



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR
(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

NIT LIMITED NO. NC-000181-PHY-17-18-LTN-57

GAMMA RAY SPECTROMETER

NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH
JATNI CAMPUS, P.O.: JATNI,
Khurdha-752050

Tender Notice No. NIT Limited NO. NC-000181-PHY-17-18-LTN-57

Sealed Tenders are invited on behalf of the Director, National Institute of Science Education and Research, Jatni from the manufacturers (Indian or Foreign) and their authorised reseller/Indian agent only for supply & installation of the following item:-

Sl. No.	Name of the Items	Name of Department	Indent No.	Qty.
1.	GAMMA RAY SPECTROMETER	School of Physical Science	NC-000181-PHY-17-18-LTN-57	2 Nos.

Detail Tender Document can also be downloaded from the NISER web-site address: <http://niser.ac.in> directly.

NISER reserves the right to accept or reject any or all the Tenders without assigning any reason.

Terms & Conditions: -
As per attached sheet

Yours faithfully,

Stores & Purchase Officer

PART - 1
TERMS & CONDITIONS
FOR SUPPLY AND INSTALLATION
OF
GAMMA RAY SPECTROMETER
FOR
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI

PART - 1
TERMS & CONDITIONS

1. Sealed tenders are invited for supply and installation of GAMMA RAY SPECTROMETER in the National Institute of Science Education and Research. The tender document consists of the following two parts.

Part-1: "TERMS & CONDITIONS" & "TECHNICAL BID" of the tender.

Part-2: "FINANCIAL BID" of the tender.

2. The bidder must attach the at least 03 Purchase Order copy for Supply & Installation of above equipments during the last 01 financial years in State Government or Govt. of India Department(s) /Reputed Organisation(s) (in Nos. and Value). Please attach a list of clients.
3. The bids submitted by the vendors should be valid for a minimum period of 90 days from the date of the opening of tender and the prices should be valid till execution of purchase agreement.
4. The sealed envelope containing "The Bid" on prescribed tender document of the NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH should reach the Stores & Purchase Officer, National Institute of Science Education and Research, JATNI on or before **15.11.2017 up to 5:00 P.M.** otherwise the tender will not be accepted.
5. The sealed envelope of the bidders shall be opened on **16.11.2017 at 2:30P.M.**
6. For further information/clarification in this respect, please contact Dr. Sudakshina Prusty on e-mail sprusty@niser.ac.in. Only e-mail inquiries will be entertained.
7. The supply and installation of the above equipments shall be made by the vendor within 4 -6 weeks from the date of issue of the purchase order.
8. All the items to be supplied should be new, of good quality and standard and as per the technical specifications mentioned in technical bid document.
9. Discount: Any conditional discount will lead to the rejection of your tender.
10. The vendor will provide operational manuals, OEM documents for peripherals, set of diagnostics to test all the sub-systems etc. along with the systems.
11. The installation of above equipments will be at the National Institute of Science Education and Research, JATNI., Khurda, which is about 30 km away from Bhubaneswar on NH-5
12. The prices quoted in the technical/financial bid should be inclusive of power cables, interface cables, packing, forwarding, freight up to NISER, Jatni, transit insurance and installation charges at sites. Excise duty/custom duty and GST if applicable should be quoted separately at the appropriate columns provided for them in the

technical/financial bid (NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH is exempted from Excise Duty). In case of import the NISER will arrange the clearance from Kolkata Airport. All the expenses, like Import duty, insurance will be added in your cost to calculate landed cost. (NISER is exempted from Custom Duty. The present rate is approx. 5.15%).

13. In case, excise duty/custom duty and GST are reduced or increased subsequently by the Government at the time of placement of the purchase order or delivery, then the same will be adjusted by either party on production of requisite proof.

14. Payment for the items to be supplied by the vendor against the purchase order shall be made by NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH as follows:-

100% payment will be made within 45 days after successful installation and submission of all original documents (including delivery challan, warranty certificate, installation report)

The tenderers who are not agreeing to above payment terms, are requested not to submit their tender.

15. The equipments will carry three years on site comprehensive OEM warranty. Warranty period will start from the date of successful installation of all the items at site.

16. Parties should specify the make and model of each Item along with all other details.

17. The bidder shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment

The equipment must be supported by a Service Centre manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contract the Principal's vendor support Centre on a toll free number/web/mail.

18. The tender must be submitted on the prescribed tender document issued by the NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH. Any other technical details required to supplement the information quoted in the prescribed tender document may please be attached separately. The information asked in the tender document should be given at the place provided for it in the tender document. The tenders in which information is not given at the place provided for it or not in the similar format given in the tender document may be rejected.

19. Printed conditions of the vendor submitted with the tender will not be binding on NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH.

20. The documents containing bids shall be free from cutting and erasures. However, alterations, if any, in the tender should be attested properly by the bidder, failing which the tender is liable to be rejected.

21. The tenders submitted by telex/telegrams/fax/email will not be considered. No further correspondence will be entertained on this matter.

22. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH will not be responsible for any delay in obtaining the tender document by the vendor from NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH or submission of the completed tender document to NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH.

23. The registration number of the firm along with the GST No. allotted by the GST authorities and I.T. registration number (P.A.N.) along with the place of registration should invariably be given along with the technical bid.
24. Tender not conforming to any or all the above terms and conditions will be rejected.
25. Incomplete tenders are liable to be rejected.
26. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH reserves the right to increase/decrease the specified quantities of any item(s) given in the tender.
27. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH reserves the right to reject any or all the tenders without assigning any reason whatsoever. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH would not be under any obligation to give any clarifications to those vendors whose tenders have been rejected. The decision of Director, NISER is final and binding in case of any dispute arising out of this contract between both the parties.

(Deepak Srivastava)
Stores & Purchase Officer

DECLARATION BY THE VENDOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 27. This is also certified that I/We/our principal manufacturing firm have no objection in signing the purchase contract if the opportunity for the supply of the items against this tender is given to me/us.

Date:

Signature:

Address:

Name:

Designation:

On behalf of:

(Company Seal

**SUPPLY AND INSTALLATION
OF
GAMMA RAY SPECTROMETER
FOR**

**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI
TECHNICAL SPECIFICATION**

S. No.	Item Specification	Offered specification with Make & Model No. please specify any deviation if any. Please attach separate sheet if required
(1)	(2)	(3)
	GAMMA RAY SPECTROMETER (NC-000181-PHY-17-18-LTN-57)	
1.	GAMMA RAY SPECTROMETER	
	<p>Item Specification:</p> <p>Gamma ray spectrometer set up consisting of a NaI(Tl) scintillation detector, Modular system based spectrometer with single channel analyzer, counter, a separate MCA compatible to the set up, a set of standard Radioactive sources and all other essential accessories.</p> <p>Detector unit: Scintillation detector with NaI(Tl) with 2" x 2" flat type crystal, coupled with a photomultiplier tube, energy resolution better than 9%.</p> <p>High voltage unit: Output voltage should be variable continuously from 0-2000V, Output current (max) 1mA, Load & Line regulations better than 0.005%, over load & short circuit protections.</p> <p>Spectrometer unit: Linear amplifier- Input polarity: Positive or negative, Gain: 800 (approx), Max. output (Unipolar): 12V Single Channel Analyzer- Input: unipolar/Bipolar with positive leading edge, resolution: 0.6 micro-second, Baseline should be variable between 0-10V, Window width should be variable: 0-1V in window mode and 0-10V in normal mode</p> <p>Counter- Input: unipolar or positive bipolar, minimum pulse width 0.5 micro-second, Programmable preset time, Should store up to 1000 reading Multi channel analyser with necessary power supply- It should be a separate unit which can be connected externally with a computer. MCA resolution: 1024 channels, Pulse processing time < 10 μs, with suitable interfacing with computer (USB/RS232) Necessary software for data acquisition and processing should be provided.</p>	

	<p>Source:</p> <p>Set of suitable Gamma sources should be provided with the set up. The sources should be in form of disc and the activity should be of the order of 2 to 5 micro curie.</p> <p>Absorber set:</p> <p>Set of absorbers (Al/Cu) for determining half value thickness and mass absorption coefficient of gamma rays should be provided.</p>	
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Note: - Parties must mention make & model no. of the equipment offered by them, with detailed specification (on separate sheet). Otherwise their tender will not be accepted.

FINANCIAL BID
FOR SUPPLY AND INSTALLATION
OF
GAMMA RAY SPECTROMETER
FOR
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH,
JATNI

Sl. No.	Systems	Approx. Qty.	Unit Price Including (delivered at NISER, Jatni Campus) Service Charges, installation and warranty charges in INR
(1)	(2)	(3)	(4)
1	GAMMA RAY SPECTROMETER	2 Nos.	Please quote your price in printed format only
2	NC-000181-PHY-17-18-LTN-57 Detailed technical specification as per technical bid.		
3	GST	_____%	
4	Above item should carry three years onsite comprehensive OEM warranty. In case the tendered provide warranty less than 03 years then he has to give justification for lesser period of warranty. Without justification his tender is liable to be rejected.		

ALL ABOVE ITEMS ARE ON 3 YEARS ONSITE FULL COMPREHENSIVE OEM WARRANTY.

Note: Please mention GST Rate for the above mentioned item.

Date:

Address:

(Company Seal)

Signature:

Name:

Designation:

On behalf of:

**NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH
JATNI CAMPUS, P.O.: JATNI,
KHURDA-752 050**

Tender Notice No. NIT Limited NO. NC-000181-PHY-17-18-LTN-57

CHECK LIST

Your bid should accompany with following documents. Please enclose the required document and put (√) mark in the check list where ever applicable.

Sl. No.	Description of Documents	Enclosure
1.	Acceptance of Declaration by the Vendor enclosed with terms & conditions	Yes / No
2.	At least 03 Purchase Order copy for Supply & Installation of above equipments during the last 01 financial years in State Government or Govt. of India Department(s) /Reputed Organisation(s) (in Nos. and Value). Please attach a list of clients.	Yes / No
3.	GST Registration no. with Place	Yes / No
4.	Income Tax Registration no. with place	Yes / No
5.	Detailed technical description of the item	Yes / No
6.	Detailed filled Financial Bid	Yes / No
7.	Authorisation letter in letter head duly signed by the authorised signatory for allowing your representative to attend the tender opening meeting.	Yes / No

Signature of the Authorised Signatory with Date
(with Company Seal)