

Ref.: TIFR/PD/CA17-204/171507

November 10, 2017

NIT cum Tender Document (ONE PART LIMITED TENDER) for the following item:

1. Digital High Voltage Power Supply for Triode Ion Pump, Qty. 12 Nos.
2. Digital High Voltage Power Supply for Diode Ion Pump, Qty. 4 Nos.
As per attached technical specifications

Tender No.	TIFR/PD/CA17-204/171285
Estimate Cost	Rs. 12 Lakh
EMD	Rs. 24000/-
Type of Tender	One Part Limited Tender
Date of Publishing	10.11.2017
Last Date for Submission of Tender	29.11.2017 up to 17.30 hours
Date of Opening Bids	30.11.2017 at 15.00 Hours

Tender should be submitted in sealed envelope superscribed with the Tender No.,
Due Date in Bold Letters.

Please see attached sheet for conditions of tender.

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Ref: TIFR/PD/CA17-204/171507

Technical Specifications

Sr. No.	Item Description	Quantity
1	<p>Digital High Voltage Power Supply for Triode Ion Pump with following Specification:-</p> <ol style="list-style-type: none">1. Output Voltage: 6.2 kV (Negative) @open circuit2. LCD Display • 16 x 2 large LCD Display • Simultaneous Display of current, voltage and pressure • Timer During protect mode • Data Recording • Over current Trip Thermal Trip3. Legends & Controls • H.V. On / Off Mode Switches • Trip LED • Protect LED • Power ON LED4. Protection • Standard Trip set 50 mA • Thermal Trip • Interlock5. Unit : Torr, Pascal, mbar6. Relay output (2 no.) for Pressure $M10^{-n}$ (m=1 to 9, n=2 to 9)7. Protect Period : 5,10,15,20,25,30 min8. RS 232 / 485 connectivity / Ethernet connectivity9. Input Power : 230 VAC + 10%, 50Hz, signal10. Three meter HV cable with mating connectors for ion pump and power supply11. Supply should automatically restart with last valid state (ON=ON and Off=Off)	12 Nos.
2	<p>Digital High Voltage Power Supply for Diode Ion Pump Specification:-</p> <ol style="list-style-type: none">1. Output Voltage: 5.4 kV (Positive) @open circuit2. LCD Display • 16 x 2 large LCD Display • Simultaneous Display of current, voltage and pressure • Timer During protect mode • Data Recording • Over current Trip Thermal Trip3. Legends & Controls • H.V. On / Off Mode Switches • Trip LED • Protect LED • Power ON LED4. Protection • Standard Trip set 50 mA • Thermal Trip • Interlock5. Unit : Torr, Pascal, mbar6. Relay output (2 no.) for Pressure $M10^{-n}$ (m=1 to 9, n=2 to 9)7. Protect Period : 5,10,15,20,25,30 min8. RS 232 / 485 connectivity / Ethernet connectivity9. Input Power : 230 VAC + 10%, 50Hz, signal10. This power supply should be calibrated for 80 L/s Diode type pump and output 0-10V should be available for CAMAC interface11. Three meter HV cable with mating connectors for ion pump and power supply (SHV on back panel and SHV female on cable end)12. Supply should automatically restart with last valid state (ON=ON and Off=Off)	4 Nos.

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Autonomous Institution of the Department of Atomic Energy, Government of India (A Deemed University)

HOMI BHABHA ROAD, COLABA, MUMBAI – 400 005

(PURCHASE SECTION)

Terms and Conditions

1. The quotation shall be submitted in a sealed envelope duly superscribed with the tender enquiry number, and the due date in bold letters, addressed to the Admn. Officer (Purchase), Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai – 400005. The envelopes should be clearly marked on top as the Tender Enquiry No., Due Date in bold letters. The sealed envelope has to be delivered by hand/courier at the Security Gate Officer of TIFR on or before on the due date specified. Tenders submitted after 14.00 hours on last date will not be considered.
2. After downloading the documents please inform your company details such as name, address, telephone nos., contact person and email address etc. by email to us. (deepak.baghele@tifr.res.in, madhuram@tifr.res.in, sanju@tifr.res.in, dalvidd@tifr.res.in) to enable us to inform prospective bidder for any corrigendum/changes if any; in the Tender document before due date.
3. In case the quotation is not sealed in the envelope the tender will be rejected.
4. Quotation must be valid for a period of 90 days from the due date.
5. Tenders containing correction, overwriting will not be considered. Late or delayed/Unsolicited quotations/offers shall not be considered at all. These will be returned to the firms as it is. Post tender revisions/corrections shall also not be considered.
6. Tenderer should sign on all the pages of the bid
7. If equipment offered is to be imported, arrangements for import will be made by us.
8. Tenders who do not comply with any of the conditions are liable to be rejected.
9. In case of any interpretational issues in this tender, the interpretational decision of the TIFR shall be Final binding on the bidder.
10. TIFR reserve the right to ask for or to provide any clarification, changes after the release of this tender.
11. TIFR reserve the right to cancel the tender even after the receipt of tender.
12. TIFR reserve the right to cancel the tender even after the receipt of tender, and in such case the EMD would be refunded without any interest to the bidding parties.
13. The Institute shall be under no obligation to accept the lowest or any other tender received in response to this tender notice and shall be entitled to reject any tender without assigning any reason whatsoever.
14. TIFR reserves the right to place the order for part/reduced quantity than what is specified in the tender

15. An earnest money for **Rs.24,000/-** (i.e.2% of the total estimated cost) has to be deposited in the form of bank draft drawn on a nationalized bank in favour of **Registrar, Tata Institute of Fundamental Research, Mumbai** along with the quotation. The earnest money will be refunded to the unsuccessful bidders on finalization of the contract. Successful bidders will have to deposit **Security money @ ie.10 % of the contract value** in the form of Bank Guarantee valid for a period of 60 days beyond the date of contractual obligations. Security amount will be forfeited if the Firm /Supplier fail to perform any of the terms & conditions of our Tender enquiry/ document.
16. The Supplier shall arrange to deliver the ordered materials within the mutually agreed delivery period mentioned in the order unless extended with / without penalty.
- In case of delay in supply on the part of the supplier, a penalty @ 0.5% per week of order value will be charged for delayed period subject to maximum of 10% of order value.
 - The same rate of penalty shall be applicable for late installation of the equipment / instrument also.
17. **Our standard Payment terms are as follows:**
The payment will be made only after delivery of the supply, satisfactory installation, commissioning and performance of the item/equipment at TIFR Mumbai and after certification by our technical expert/ Authorized officer.
18. No Advance payment will be made to any local supplier except in case of furnishing valid Bank Guarantee from any nationalized / scheduled bank and the B.G. shall be valid till the complete delivery is made at the site.
19. For Import cases: **No Agency commission will be paid as per Govt. of India rules.**
20. The delivery period should be specifically stated and earlier delivery may be preferred.
21. **COMMENCEMENT OF WARRANTY PERIOD:** The warranty period of an item shall commence from the date of receipt of the item in good working condition and satisfactory installation/commissioning/demonstration at the project site. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services
22. 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.

23. **Price must be quoted in the "Price Bid" format attached herewith.**

24. Bidder who have not accepted the order / job awarded to them or withdrawn from the tender process OR whose EMD / Security Deposite has been forfeited in the past, their bid will not be considered and treated as ineligible/disqualified.

ADMINISTRATIVE OFFICER
(PURCHASE SECTION)
TIFR, MUMBAI

TIFR Enquiry No & Date: _____

Due date: _____

Bidder's Quotation Ref No. & Date: _____

Bidder's GST Registration No.: _____

Price / Financial Bid (Bidders must quote their rates using this Format)

Sr. No.	Item Description	Make/Brand/Type	HSN Code	Qty.	Rate per unit	Item wise GST %	Cost (In INR)
	Freight/Transportation charges, if any						
	Service/Labour charges, if any						
	Any Other charges						
	Less : Buyback, if any						
	Total landed cost in Figures & words						
	Delivery Period						
	Waranty Period						
	Validity of Quote						
	Payment Terms						

Note:

1. All the cloumn should be appropriately filled and not left blank, any duty/tax/ charges not applicable, then please specify as " Not Applicable"
2. Do not include any other charges, taxes, duties etc. in the Basic Cost of the item,
3. Any accessories, optional items should be shown seperately.
4. Other Technical & Commercial details shall be furnished in a separate sheet.
5. Use separate sheet for detail description,specification of the item,but prices should be quoted in same format.

Signature of the Bidder

Name, Address, Contact No. _____
& Email id of the Bidder/Company _____
with company's stamp or seal _____

Date: _____

Place: _____