत)

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,  
NAGPUR - 440 010



**TENDER DOCUMENT FOR**  
**HIGH VACUUM CHAMBER WITH 8 TARGET HOLDERS, SCANNER**  
**AND ENERGY MEASUREMENT**

TENDER NO.: VNIT/STR/LT/AP/BRS/KMK/2<sup>nd</sup> call/108 dt.14.02.2018

DATE OF ISSUE OF TENDER : 14<sup>th</sup> February 2018  
LAST DATE OF SUBMISSION OF TENDER : 5<sup>th</sup> March 2018 UP TO 3.00 P.M.  
DATE OF OPENING OF TENDER : 5<sup>th</sup> March 2018 at 3.30 P.M.

**INVITATION OF TENDER / BID**  
**For "HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER**  
**AND ENERGY MEASUREMENT"**

To

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Dear Sirs,

**Sub:** Invitation of Tender / Bid for Procurement of Item "**HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT**" for Physics Department.

VNIT herewith invites the TENDER/BID in sealed cover/ envelope from reputed firms for procurement of item stated above to submit the most competitive bids for the following goods

Brief Description of the Equipment / Goods	Specifications *	Unit / Quantity	Delivery Period & Place of Delivery	E.M.D. in Rs.	Installation Requirement if any
Please refer enclosed "QFA/Bill of Material" for complete details	As per "QFA/Bill of Material"	As specified in "QFA/Bill of Material"	Delivery in <b>4-6 weeks</b> from the Date of award of contract (for indigenous equipments / goods F.O.R. VNIT, Nagpur	<b>D.D./Pay Order</b> of Nationalized Bank drawn in favour of the Director, VNIT, Nagpur for an amount of <b>Rs.30,000=00 Thirty Thousand only</b> to be invariably, enclosed with the bid in separately sealed envelope.	Items/ Equipment(s) shall be commissioned / installed at VNIT site by the bidder Free of Cost

Signature & Seal of the Vender

## 2. Bid Price

- a) The Prices should be quoted F.O.R. VNIT, Nagpur
- b) The rates quoted by the bidder shall REMAIN FIXED for the duration of the contract and shall not be subject to adjustment on any account.
- c) All duties, taxes and other levies payable by the vendor shall be shown separately in bidding document to be able to calculate the basic price per unit (clearly indicate the detailed break-up such as Price Ex-Works, Packing & Forwarding, Freight, Insurance etc.). (Please note that the dealers should enclose GST registration certificate with the bid invariably.)
- d) The contract shall be for the full quantity as described in QFA/Bill of Material. Correction if any, shall be made out by crossing out, initialing, dating and re-writing.
- e) **The bidder should offer / quote special educational discount for the Institute.**

3. Each bidder shall submit only one bid.

## 4. Evaluation of Bid

The Purchaser will evaluate and compare the bids determined to be substantially responsive i.e. which

- (a) Are properly signed; and
- (b) Confirm to the terms and conditions, and specifications.

## 5. Earnest Money Deposit:

The EMD shall be submitted through Demand Draft, Fixed Deposit Receipt, Bank Guarantee in favour of "**Director, VNIT Nagpur**" payable at Nagpur, strictly in a separate envelope. Vendor should write name of firm and address on the envelope of DD and also on back side of DD along with stamp. **Bid received without EMD will be summarily rejected. EMD SHOULD BE ATTACHED WITH BID.** For those who are registered with the Central Purchase Organization (CPO), National Small Scale Industries Corporation (NSIC) or the concerned Ministry or Department are exempted from submission of the EMD.

## 6. Eligibility Criteria for the Vendor:

- (a) The bidder should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the "QFA/Bill of Material" in any one of the last 3 years i.e (2014-15, 2015-16, 2016-17). (Please attach necessary documents for the same).

**The item offered for supply must be of the most recent series models incorporating the latest improvements in design.**

- (b) Bids of bidder quoting as authorized representative of a equipment manufacturer, meeting with the above requirement in full, can also be considered provided (Refer SECTION-XII, XIII):
  - (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and comprehensive warranty obligations for a period of **3 years**; and

- (ii) The bidder, as authorized representatives, has supplied, installed and commissioned satisfactorily similar to the type specified in "QFA/Bill of Material" in the financial years i.e. (2014-15, 2015-16, 2016-17).
- (c) Preferably Vender/ OEM should have ISO 9000 or similar Certification for Quality.
- (d) The bidder should furnish the information on all past supplies and satisfactory Performance for both Section XI and XII Above, in pro-forma under Section XI.
- (e) All bids submitted shall also include the following information along with formats under Section XIV. Copies of original documents defining the constitution or legal status, place of registration and principal place of business of the company or firm or partnership, etc.
- (f) The bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity and experience (both technical and commercial) for the manufacture and supply of the required systems and equipment within the specified time of completion after meeting all their current commitments.
- (g) The bidder should clearly confirm that all the facilities are available in his factory for inspection and testing and these will be made available to the Purchaser or his representative for inspection, if required.
- (h) Details of Service Centers/ Factory and information on service support facilities that would be provided after warranty period [in the Service Support Form given in Section XIV].
- (i) Reports on financial standing of the Bidder such as profit and loss statements, Balance sheets and auditor's report for the past three years, bankers Certificates etc.

The above information shall be furnished by the bidder invariably in appropriate Schedules /Annexure as may be relevant.

#### **7. Instructions, Terms, Conditions:**

- a) The Commercial bids of the bidders who **do not conform** to the eligibility criteria as mentioned in Para 7 will not be opened. However the E.M.D. of such bidder will be returned in due course.
- b) The technical qualification of all the items offered should comply with the Technical Specifications as detailed in "**Technical/Qualifying Bid**". VNIT has the sole discretion to accept or reject tenders based on deviations, if any, from the technical specification.
- c) Each Vendor shall submit only one bid. All the information shall be furnished by the vendors in the prescribed format. Any other format will lead to disqualification. Each and every document of Technical and Commercial Bid should be submitted duly signed & stamped. **Incomplete or Conditional Bid(s) will not be accepted.**
- c) **Specification and Make:** Bid should be given for the exact specification and make as shown in the enquiry against Sr. No. of the item. The bid which is not as per our tender enquiry will be treated as non responsive.
- d) **Client List:** Client list along with the order copy of similar equipment supplied to any IIT/NITs/ any Govt. Organization including detail of price and all charges must be attached.

- e) **ISI certification** Where ISI certification marked goods /items are available in market, procurement should generally be limited to goods with those or equivalent marking only.
- f) **Authorization Certificate** Vendor should enclose latest authorization certificate from their principal / original equipment manufacturer (OEM)
- g) **Taxes** GST or any other taxes as per Govt. norms shall be applicable from time to time. The % of Tax must be indicated separately in the bid.
- h) **Items for Research Purpose: Concessional GST @ 5% will be applicable for purchase of goods viz Scientific & Technical instruments and other required for the Research purposes only.** This is in accordance of Govt. of India, Ministry of Finance Notification 45/2017-Central Tax (Rate) dated 14<sup>th</sup> November, 2017 and 47/2017-(Integrated Tax (Rate) dated 14<sup>th</sup> November, 2017, and VNIT Circular Ref.- VNIT/Acct/2017-18-GST/5390 dated 27<sup>th</sup> November, 2017. The description of goods is given in Govt of India notification dated 14<sup>th</sup> November, 2017 mentioned above. A certificate in this respect will be issued to the vender by the Institute.
- i) **Taxes (For Import Item)** - Govt of India Ministry of Science & Technology, DSIR, New Delhi vide letter No TU/V/RG-CDE(190)/2016 dated 19/09/2016 has issued Certificate of Registration to VNIT, Nagpur for purposes of availing customs duty exemption in terms of Govt. Notification 51/96-Customs dated 23<sup>rd</sup> July, 1996 and this registration is valid up to 31.08.2021.VNIT is eligible to avail partially exemption for Customs Duty. Necessary documentation / exemption certificate for the same will be provided by the Institute wherever applicable. The supplier who has quoted the price in Rupees, but importing the items from the foreign country has to sign the High Sea Sale Agreement. Against High Sea Sales Agreement GST is not applicable; Custom Duty is applicable under Notification No 51/96. The charges towards HSS agreement, if any, will have to be borne by the firm.
- j) **Delivery of Goods –**
- a) Vendor shall deliver/supply the goods within 4 (Four) weeks period.
- b) Goods shall be supplied / delivered by the bidder at the installation site in Concerned laboratory/ department of VNIT, Nagpur at free of cost on working days. Vendor shall strictly be adhered to above, failing which **Liquidated Damages Clause** will be applicable.
- c) Goods should be securely, safely and adequately packed and dispatched at the risk of supplier. Purchase order Ref. No. & Date must be mentioned/should be kept in all packing's.
- d) Bidder shall deliver the goods in concerned laboratory/department perfectly before 4.00 pm on any working day/s. Delivery of goods will not be accepted on Saturdays, Sundays and Institute Holiday.
- k) **Liquidated Damages Clause:**
- Penalty may be imposed as per P.O. terms and conditions. Goods should be securely, safely and adequately packed and dispatched at the risk of supplier and packing costs quoting this order reference should be kept in all package. Firms are requested to deliver the goods in our stores/section/department before 4.00 pm on any working day/s.

- i) The Director, V.N.I.T. Nagpur reserves the right to recover from the vendor, liquidated damages a sum equivalent to 1/2 percent of the price of the undelivered stores at the stipulated rate for each week or part thereof, during which the delivery of such stores, may be delayed subject to, a maximum limit in the case of an order exceeding Rs. One Lakh in value, upto **10** percent and in the case of an order not exceeding Rs. One Lakh in value upto **5** percent of the stipulated price, of the stores so undelivered.
- ii) To purchase elsewhere, on vendor's accounts, at his risk, the stores etc. undelivered, or other of a similar description, where others exactly employing with the particulars, are in the opinion of the Director, Visvesvaraya National Institute of Technology, Nagpur are not readily procurable, without canceling the contract, in respect of consignment not yet due for delivery.
- iii) If the Supplier fails to deliver the material/goods within the stipulated delivery period, then Amount of EMD given by the Vendor shall be forfeited. In case of Supplier [registered with MSME/NSIC/SSI etc.] not required to submit the EMD, the Institute reserves the right to initiate action including reporting to principal Govt authorities.
- iv) To cancel the contract.

In the event of action being taken under (b) or (c) above, the vendor shall be liable to make good for any loss, which the Institute may sustain, by reason of higher price of stores, so purchased or the otherwise, howsoever :

The decision of the Director, Visvesvaraya National Institute of Technology, Nagpur shall be final as regards to the acceptability of stores supplied by the seller and the Director, Visvesvaraya National Institute of Technology, Nagpur, shall not be required to give any reason in writing or otherwise at any time for the rejection of stores.

- l) **Validity of Bid** : Bid shall remain valid for a period of 180 days from the last date of submission of bid. The validity period of the offer should be clearly specified.
- m) **Rate Contract**: If any of the items/ materials mentioned are already under the DGS & D rate contract, you are requested to give us the advantage of the contract rates as VNIT Nagpur is an Educational and Research Institute sponsored by the Government of India.
- n) **Installation**: Items /equipments shall be commissioned / installed at VNIT site by the bidder free of cost. Service centre details with address and contact nos., product literature / information brochure should be enclosed.
- o) **Payment (Indigenous Item)**: Institute will release the full & final (100%) payment after delivery of items and its successful installation/ demonstration at concerned department / laboratories of VNIT Nagpur. The vendor will be required to submit the bills in triplicate along with delivery memo. Payment will be made through Crossed Cheque / ECS / NEFT.
- p) **Payment (Import Item)**: In case of import item, the payment term shall be 100% through irrevocable Letter of Credit/Telegraphic Transfer, the 90% will be released against dispatch of original documents and items/goods received at the Nagpur Airport and the balance 10% will be released after delivery and successful installation of the items/goods at VNIT, Nagpur. Letter of Credit amendment charges will be borne by the beneficiary.
- q) **Guarantee/Warranty**: Normal comprehensive **Warranty/ Guarantee of 3 years** shall be applicable to the supplied goods. In case any part or whole of the equipment is found

to be defective during the guarantee period, then the same will have to be replaced/repaired free of cost at our premises.

- r) **Training, Installation and commissioning to be done at space provided by VNIT in the Department.**
- s) The quantity may increase / decrease as per requirement and payment will be made as per actual supply on the rates quoted by your firm.
- t) It will be the sole discretion of VNIT to accept or reject the tenders in case of deviations, if any, from the technical specification.
- u) Director, VNIT, Nagpur reserves the right to accept or reject or cancel any or all enquires or bids/PO at any stage without assigning any reason thereof.
- v) Bidder should enclose required documents/ copies failing which bid will be disqualified.

## **8. Bid System**

"TWO BID" viz. **Technical/Qualifying Bid** and **Price/Commercial Bid** Systems will be followed for this tender.

The Technical bid and the Financial bid should be sealed by the bidder **in separate covers duly super-scribed** and both these sealed covers are to be put **in a bigger cover** which should also be sealed and **duly super-scribed** with For "**MEGA MESS DINING TABLE FOR HOSTEL**"

Sealed envelope has to be submitted in the "**Tender Box**" kept in The Stores Section, Old Library Building, 1<sup>st</sup> Floor, Visvesvaraya National Institute of Technology, Nagpur - 440010 on any working day on or before **5<sup>th</sup> March 2018 by 3.00 P.M.** Tender received after the last date / time of submission as indicated in the tender notice will not be considered and will lead to rejection. The tender will be opened on **5<sup>th</sup> March 2018**, at 3.30 P.M.

**FOR TECHNICAL/QUALIFYING BID** - Envelope to be super-scribed with "**TECHNICAL/QUALIFYING BID for HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT**", and should be submitted with prescribed **EMD** and the associated supporting documents. Bill of material (without any price), indicating the compliance of technical specification should also be included with the qualifying bid.

**FOR PRICE/COMMERCIAL BID** - Envelope to be super-scribed with "**PRICE/COMMERCIAL BID for HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT**". The Price should be indicated in the prescribed format in the Price Bid only. Any other format will lead to disqualification.

Both above sealed covers are to be put **in a bigger envelope** which should also be sealed and **duly super-scribed** with For "**HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT**"

Each envelope / cover should also indicate clearly the name and address of the bidder.

## **9. Support and Post Installation Warranty:**

1. The bidder should have their office or authorized representative / dealer in Nagpur. They should mention in detail their support infrastructure by which minimum downtime will be ensured.
2. The Vendor should guarantee that the equipment and its accessories supplied are complete in every respect and confirm to the technical specification mentioned in the Bill of Material

**Signature & Seal of the Vender**

3. A performance guarantee of 10% of the total invoice value, 10 Lacs & above, valid for three year covering the entire warranty period is to be submitted by the vendor executing the purchase order.
4. In case of violation of any of the conditions of warranty (for Three years), the aforesaid performance guarantee shall be invoked by VNIT.
5. The Vendor will have to give undertaking that in case of any breakdown during warranty period the equipment will be restored back to its original status within twelve hours (This may include replacing some spares also).

**10. Award of Contract**

The Purchaser will award the contract to the bidder whose bid has been determined to be substantially responsive and who has offered the lowest evaluated bid price.

(a) Notwithstanding the above, the Purchaser reserves the right to accept or reject any bid and to cancel the bidding process and reject all bids at any time prior to the award of contract.

(b) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the bid validity period. The terms of the accepted offer shall be incorporated in the purchase order.

**11. Any amendment or corrigendum regarding tender will be issued on the Institute website only.**

**12. For any disputes, the place of jurisdiction shall be Nagpur, Maharashtra (India) only**

**13. It will be presumed that the vendor has read carefully all the above mentioned instructions, terms & conditions and abide by same.**

**14.** All Communication are to be addressed to –

**Director**

Visvesvaraya National Institute of Technology,  
South Ambazari Road,  
Nagpur 440 010  
Maharashtra (India)

**15.** We look forward to receiving your bids and thank you for your interest in this project.

**CHAIRMAN [ SPC]**



**Item:** Procurement of "**HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT**"

**Schedule & Instructions for Tender Submission**

<b>Date of Issue</b>	:	14 <sup>th</sup> February 2018
<b>Last Date of Submission</b>	:	5 <sup>th</sup> March 2018 up to 3.00 pm
<b>Amount of EMD</b>	:	Rs.30,000/- payable through DD drawn in f/o Director, VNIT, Nagpur
<b>Tender Opening Date &amp; Time</b>	:	5 <sup>th</sup> March 2018 up to 3.30 pm

The Tender document with Demand Draft of EMD amount as above to be submitted to – Stores Section, 1<sup>st</sup> Floor Old Library Building VNIT, Nagpur – 440010 on or before 5<sup>th</sup> March 2018 by 3.00 pm.

**TECHNICAL/  
QUALIFYING BID**

## TECHNICAL/QUALIFYING BID

Please read the instructions given below carefully before submitting your bid for the required items.

### Important Instructions:

1. Fill up the specifications (Yes/No only) in this document format only. **Any other format will lead to disqualification.** Any reference to product brochure without filling **appropriate** entry in the "State Yes/No Compliance" column will lead to disqualification.

2. If there is any deviation from the required specification then, it should be clearly specified in the "**Remarks**" column and appropriate documentary proof, may be enclosed without fail.

3. **It will be the sole discretion of VNIT to accept or reject tenders in case of deviations, if any, from the technical specification.**

4. **If the certificates submitted by the vendor/bidder or any misleading information whether intentional or unintentional are found to be false/incorrect/forged/fake, will lead to disqualification of the bid. The Institute shall be free to take any action by blacklisting the firm/company.**

### PRE – BID Document

Sr. No.	Requirement	Details of Certification Enclosed YES/NO	Page No.
1.	EMD of ₹ 30,000=00		
2.	Latest Manufacturer's Authorization Letter/OEM/Dealer		
3.	Service Center Details with Address & Telephone Nos.		
4	Order Copies of Last 3 financial Years 2014-15, 2015-16 & 2016-17duly certified, indicating details of Order Value executed (Enclose Proof)		
5	Product Literature / Information Brochure		
6	Preferably Vender / OEM should have ISO 9000 or similar Certification for Quality		
7	Certificate of Incorporations		
8	Registration Certificate		
9	Company Profile		
10	Customer List / Clientele List		
11	Technical Manpower Employed with Qualifications & Experience & their tenure		
12	PAN		
13	GST Registration Certificate		
14	Methodology of Warranty Support		
15	Brief History of the Company/ Firm with credentials if any		
16	Warranty/ Guarantee (3 years)		

Address: -

Date :-

**Signature & Seal of the Vender**

**QUOTATION FORMAT ANNEXURE (QFA)**

**विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, नागपुर - 440010(भारत)**  
**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR - 440 010**

SCHEDULE TO BID LTE NO.: **VNIT/STR/LT/AP/BRS/KMK/2<sup>nd</sup> Call/108/**

**Dated:**

LAST DATE OF SUBMISSION OF TENDER : 5<sup>th</sup> March 2018 Upto 3.00 P.M.  
DATE OF OPENING TENDER / BID : 5<sup>th</sup> March 2018 Upto 3.30 P.M.  
BID/OFFER MUST REMAIN VALID FOR : 180 days from the date opening of the Tender  
TIME LIMIT FOR COMPLETION : 4-6 weeks from the date of Purchase Order

Sr.N	Item with Specification	QTY
	<b>HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT</b>	
<b>(1)</b>	<b>Vacuum Chamber</b> (i) Cylindrical/ Spherical stainless steel (SS304) chamber having chamber ID ~ 30 cm (ii) Provision of multiple laser inlet ports (iii) Provision of appropriate view ports along with a port for top view to facilitate laser beam alignment (iv) Provision of additional ports for any future attachment .(v) Chamber to be air cooled (vi) Chamber to be electro-polished for better vacuum performance (vii) Chamber must be leak tested down to 10 <sup>-10</sup> torr lit/sec through helium leak detector (vii) System must achieve base pressure better than 5 X 10 <sup>-6</sup> from atmosphere within 30 minutes and 2 x 10 <sup>-6</sup> mbar in 60 mins. (viii) Chamber to be mounted on the powder coated sturdy steel frame	<b>01</b>
<b>(2)</b>	<b>Substrate Heater</b> (i) Substrate holder to accommodate multiple size substrates ranging from 5 mm X 5 mm to 2 inch X 2 inch (ii) Closed loop heater for substrate heating temperature to 800 Deg C (in O <sub>2</sub> ambience and vacuum as well) with PID programmable and thyristor base power supply (iii) Heater Mounted on CF 150 flange for ease in removing heater in order to mount substrate (iv) Provision of clips to hold substrate/ mask on heater (v) PID programmable temperature controller (8 steps / segments minimum)	<b>01</b>
<b>(3)</b>	<b>Programmable Target Controller</b> i) Target mounting carrousel arrangement (min 6 target capacity of 1 inch each) ii) Automation for rotating carrousel with appropriate motors and controlling laser pulsed by interface modules for PC control. Stepper motor and DC motor controlled, for selection of target, target rotation & rastering through software. iii) The automation program would allow storing deposition parameters for each target separately . iv) Provision of a protective plate/contamination shield to expose only one target at a time to the laser beam and prevent other targets from being contaminated.	<b>01</b>
<b>(4)</b>	<b>Assembly for Ambient gas control.</b> i) Standard make like Bronkhort mass flow controller for range of 0-100 sccm would be provided for gas management.	<b>01</b>

**Signature & Seal of the Vender**

	ii) Provision of control knob to bypass flow meters for venting the chamber with the process gas.	
<b>(5)</b>	<b>Optics for laser beam alignment.</b>	<b>01</b>
	i) Quartz window for laser entry in chamber (2" diameter) ii) Quartz lens for focusing laser beam on the target with arrangement for X, Y and Z motion. ii) System must have lens holder attachment with XYZ movement of lens for focusing the laser beam on Target. 2" dia, UV grade fused silica lens.	
<b>(6)</b>	<b>Pumping system</b>	<b>01</b>
	Standard make like Pfeiffer/Agilent/ Edwards/ or compatible male turbo molecular pump having pumping speed 300 l/sec will be provided; backed by suitable capacity double stage rotator pump and gate valve will be provided. Vacuum chamber port to be compatible with pump, fore pump and all other accessories. All flanges to be HV compatible and need to provide with necessary blanks and OFHC Cu gaskets. Operating pressure range: ~ 10 <sup>-7</sup> Torr to 500 mTorr Standard make like Edwards vacuum or compatible full range vacuum gauge to be provided to measure the vacuum performance of the system to be provided. With clean and dry operation system would be able to reach the vacuum of ~ 5 X 10 <sup>-7</sup> mbar or better	
<b>(7)</b>	Provision of a bellow sealed manual gate valve to isolate pumping system and chamber	<b>01</b>
<b>(8)</b>	Powder coated steel frame assembly for supporting chamber, pumping systems, various controllers and display units etc. Frame will be provided levelling pads and c	<b>01</b>
<b>(9)</b>	<b>PC automation:</b> i) System control: All the vacuum pumping and deposition process to be controlled by dedicated PLC with supervisory software (preferably Lab VIEW) with system mimic diagram for easy operation. iv) Control of substrate temperature vii) Manual override: Provision for carrying out all the operations in fully manual mode for maintenance, and service. viii) Safety interlocks will be provided.	<b>01</b>

**SECTION-XI**  
**PERFORMANCE STATEMENT**

**Proforma for Performance Statement (since 2014 onwards)**

IFB No. VNIT/STR/  
Time : (3.30 PM)

Date of Opening:

Name of the Firm \_\_\_\_\_

Order placed by (Complete Address of Purchaser)	Purchase Order No. & Date	Description and Quantity of ordered equipment	Value of order	Date of completion of delivery		Remarks indicating Reasons for late delivery, if any	Has the equipment been satisfactorily Functioning (Attach a certificate from the Purchaser /Consignee)
				As per Contract	Actual date of supply		
1	2	3	4	5	6	7	8

**Signature & Seal of the Vender**

**SECTION-XII**

**MANUFACTURERS AUTHORIZATION FORM**

No. \_\_\_\_\_ Dated \_\_\_\_\_

To

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Dear Sir,

**IFB No. VNIT/STR/**

We \_\_\_\_\_ who are established and reputable manufacturers of \_\_\_\_\_ (*Name and description of goods offered*) having factories at \_\_\_\_\_ (*address of factory do hereby authorize M/s \_\_\_\_\_ (Name and address of Agent) to submit a bid, and sign the contract with you for the goods manufactured by us against the above IFB No. VNIT/STR/*

We hereby extend our full guarantee and warranty of 3 years for the goods and services offered for supply by the above firm against this IFB.

Yours faithfully,

(Name)  
(Name of Manufacturer)

**Note:** This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Bidder in its bid.

**SECTION-XIII**  
**SERVICE SUPPORT DETAILS**

LOCATION OF NEAREST SERVICE CENTER:-						
Phone No.	Fax / Telex No.	Status of Office working Days & Hours	Number of Engineers	Value of Min. Stock Available at all times	List of Models & Types of Equipment under Service during last 2 years	Name of the Organization where the equipment are currently under AMC/ Service

Signature and Seal of the Manufacturer/Bidder

Signature & Seal of the Vender



**SECTION-XIV**  
**CAPABILITY STATEMENT (CS)**

1. Name & Address of the Bidder:
2. Phone:
3. Classification  
(1) Manufacturer : Y/N  
(2) Authorized Agent: Y/N  
(3) Dealer : Y/N  
(4) Other (Please specify)
4. Plant:  
(aa) Location:-  
  
(bb) Description, Type & size of building:-  
  
(cc) Is property on lease or free hold? If on lease indicate date of expiry of lease in such case
5. Type of equipment(s) manufactured and supplied during last 2 years.

Name of Equipment	Capacity/Size	Quantity Manufactured	Nos. of Purchase Orders on hand

6. Types of Equipment(s) supplied during last 2 years other than those covered under 5 above.

Name of Equipment	Capacity / Size & Model	Name of Manufacturer & Country of origin	Total Nos. of Equipment(s) Supplied in India	No. of orders on hand

**7. Turnover for similar equipments sold in last two years:**

8. Details of Testing facilities available:

- i. List of testing equipment available.
- ii. Give details of type tests, which can be carried out using testing equipment.
- iii. Details of the staff available for testing.

9. Personnel/Organization: Give Organization chart for following indicating clearly the No. of employees at various levels.

- 1 Quality assurance :
- 2 Production :
- 3 Marketing :
- 4 Service :
- 5 Spare parts :
- 6 Administrative :

10. Nearest Service Centers to each of the destination of installations:

Location \_\_\_\_\_

Phone No. \_\_\_\_\_

Year of Establishment \_\_\_\_\_

11. Details of Organization (Enclose details of Organization Chart & Span Of Control) at Service Center:

(a) No. of skilled employees \_\_\_\_\_

(b) No. of Unskilled employees \_\_\_\_\_

(c) No. of Engineering employees \_\_\_\_\_

(d) No. of Administrative employees \_\_\_\_\_

(e) List of special repair/workshop Facilities available (Specify Details of Equipments & Tests those which are performed) \_\_\_\_\_

(f) The storage space available for spare parts (Sq.m) \_\_\_\_\_

(g) Value of minimum stock of spares available at all the service center in Respective currency \_\_\_\_\_

(h) Value of the models/types by number of equipment serviced by the center in the last 2 years \_\_\_\_\_

(Enclose details of services provided duly authenticated by certification from the user in each case)

12. **Names of two buyers to whom similar equipment was supplied in the past and to whom reference may be made by the Purchaser regarding the bidder's technical and delivery ability.**

1) \_\_\_\_\_

Address with Telephone Nos. \_\_\_\_\_

2) \_\_\_\_\_

Address with Telephone Nos. \_\_\_\_\_

**PRICE/COMMERCIAL  
BID**

**"PRICE/COMMERCIAL BID"**

Limited Tender No.: VNIT/STR/LT/AP/BRS/KMK/2<sup>nd</sup> Call/108 DT.

**ITEM: "HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT"**

Sr. No	Item with Specifications	Qty	Basic Rate P.U. (Rs.)	GST % & Amount P.U. (Rs.)	Total Amount P.U. (Rs.)
1	<b>HIGH VACUUM CHAMBER WITH 8 TARGET HOLDER, SCANNER AND ENERGY MEASUREMENT (Details specification as above)</b>				
	Educational Discount				
	Total Cost F.O.R. V.N.I.T. Nagpur				

[Note - The bidder should offer / quote special educational discount for the Institute.]

**[A] DUTIES & TAXES (if applicable):**

1. Custom Duty (partially exempted) : \_\_\_\_\_
2. GST @ \_\_\_\_\_ % : \_\_\_\_\_
3. Freight/ Transportation : \_\_\_\_\_
4. Insurance@\_\_\_\_\_ % : \_\_\_\_\_
5. Packing & Forwarding : \_\_\_\_\_
6. Others, (if any) : \_\_\_\_\_
7. **Final Offer (Including Installation Charges & Taxes) FOR VNIT Nagpur** : \_\_\_\_\_

**[B] Others Details (Enclosed)**

1. EMD No & Amount : \_\_\_\_\_ Dt.\_\_\_\_/\_\_\_\_/2017 Rs...../-
2. Specification as per Requirements: Yes/No
3. Warranty/Guarantee : \_\_\_\_\_Years
4. Delivery period : \_\_\_\_\_
5. Firms Registration Certificate : \_\_\_\_\_
6. Authorization Letter : \_\_\_\_\_
7. Details of client lists : \_\_\_\_\_
8. GST Registration Certificate : \_\_\_\_\_
9. PAN/GST No : \_\_\_\_\_
10. Others, (if any) : \_\_\_\_\_

**Note: Price/Commercial bid & other details should be furnished as per institute prescribed format if failed, the price/commercial Bid is treated as unresponsive and disqualified**

The Firm/Company agrees to supply the above items for **final offer price (Rs. \_\_\_\_\_/- [In Words Rs.....])** inclusive of duties & taxes at [A] above within the period specified in the Invitation for Bids. We also confirm that the normal commercial warrantee /guarantee of 36 months shall apply to the offered goods.

Date:  
(Authorized Signatory)

**Signature & Seal of the Vender**

**FORMAT OF BID**

Sr. No.	Description of Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs. /	Total Amount	
						In Figures	In Words
	Please refer enclosed "QFA/Bill of Material" for complete details.	As per "QFA/Bill of Material"					
						<b>GST (%)</b>	
						<b>GST Amount</b>	

**Gross Total Cost: Rs.....**

We agree to supply the above equipment / goods in accordance with the technical specifications for a total contract price of ` ..... In figures ( ` ..... amount in words) within the period specified in the Invitation for Bids.

We also confirm that the normal commercial warrantee/guarantee of **Three Years** shall apply to the offered goods.

## PRICE SCHEDULE

1	2	3	4	5					6	7	8
Schedule No	Item Description	Country of Origin	Quantity & Unit	Price for each unit					Unit Price	Total Price	Sales & Other Taxes payable
				Ex-factory, Ex-ware House, Ex-Show Room, Off the shelf	Custom Duty, as per actual	P & F	Inland transportation insurance and other local Costs Incidental to delivery	Incidental services			GST, if any, should be mentioned clearly, as Extra or Inclusive with %
				(a)	(b)	(c)	(d)	(e)	a+b+c+d+e	4 x 6	

**Note:**

(a) In case of discrepancy unit price and total price, the unit price, shall prevail.

Total Bid Price in ₹ \_\_\_\_\_

In word \_\_\_\_\_

Signature of Bidder \_\_\_\_\_

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_