

**SIDDHARTHA ACADEMY OF HIGHER EDUCATION  
(DEEMED TO BE UNIVERSITY),  
(FORMERLY VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE)  
KANURU, VIJAYAWADA – 520007, ANDHRA PRADESH, INDIA**

Ref: VRSEC/ECE/ANRF-IRG/2025-26/002

Date: 22-07-2025

**NOTICE INVITING QUOTATION (NIQ) FOR SUPPLY & INSTALLATION OF VECTOR NETWORK ANALYZER AND STANDARD ACCESSORIES UNDER ANRF SPONSORED PROJECT IN THE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, SIDDHARTHA ACADEMY OF HIGHER EDUCATION (DEEMED TO BE UNIVERSITY), (FORMERLY VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE) KANURU, VIJAYAWADA**

Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada, invites sealed tenders in a two-bid system for supply and installation of Vector Network Analyzer and Standard Accessories under ANRF Sponsored Project as per details at ANNEXURE-III. The first part is the Technical Bid which consists of technical requirements and general terms & conditions and the second part is the Financial Bid.

Prescribed Tender document, detailed fees and specifications, bid instructions and Terms & Conditions can be downloaded from the Institute website and should reach the undersigned on or before 04:59 PM on 12-08-2025.

**BID INSTRUCTIONS:**

1. For submitting **Technical and Financial bid**, two separate sealed covers should be used with superscription clearly on the top of the Envelope. If two separate sealed covers are not used, the tender shall be cancelled as not conforming to the technical requirement. Both the sealed covers should be placed in the main sealed Envelope distinctly superscribed with the address of the Agency submitting the quotation and the Officer to whom the quotation is addressed to. Further, on the sealed cover, the following are to be written:

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2. Submission of Compliance Certificate: Duly filled and signed Compliance Certificates (as per formats at Annexure-I A & B) are must with the technical bid.
3. Bid not transferable: The bid documents are not transferable and the seal and signature of the authorized official of the firms must appear on all the papers and envelopes submitted.
4. The quantity mentioned for each item in the Annexure-III may vary depending on requirements.
5. GST Registration Certificate should be enclosed along with the tender documents.
6. Relevant catalogue of the items (if any) must be enclosed.
7. For e-way bill the successful vendor has to apply online via <https://ewaybill.nic.in/ewb.html>.

## NIQ TERMS & CONDITIONS:

01. Rates: Rates quoted in the Price Bid should be on Door Delivery SIDDHARTHA ACADEMY OF HIGHER EDUCATION (DEEMED TO BE UNIVERSITY), (FORMERLY VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE) KANURU, VIJAYAWADA basis, as per details below:

Group:	Item Sl. No.	Item name
Sl. No.	Particulars	Rate
1	Basic Price (per unit)	
	Discount if any	
	Total	
	GST (pl. break up CGST/SGST/IGST)	
	Total (per unit)	
	Grand total for the item	
2	Transportation charges up to Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada premises (if applicable)	
3	Transit Insurance covering all risk up to 10 days after delivery (if applicable)	
	Grand total on door delivery	
4	Annual Maintenance Contract rate (after expiry of warranty period)	

*Note: Vague terms like “packing, forwarding, transportation etc. extra” without mentioning the specific amount will not be accepted. Such offers shall be treated as incomplete and rejected. Bidders shall indicate their rates in clear/visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail. Usage of “White ink” to erase and then rewrite the rates will not be accepted.* Bidders are advised to strike out wrong entries and rewrite clearly beside them. In such cases, the bidder shall have to sign and place their official seal for every corrected entry.

02. Quotations have to be submitted in Indian Rupees only. If goods are to be imported, the quotations shall include all charges for customs clearance, clearing agent fees, landing port handling charges, insurance etc. and onward transportation of the goods from the port/airport of landing for door delivery Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada
03. All documents submitted should be self-attested with seal of the bidder.
04. Bidder must unconditionally accept all terms and conditions stipulated in the tender document and all pages of the bid including all enclosures should be numbered and must be duly filled in, signed and stamped by the bidder or his authorized representative. Offers received without signature and seal on all pages are liable to be rejected.
05. **Validity of Quotation:** Quoted rates must be valid for 90 days from the date of quotation.

06. **Warranty:** The quoted equipment and components must be warranted for a minimum of three Years.
07. **Literature must:** All the quotations must be supported by the printed technical data sheet/ literature and the specifications mentioned in the quotation must be reflected/ supported by such printed technical data sheet/ literature. The model no. and specifications quoted should invariably be highlighted in the data sheets/ literature for easy reference.
08. **Details of supply** of similar items/equipment to premier institute(s) (preferably those located in the institutes' region) must be provided.
09. **Presentation:** Technically qualified bidders may be called upon to give full presentation of the quoted equipment before opening of Price bid as a support of their Technical Quotations and for any clarifications.
10. **Equipment breakdown:** Any Equipment breakdown must be attended to within 72 hours during the warranty period of the equipment free of cost.
11. **Training:** If required, free training is to be provided on the operation, maintenance and troubleshooting of the supplied items.
12. **After Sales Service:** Vendor should clearly state the available nearest after sales service facilities in the region, without which the offer will be rejected.
13. **Dealership Certificate:** The bidder/tenderer should be either a manufacturer or authorized agent of the foreign/Indian manufacturer. Dealers or Agents quoting on behalf of Manufacturer must enclose valid dealership certificate.
14. **Performance Bank Guarantee (PBG):** The successful bidder shall furnish an unconditional PBG (as per format at Annexure II) for 5 % of the Purchase Order value from a Nationalized/Scheduled Bank of India, before release of the payment. Else 5 % of the billed amount will be deducted as security deposit. Where the PBG is obtained by a foreign bank, it shall be endorsed by a Nationalized/Scheduled Indian bank and shall be governed by Indian Laws and be subject to the jurisdiction of courts at Vijayawada. The PBG shall guarantee that,
  - a) The Vendor guarantees satisfactory operation of the Equipment & components against poor workmanship, bad quality of materials used, faulty designs and poor performance.
  - b) The Vendor shall, at his own cost, rectify the defects/replace the items supplied, for defects identified during the period of guarantee.

The PBG shall remain valid for period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.

**15. Delivery:**

- a) Time Limit: Maximum within 60 (Sixty) days from the date of issue of purchase order.
- b) Safe Delivery: All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the package will be opened only in the presence of institutes' user/representative and vendor's representative. The intact condition of the package and the seal/indicators for not being tampered with, shall form the basis for certifying the receipt in good condition.
- c) Insurance: The supplier is to establish 'All Risk Transit Insurance' coverage till door delivery at Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada.
- d) Part Delivery: Acceptance of part delivery shall be a prerogative of the Institute.

- e) **Penalty for delay in delivery:** The date of delivery should be strictly adhered to otherwise the Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada reserves the right not to accept delivery in part or full. The Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada also reserves the right to impose penalty, as deemed fit, for delay in delivery of the equipment. The decision of the Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada shall be binding to all.
16. **Installation:** On site installation with all the required software must be done within 7 days of delivery.
17. **Genuine Pricing:** Vendor is to ensure that quoted price for the particular item is not more than the price quoted to any other customer in India, particularly to IITs/NITs and other Government Organization. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with the offer.
18. **Conditional tenders not acceptable:** All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Conditions mentioned in the tender bids submitted by vendors will not be binding on Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada.
19. **Late and delayed tender:** Late and delayed tender will not be considered. In case any unscheduled holiday occurs on the prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
20. **Payment:** Public Financial Management System rules applicable upon delivery, installation and acceptance.
21. **Enquiry during the course of evaluation not allowed:** After opening the Technical Bid, no enquiry from the bidder(s) shall be entertained during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative may make enquiries/seek clarification from the bidders. In such a case, the bidder must extend full cooperation. The bidders may also be asked to arrange demonstration of the offered items, in a short period of notice.
22. At any time prior to the date of submission of bid, Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada may, for any reason, either of its own or in response to a clarification from a prospective bidder, modify the bidding documents by an amendment / corrigendum. Any such amendment / corrigendum will be duly notified through the Institute's website only. Prospective bidders are advised to check the Institute's website every now and then for any amendment / corrigendum. In order to provide reasonable time to take the amendment into account in preparing the bid, Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada may extend the date and time for submission of bids.
23. The acceptance of the quotation will rest solely with the Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.
24. **Force Majeure:** If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:

- a) Any law, statute or ordinance, order action or regulations of the Government of India
- b) Any kind of natural disaster, and
- c) Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

**25. Termination for default:** Default is said to have occurred

- a) If the equipment or any of its component is found having poor workmanship, faulty designs, poor performance and bad quality of materials used.
- b) If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada.
- c) If the supplier fails to perform any other obligation(s) under the contract.

Under the above circumstances Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada may at its discretion also take the following actions: Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada for any extra expenditure involved towards goods and services obtained.

**26. Applicable Law:**

- a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Vijayawada, India only.
- b) Any dispute arising out of this purchase shall be referred to the Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Head of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.

Registrar

Encl.: ANNEXURE-I, ANNEXURE-II, ANNEXURE-III.

ANNEXURE-I

**A. COMPLIANCE CERTIFICATE FOR NIQ TERMS AND CONDITIONS**

(To be enclosed in the technical bid)

Sl. No.	NIQ Terms and Conditions	Yes/No
01	<b>Rate</b> quoted as per instruction	
02	<b>AMC rate</b> after warranty provided	
03	<b>Validity</b> of quoted rate for 90 days agreed	
04	<b>EMD</b> submitted / appropriate certificate enclosed	
05	<b>PBG</b> term agreed	
06	<b>Payment</b> term agreed	
07	<b>Delivery terms</b> agreed	
08	<b>Warranty period</b> agreed	
09	<b>Literature:</b> Printed provided	
10	<b>Dealership</b> /distributorship certificate (in case of dealers/agents) provided	
11	<b>Details of supply to other Institutes of National Importance</b> provided	
12	<b>Equipment breaks down clause</b> agreed	
13	<b>After Sales Service:</b> address of nearest after Sales Service Centre in the region provided	
14	<b>Manufacturer</b> certificate provided	
15	<b>Applicable law</b> terms agreed	
16	All other terms and conditions mentioned in the NIQ (Technical & Financial) agreed	

Signature with Seal:

Vendor: M/s

ANNEXURE-I

**B. COMPLIANCE CERTIFICATE FOR SPECIFICATIONS**

(One for each item, must be closed in the technical bid)

Item Sl. No.		Item Name:	
Quoted Product:	Make:	Model No:	
Specifications as per Annexure-III		Quoted Item Specifications*	Complied/ Deviation
Parameter	Specification		

Signature with Seal:

Vendor: M/s

\* Vendor must quote the parameter specification of the quoted product in this column and not just copy the specification from the tender call document. Failure to do so will lead to rejection of the tender.

ANNEXURE-II

**PERFORMANCE BANK GUARANTEE**

To:

The Pro-Vice Chancellor,  
Siddhartha Academy Of Higher Education  
(Deemed To Be University),  
(Formerly Velagapudi Ramakrishna Siddhartha Engineering College)  
Kanuru, Vijayawada – 520007, Andhra Pradesh, India

**WHEREAS** .....(Name of Supplier)

Herein after called (...Supplier...) has undertaken, in pursuance of Contract No.....dated,..... to supply.....(Description of Goods and Services)..... herein after called "the order".

**AND WHEREAS** it has been stipulated by you in the said order that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the order.

**ANDWHEREAS** we have agreed to give the Supplier a Guarantee:

**THEREFORE WE** hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of .....(Amount of the Guarantee in Words and Figures)..... and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the order and without cavil or argument, any sum or sums within the limit of.....(Amount of Guarantee)..... as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the.....day of.....20.....

Signature and Seal of Guarantors

Date:

Address:

.....

All correspondence with reference to this guarantee shall be made at the following

The Pro-Vice Chancellor,  
Siddhartha Academy Of Higher Education  
(Deemed To Be University),  
(Formerly Velagapudi Ramakrishna Siddhartha Engineering College)  
Kanuru, Vijayawada – 520007, Andhra Pradesh, India



**ANNEXURE III**  
**(DETAILED TECHNICAL SPECIFICATIONS)**  
**VECTOR NETWORK ANALYZER AND STANDARD ACCESSORIES**

Quantity : 01 set

Sl. no	Description	Technical Specifications	
1	Make & Model	To be specified by the supplier. The brand quoted and the vendor should not be black listed on any of Govt, Semi Govt or similar entities. (Self-attested declaration should be submitted with respect to same).	
2	ISO Certification	Manufacturing facility/brand should be ISO certified.	
3	Operating Frequencies	1 MHz to 20 GHz (desirable: Provision for upgrading to higher frequency)	
4	Measurement Parameters	2-port S11, S21, S22, S12, and any user-defined, Maximum Efficiency Analysis, Mixed-mode SDD, SDC, SCD, SCC	
5	Sweep	Frequency Sweep Type (Linear, Log, CW, or Segmented)	
6	IF Bandwidth	(10, 20, 50, 70, 100, 200, 300, 500, 700) Hz, (1, 2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 200, 300) kHz	
7	Calibration	Short-Open-Load-Through (SOLT), SmartCal, AutoCal, Thru Update available (N type calibration kits)	
8	Marker	12 markers + 1 reference marker, Data displayed in graph area or in table form	
9	Frequency Range Change	Frequency range of the measurement can be narrowed within the calibration range without recalibration. CW mode permits single frequency measurements also without recalibration.	
10	Connector	Input power, USB connector for external PC	
11	Exernal PC configuration	Intel Core/Zeon W series processor	
12	Dynamic Range	100 dB and 115 dB (Standard and Typical)	
13	Noise level	0.006 dB and phase <0.1 dB	
14	Output power	-3 dBm/-20 dBm (low)	
15	Stability	0.02 dB/°C and 0.3 deg/°C	
16	Resolution	1 Hz	
17	Accuracy	± 1.0 ppm (calibration)	
18	Stability	from -10 °C to +55 °C	
19	Directivity	>8 dB (Uncorrected)	
20	Port Match	>8 dB (Uncorrected)	
21	Error-Corrected Specifications	Directivity	≥36 dB
		Source Match	≥26 dB
		Load match	≥36 dB
		Transmission tracking	±0.05 dB
		Reflection tracking	±0.15 dB
22	Channels and Traces	16 channels, each with up to 16 traces, Unlimited colours for data traces, memory, text, markers, graticules, and limit lines	
23	Report and Data Analysis	The data will be saved in excel/csv format in the PC. The Plots can also be saved in desired format.	
24	Accessories	Operational manual for each and every component must be provided, compatible standard calibration kits, compatible calibration and measurement cables, Power supply (and power cord), USB cable	

25	Warranty	<p>3-Years Comprehensive Onsite Warranty from the delivery date. In case of HARDWARE breakdown, service calls must be attended by Brand/OEM engineer directly. Specification and 3-years product warranty should reflect in the support web site of the brand/OEM. Dedicated Toll-Free number for support/service by the brand/OEM should be available.</p> <p>Suppliers Responsibility: The supplier should provide first level of onsite support by sending a technically qualified engineer within 48 hours response time from the report of any issue either related to hardware or software by institute through phone or mail, trouble shoot and diagnose the issue and log the call with Brand/OEM for replacement of hardware if necessary and manage the call cycle till closed by the Brand/OEM to the satisfaction of the user.</p>
26	General	<ul style="list-style-type: none"> <li>• Vendor must provide and install/configure suitable software for post processing of measured data with good graphical features/attributes.</li> <li>• Vendor should have experience in supplying similar kind of equipment, hardware and software.</li> <li>• On-site extensive training must be given after the installation and validation.</li> <li>• The proposed work should be executed and made 100% functionally ready by 4-6 weeks after the date of purchase order getting released.</li> </ul>