

Ltd.+ Website Tender

Ref. No.: 14-VII/MJ(2579)17PB/T-04

IMPORTANT INSTRUCTIONS FOR THOSE VENDORS WHO ARE APPLYING IN RESPECT OF LIMITED + WEB TENDER ENQUIRY AFTER DOWNLOADING FROM NPL WEBSITE.

Interested manufacturers/ their authorized vendors having capability of proper supply/installation of required items as per enquiry can also submit their offer directly on the basis of website tender in the manner prescribed in such tender enquiry uploaded on NPL website www.nplindia.org.

In such cases, the tenderer has to **attach invariably a copy of the enquiry downloaded from the NPL website** duly stating in covering letter that the enquiry is downloaded by them and also **attached VENDOR DECLARATION FORM** as per annexure 'X'; failing which the offer not be considered.

Annexure-'X'

VENDOR'S DECLARATION FORM

[The interested vendor shall fill in this form and should submit along with tender document without fail. This should be done on the letter head of the firm]

1. Vendor's Legal Name :
2. Vendor's actual or intended Country of Registration :
3. Vendor's Legal Address in Country of Registration :
4. Vendor's Authorization Representative Information
Name :
Designation :
Address :
Telephone/Fax numbers:

Email Address :
5. Please provide following details in reference of firm, as applicable

TIN NO. :

PAN NO. :

TAN NO. :



CSIR-NATIONAL PHYSICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. K. S. Krishnan Marg, Near Pusa Campus,
New Delhi-110 012.

From : Director
CSIR-National Physical Laboratory

Tender No.:	14-VII/MJ(2579)17PB/T-04	Date:	11.05.2017
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To

Airmail/Email

Dear Sirs,

We are interested to purchase the following items from the reputed Indian/Foreign Manufacturers or their Sole Authorized Dealers/Distributors/Agents. Kindly send us the Quotations/Performa invoice in closed/sealed covers with wax/cello tape/ company seal indicating minimum delivery period. The sealed envelope containing your quotation super scribed with our reference no., Due Date of Tender and addressed to Director, NPL should reach this office latest by **01.06.2017 up to 4.30 PM (IST)**. The quotations will be opened on **02.06.2017 at 2:30 P.M (IST)**, onwards in the presence of supplier's representative who wish to present themselves at that time.

Sr. No	Name of item	Qty.
1	Items required for setting up Air Plasma based THz generation and ZnTe based detection Spectrometer system (Detailed item-wise list as per Annexure-I)	As per Annexure -I

➤ *Please see reverse of the page for terms & conditions*

SB: Single Bid

Yours faithfully,

Sd/-

Section Officer (S&P)

Encl : detailed Specification with terms & conditions

E-MAIL: spo@nplindia.org

Telefax: 011-45608645, Fax: 91-11-45609310

TERMS & CONDITIONS

PRICES

1. **For goods manufactured in India:**
 - (i) The price of goods quoted Ex-Works including taxes already paid.
 - (ii) VAT and other taxes like excise duty etc. which will be payable on the goods if the contract is awarded.
 - (a) The charges for inland transportation, insurance and other local service required for delivering the goods at the desired destination as specified in the price schedule form.
 - (b) The installation, commissioning and training charges including any incidental services, if any.

2. **For goods manufactured abroad:**
 - (i) The price of the goods, quoted on FCA (Named place of delivery abroad) or FOB (Named port of shipment), as specified in the schedule form.
 - (ii) The charges for insurance and transportation of the goods to the port/place of destination.
 - (iii) The agency commission charges, if any.
 - (iv) The installation, commissioning and training charges including any incidental services, if any.

3. We are exempted from payment of Excise Duty under notification number 10/97 dated 01.03.1997 and Customs Duty under notification No.51/96 dated 23.07.1996. **Hence Excise Duty and Customs Duty, if any, should be shown separately. No other charges than those mentioned clearly in the quotation will be paid.**

4. **Sales Tax:** We are not authorized to issue any Sales Tax Form 'C' & 'D'. However, being R&D Organization concessional Sales Tax Forms can be issued, if it is applicable in your states from where the material is being supplied.

6. **VALIDITY OF OFFER :**

The prices must be valid at least for a period of **90 days for indigenous supplies & 180 days for imports** from the date of opening of the Tender. No changes in prices will be acceptable in any condition after opening of tender till the validity of the offer or execution of the order whichever is later.

7. **REASONABILITY OF PRICES :**
 - a) Please quote best minimum prices applicable for a premiere Research Institution, **leaving no scope for any further negotiations on prices.**
 - b) **The quoting party should give a certificate to the effect that** the quoted prices are the minimum and they have not quoted the same item on lesser rates than those being offered to NPL to any other customer nor they will do so till the validity of offer or execution of the purchase order, whichever is later.
 - c) Copies of **at least last three supply orders of the last 3 years** received from other customers along with details of such supply orders preferably in India for the same item/model **may be submitted with the offer** giving reasons of price difference of their supply order & those quoted to us, if any.
 - d) The party must give details of identical or similar equipment, if any, supplied to any CSIR lab during last three years along with the final price paid and Performance certificate from them.

8. **ANNUAL MAINTENANCE CHARGES:** The party **must** mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period. This is mandatory to mention.

9. SPECIFICATIONS:

A. Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer and the specifications mentioned in the quotation must be reflected/supported by the printed technical leaflet/literature. Therefore the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc. to the quoting party.

10. PERIOD & MODE OF DELIVERY: The delivery period is the essence of supply; hence it must be indicated specifically in the quotation. Mode of delivery, tentative size and weight of consignment may also be indicated in the quotation.

~~**11. PERFORMANCE SECURITY:** All the successful bidders will have to submit the Performance Bank Guarantee or establish a Standby Letter of Credit (SLOC) or a Bankers cheque / or FDR pledged in favour of DIRECTOR, NPL for required amount as per payment terms mentioned at clause **12** below except where supplier opts for release of amount equivalent to PBG after expiry of warranty period. The PBG format shall be provided to the successful bidder later on along with the purchase order.~~

12. PAYMENT CONDITION:

A. FOR INDIGENEOUS SUPPLIES:

Payment on Bill Basis after supply: For local supplies the payment will be made only after satisfactory installation, commissioning and performance of the equipment at NPL, New Delhi and after certification by our technical expert/scientist. However, supplier will be required either to submit performance bank guarantee (PBG) for **10%** amount of the total value of equipment, after installation of the material, valid up to 60 days after the expiry of warranty period or the equivalent amount shall be released after expiry of the satisfactory warranty period.

B. FOR IMPORTS:

The payment against imports shall be made through irrevocable L/C. L/C will be opened for 100% FOB/FCA value. 90% of L/C amount shall be released on presentation of complete and clear shipping documents and remaining **10%** shall be released after satisfactory installation/demonstration/commissioning,

OR

100% THROUGH WIRE TRANSFER/TT : PAYMENT SHALL BE RELEASED UPON SATISFACTORY INSTALLATION OF SUBJECT ORDER MATERIAL AT NPL site.

13. COMMENCEMENT OF WARRANTY PERIOD: Atleast 12 months, the warranty period of an item shall commence after receipt of the items in good working condition and from the date of its satisfactory installation/commissioning/demonstration at the project site in NPL, New Delhi. The warranty period shall be extended for the period of delay in satisfactory installation and delay in warranty services.

14. NO ADVANCE PAYMENT: No advance payment will be made to any supplier.

15. **INSTALLATION:** The equipment should be installed/commissioned and demonstrated, by the supplier at NPL immediately but **within two months** in any case after receipt of the item in NPL and the same will be put under operation to the satisfaction of our technical expert/Scientist who will test the performance of the equipment. **No separate charges for installation etc. will be paid to the party beyond the quoted prices.**
16. **GUARANTEE/WARRANTEE:** The equipment/instrument must be guaranteed/warranted for a period of at least **one year, if not specifically mentioned otherwise in the specifications sheet, from the date of its satisfactory installation/commissioning** against all manufacturing defects. If the equipment is found defective during this period the whole equipment or part thereof will have to be replaced/repaired by the supplier free of cost at the NPL or at site of the supplier for which 'to and fro' expenses will be borne by the supplier. However, if the items are guaranteed for a period of more than one year, it may be specifically mentioned in the quotation
17. **AFTER SALES SERVICES:** It should be clearly mentioned in the quotation whether the after sales services during and after the completion of warranty shall be provided directly by the supplier or their authorized agent/representative. Terms of the after sales services, if any, may be mentioned in the offer. However, in both the cases the original supplier shall be responsible for poor performance/services.
18. **INSPECTION :**
- a) The inspection of the system will be done by our technical expert /Scientist in the presence of firm's representative.
 - b) In case of receipt of the material in short supply or damaged condition the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the NPL. Or CIF basis till satisfactory installation of the system.
 - c) The supplier **should arrange for physical Inspection of the items directly or through their authorized representative within seven days of arrival of the consignment failing which they will be responsible for the losses.** After the shipment is effected, the supplier/its representative/Indian agents must remain in touch with the lab/instt. to ascertain the date of arrival of consignment.
19. **AUTHORIZATION OF INDIAN AGENTS & INDIAN REPRESENTATIVE:**
- a. In case there is involvement of an /Indian agent/representative in any form as mentioned at (b) below, an authority letter / copy of agreement from the principal manufacturer must be submitted with the quotation.
 - b. Where quoting party/Indian representative claims to be the subsidiary or branch office or an authorized representative of the principal foreign manufacturer/supplier in India, then a copy of approval from RBI/Ministry for operating business in India as Subsidiary/Branch/Liaison office or Joint-Venture may be submitted with offer.
 - c. The details of all supplies involving the foreign exchange shall be furnished to the Enforcement Directorate, New Delhi as per rule. It may be noted that only the quoting parties & their principals shall be responsible for violation of Foreign Exchange Management Act (FEMA) for not declaring the actual bilateral mutual interests, if any.
 - d. Indian agency commission shall be paid only to the Indian Agents in Indian Rupee out of the quoted FOB/Ex-works prices, after receipt of goods in good working condition & satisfactory installation/demonstration/commissioning of the items.
20. **As per instruction of Ministry of Finance and DGS&D, it is compulsory for Indian Agents who desire to quote directly on behalf of their foreign principals, to get themselves enlisted with Central Purchase Organization (DGS&D). Based On the Clarification issued by DGS&D vide their dated 28/03/2017 in regard to the above, Enlistment with DGS&D is also mandatory for the Indian agent/supplier as per rule 152 of GFR 2017 in the following cases:**

- (i) Wherein the foreign supplier has submitted the offer under their signature but the EMD has been submitted by the Indian agent.
- (ii) Wherein the foreign supplier has submitted the offer along with the EMD and as per their quotation it has been mentioned that the after sales services will be provided by their representative in India and it has also been certified that no agency commission is involved.
- (iii) Wherein the Indian supplier has given the quotation in INR under High Sea Sales Agreement basis/Without High Sea Sales Agreement for the product of foreign principal and Custom duty exemption certificate is demanded from the buyer.
- (iv) Wherein Indian subsidiary has quoted on behalf of their foreign counterpart.

Accordingly, if any of the above condition applies to the offer received from Indian agent/ Indian supplier, submission of DGS&D Enlistment certificate is must along with the offer failing which their offer would be summarily rejected. Copy of the acknowledgement received from DGS&D, as proof for submission of application will not be accepted. Only Enlistment certificate is required to be submitted for consideration of offer.

21. USERS LIST :

- a. The list of users specifically for the same model/make of the quoted item (not the list of general users) along with the complete name, address & contact numbers of the user organizations/persons may be submitted with the quotation along with the performance certificates from all/some of them.
- b. **If you have supplied identical or similar equipment to other CSIR Labs./Instts., the details of such supplies for the preceding three years shall be given together with the prices finally paid.**

22. PENALTY CLAUSE FOR LATE DELIVERY & LATE INSTALLATION:

- **Subject to operation of Force Majeure, time for delivery and acceptance is the essence of this contract. The supplier shall arrange to ship the ordered materials within the delivery period mentioned in the order unless extended with/without penalty.**
- In case of delay either in supply or in installation on part of the supplier, a penalty @ 0.5% per week of Order/FOB value will be charged for delayed period subject to a maximum of 10% of order/FOB value. **However, no Penalty shall be applicable if the delay in supply or installation, is attributable on the part of NPL.**
- If the delay in the shipment of the ordered materials attributable to the supplier exceeds agreed time period from the date of original agreed upon date of shipment and extended with/without penalty, the NPL, New Delhi shall have the right to cancel the contract/purchase order and recover the liquidated damages from other dues of the party or by legal means. It will also affect the other/future business dealings with such suppliers.

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- 23. TRAINING:** Wherever needed, Our Scientist/Technical persons should be trained by the supplier at the project site free of cost. In case the person is to be trained at supplier's site abroad or in India it should be mentioned in the quotation clearly. The supplier should bear all the expenses for such training including 'to & fro' fares and lodging & boarding charges.

- 24. ACCEPTANCE OR REJECTION OF OFFER:** The Director, NPL, New Delhi reserves the right to accept or reject any quotation /tender in part or full without assigning any reason thereof. The successful bidder should submit Order acceptance within 15 days from the date of issue.

- 25. PAGE NUMBERING & SIGNATURES:** Your offer should be a page numbered and signed by an authorized signatory giving his/her name and designation below the signatures.

- 26. INTERIM ENQUIRIES:** No interim inquiries will be attended.

- 27. FORCE MAJEURE:** The Supplier shall not be liable for forfeiture of its performance bank guarantee, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

- 28. DISPUTE SETTLEMENT:** The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

The dispute settlement mechanism/arbitration proceedings shall be concluded as under:

- (a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director General, Council of Scientific & Industrial Research and if he is unable to unwilling to act, to the sole arbitration of some other person appointed by his willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
- (b) In the case of a dispute between the Purchase and a Foreign supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

The venue of the arbitration shall be the place from where the purchase order or contract is issued.

Notwithstanding any reference to arbitration herein,

- (a) The parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
- (b) The purchase shall pay the Supplier any monies due the Supplier.

Annexure -I

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S. No.	Details & description of Indenting Items	Qty
	Items required for setting up Air Plasma based THz generation and ZnTe based detection Spectrometer system	
1.0	Optical table <u>General Specifications for the optical table system</u> The Optical table must be a vibration isolation system. It is required for mounting terahertz spectroscopy experiments. It will be placed on the ground floor of the building.	1 (as a set)
1.0a	Table Tops Specifications: Table top dimensions for optical table :Length=2400 ± 10 mm, Breadth = 1500 ± 10 mm, Thickness=300 ± 5mm Height=1000 mm Working surface material : Stainless steel Surface flatness : ± 0.1 mm over 600 mm ² or better Mounting holes : M6 holes Table core: Steel honeycomb Top plate thickness: 4 mm or higher	1
1.0 b	Legs and Isolators Built in leveling indicator. Specifications: Working Surface height from floor : 1000 ± 30mm Vibration Isolation (for the building vibrations and other lab equipments) <ul style="list-style-type: none"> ➤ Vertical Isolation at 5Hz : ≥ 90 % ➤ Vertical Isolation at 10Hz : ≥ 90 % ➤ Horizontal Isolation at 5Hz : ≥ 80 % ➤ Horizontal Isolation at 10Hz : ≥ 90 % ➤ Vertical Isolation Res : ≤ 2 Hz ➤ Horizontal Isolation Res : ≤ 2 Hz ➤ Height adjustment range: ± 30mm Self leveling capability when loaded unevenly.	4
1.0c	Air compressor with automatic pressure control Specifications: Heavy duty, noise less air compressor (a) Noise ≤ 30dBA (b) Pressure ≥ 80Psi Has water separator and air filter/regulator Operates with 230 V +/- 10% single phase 50 Hz supply	1

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Annexure -I

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1.1	<p>Optical Breadboard with optical cart (mobile work station)</p> <p>1.1a Breadboard Specifications: Dimension: 900 mm(W) x 1200 mm(L) x 50 mm(T) Surface Flatness: ± 0.1 mm over 600 mm² Mounting Holes: M 6 Mounting Hole Pattern: 25 mm grid Top and Bottom Skins: 4.8 mm thick with integrated damping layer Core Design: Trussed honeycomb,</p> <p>1.1b Optical cart specifications: Accommodate Breadboard Sizes : 900 mm(W) x 1200 mm(L) Load capacity : 200kg or more Height : 1000 mm \pm 100 mm Leveling pad height: \pm 15 mm</p>	1
1.2	<p>Optical motorized delay Stage with retro reflector</p>	1
1.2a	<p>Stepper motor controlled translation stage</p> <p>Specifications: Travel range: 150 mm Resolution: 0.1 μm Minimum Incremental motion: 0.3 μm Pitch: 120 or \pm 60 μrad Yaw: 90 or \pm 45 μrad Maximum speed: 20 mm/sec Base Material: Stainless Steel Cable Length : > 3 metres</p>	

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Annexure -I

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	Thread Type: M4 and M6	
1.2b	Controller Controller for above stage Specifications: Computer interface: RS-232-C and/or USB compatible Number of axis: 1 Drive type: Stepper Motor control: 48 VDC, 1.1A/ph peak, 100kHz PWM switching freq	1
1.2c	Power supply <u>220-240 VAC</u> , 50 Hz	1
1.2d	Interface cable(USB and RS232) Two sets of USB and RS232 interface cables	2
1.2e	<u>Broadband hollow retro reflectors</u> 01 no. Aperture diameter 1", reflectivity > 90% wavelength over 650-900 nm 1. Material : Pyrex or BK 7 2. Wave front distortion : $\leq \lambda/3$ at 633nm over the full aperture 3. Surface quality : 80 - 50, scratch -dig 4. Beam deviation : 10 arc sec or less 5. Mounting : M6 hole 6. Damage threshold : 100W /cm ² CW	1
1.3	Optical Chopper Optical chopper Specifications:	1

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Annexure -I

-19c-

	<p>Chopping Frequency: 4 Hz to 10 kHz Harmonic Chopping: 2 to 15 Sub-Harmonic Chopping: 1/2 to 1/15 Phase Jitter: 0.4° rms Wheels : six wheels Cable Connection type : USB 2.0</p>	
1.4	<p>Optical spectrometer Specification: Wavelength Range: 200-1100nm Detector type: CCD with USB interface Optical resolution: 0.1 to 10 nm FMHM Signal to noise Ratio: 1:300</p>	
1.5	<p>THz Power meter with optical chopper Specification: Measuring Range: 0.1 THz – 30 THz Measuring Power : 2 nW to 30 mW Sensor Size : 5 mm active area SDC Chopper sync 25 Hz. NEP : 3 nW/√Hz Software: T-ray module software</p>	
2.0	<p>Lock-In- Amplifiers (compatible for optical chopper reference signal and terahertz signals from balanced detector) DSP dual Lock-In Amplifier displays the magnitude and phase of a signal.</p>	

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Annexure -I

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	<p>Specifications:</p> <p>Operating range : 1 mHz to 100 kHz</p> <p>input impedance 10 MΩ,</p> <p>Voltage sensitivity is 2 nV.,</p> <p>phase resolution : 0.01</p> <p>Frequency Accuracy: 25ppm</p> <p>Harmonic rejection: -80dB</p> <p>CMRR: ≥100dB</p> <p>Auto-gain, -Phase,-reverse, and-offset,</p> <p>compatible for GPIB and interface cards</p>	
3.0	Oscilloscope	1
	<p>200 MHz Mixed Signal Oscilloscope</p> <p>4 Analog and 16 Digital channels</p> <p>Color Display: 9 inch</p> <p>Analog Characteristics</p> <p>Analog Channel Bandwidth =200MHz</p> <p>Record Length =4M Points</p> <p>Analog Channel Sample Rate=2.5 GS/s on each channel</p> <p>Input Sensitivity =1 mV/div to 5 V/div</p> <p>Input Voltage = -20 to + 30 V</p> <p>Connectivity= USB/LAN/VGA</p> <p>Standard Accessories =200MHz 10X passive per channel,16 channel logic probe, Manual and calibration certificate.</p>	
4.0		
4.1	PC/Laptop (with proprietary software for air plasma based terahertz time and frequency domain data analysis that must support optical delay line and optical chopper), data acquisition card, Interface converter	1

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Annexure -I

12/c

4.2	<p><u>Storage:</u> Hybrid Hard Drive Capacity 500GB or greater Optical Drive Type CD/DVD-Writer</p> <p><u>Software:</u> Operating System Windows 7 professional or latest with original license and office 2010 or higher</p> <p><u>Processor:</u> Processor Type Core i5 or greater Processor Speed 1.90 GHz or greater Processor Core Dual-core (2 Core) Cache 3 MB or greater</p> <p><u>Memory:</u> Memory Card Supported Secure Digital (SD) Card (internal or external) Memory 8 GB or higher Number of Total USB Slots 4 or more</p> <ol style="list-style-type: none">1. Optical wireless mouse on USB port2. Wireless keyboard3. 15" color LCD monitor. (19" in case of desktop PC)4. Antivirus software <p>Data Acquisition card System</p> <ul style="list-style-type: none">• PCI Express/ PXI/ PXI Express• 8 analog inputs Single ended or 4 differential channels, ≥ 1 MS/s; ≥ 24-bit resolution• 2 Channels Analog Outputs, ≥ 24-bit DAC	

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4.3	<p>Specifications for Interface converter (GPIB Controller) for High-Speed USB with software</p> <ul style="list-style-type: none"> • High Speed-USB-GPIB Card • IEEE 488.2 compatible • USB type <p>Note: The quotation must be supplemented with complete technical data sheets and literature else the quotation is likely to be rejected. The driver software for window 7 should be provided on CD/DVD media.</p>	

Note:

1. All items must carry a warranty of at-least one year
2. Please mention AMC for all equipments
3. CSIR-NPL reserves the rights to place consolidated/split orders.
4. **Quality assurance**
The manufacturer should have ISO 9001-2008 certification for manufacturing and quality assurance (copies to be supplied at the time of delivery)
5. **Other**
 - For different models, quote separately.
 - Quote separately for all the essential spare parts required for trouble free operation
6. **Acceptance criteria**
 - Quotations will be accepted only from original manufacturers or their authorized representatives, *subject to compliance of clause No. 20 of this Tender*
 - Only those quotation(s) will be considered which are accompanied with detailed drawing and printed technical details.
 - Test reports of the above indenting items should be supplied.
 - Installations of all the indenting items have to be done at NPL site by the supplier(s).

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