

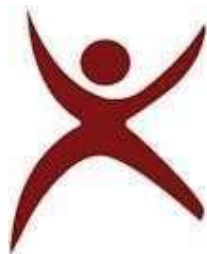
Dt: 18.09.2026.

**Ref.No: RGUKT/NZD/E-Proc/ DST/NQM/Supply and Installation of Electronics
Related Equipment for UG Quantum Lab under NQM/2026/T19**

BIDDOCUMENT
E-Procurement
Open Competitive Bid (OCB)

For
**Supply and Installation of Electronics Related
Equipment for UG Quantum Lab under NQM**
at

RGUKT-Nuzvid CAMPUS



RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES

RGUKT-Nuzvid

Eluru District, Andhra Pradesh-521202

www.rguktn.ac.in A.P Phone No:0866-

2468513

Proprietary & Confidential

No part of this document can be reproduced in any form or by any means, disclosed or distributed to any person without the prior consent of RGUKT except to the extent required for submitting bid and no more.

Time schedule of various tender related events

Bid calling date	21.09.2026
Bid document downloading start date	21.09.2026 at 06.30 PM
Bid document downloading last date	05.10.2026 at 05.00 PM
Last date & time for uploading of documents online	05.10.2026 at 05.30 PM
Technical bid (PQ stage) opening date & time	06.10.2026 at 09.30 AM
Price Bid opening date & time	06.10.2026 at 10.00 AM

Note:

1. Submission of Hard copies of technical bid and financial bids are not mandatory
2. After participating in the tender, acknowledgement mail should be sent to **procurement@rguktn.ac.in** as format specified in the Annexure IX

Note: The dates stipulated above are firm and under no circumstances they will be relaxed unless extended by an official notification or happen to be Public Holidays. For the assistance in the online submission issues, the bidder may contact the help desk of M/s. VUPADHI (<https://tender.apecurement.gov.in>) at their e-mail address: contact@vupadhi.com. Phone: 08645-246370/71/72/73/74.

For any clarification and further details on the above tender please contact: **9440865647**.

CLARIFICATIONS:

- i. Queries if any can be made through e-mail only purchases@rguktn.ac.in or procurement@rguktn.ac.in on or before last date and time for uploading of documents online. Queries received via any mode other than e-mail id mentioned above will not be entertained. The queries should only be sent in following format on the official letter head of the company.

S. No.	Page No. (Tender Ref.)	Clause (Tender Ref.)	Description (Tender Ref.)	Query

- ii. The addendum/corrigendum if any shall be published on RGUKT-Nuzvid, Andhra Pradesh website i.e. www.rguktn.ac.in/tenders as well as on e-procurement platform <https://tender.apecurement.gov.in>.
- iii. The service providers are requested to submit the bids after issue of clarifications duly considering the changes made if any. Service providers are totally responsible for incorporating/complying the changes/ amendments issued if any.

Sd/-
Administrative Officer,
RGUKT-Nuzvid,

**Newspaper advertisement
E-Procurement Tender Notice**

Hindu Paper Advertisement

	
Rajiv Gandhi University of Knowledge Technologies Nuzvid Campus, Mylavaram Road, Nuzvid-521 202, Eluru Dist, A.P.	
Tender Notice	Dt: 18.09.2026
RGUKT–Nuzvid invites online tenders from eligible and reputed firms/agencies for the Supply and Installation of the following items for UG Quantum Lab under National Quantum Mission (Sponsored by DST): 1. Optics related equipment. 2. Quantum Cryptography Demonstration Kit. 3. Zeeman Effect apparatus. 4. RFSoc Boards with Accessories. 5. RF-Related Equipment 6. IQ Modulators. 7. Computer Server (1No). 8. Laptops (16 Nos). 9. Various Electronics Related Equipment. 10. Furniture. For further details please visit website www.rguktn.ac.in or https://tender.apecurement.gov.in	
Sd/- Administrative Officer, RGUKT-Nuzvid	

Eenadu Paper Advertisement

	
Rajiv Gandhi University of Knowledge Technologies Nuzvid Campus, Mylavaram Road, Nuzvid-521 202, Eluru Dist, A.P.	
Tender Notice	Dt: 18.09.2026
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Sd/- Administrative Officer, RGUKT-Nuzvid	

Section I
INVITATION FOR BIDS

Subject: Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM at RGUKT-Nuzvid, AP.

Sir/Madam,

1. Bids are invited on the e-procurement platform from the reputed manufactures /registered firms/venders/authorized distributors/wholesale dealers/retail dealers/retailers Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM at RGUKT-NUZVID, Nuzvid (M), Eluru District, AP. The details of bidding conditions and other terms can be downloaded from our website www.rguktn.ac.in as well as on e-procurement platform <https://tender.apecurement.gov.in>.
2. Bidders would be required to register on the e-Procurement marketplace "www.apecurement.gov.in" and submit their bids online. On registration with the e-Procurement marketplace they will be provided with a user id and password by the system through which they can submit their bids online.
3. The bidders need to scan and upload the required documents as per the Check list given. Such uploaded documents pertaining to technical bid need to be attached to the tender while submitting the bids online.
4. The hard copies of the technical bid, financial/price bid need not to be submitted. The RGUKT-Nuzvid will consider only the bids submitted through online over the copies of the paper-based bids.
5.
 - a) The participating bidder(s) will have to pay non-refundable tender processing fee Rs.2000/- (Rupees Two Thousand Only) Online transfer only e-procurement website. After confirmation of payment, payment receipt must be uploaded online on e-procurement website.
 - b) Further the bidder(s) shall furnish, as part of it bid, the EMD/Bid security for an amount of Rs.28,000/- (Rupees Twenty-Eight Thousand only) Online transfer only through E-procurement site. It is to be noted that, the Firm who are registered with MSME is exempted to submit the EMD (Copy of valid registration must be provided along with technical bid).
 - c) All the participating Service providers who submit the bids have to pay transaction fee and GST as levied by Govt. of India through online in favor of MD, APTS. The amount payable to APTS is non-refundable
 - d) RGUKT will not accept the tenders from blacklisted companies or undependable Suppliers whose past performance with RGUKT-AP was found poor due to delayed and/or erratic supplies and those with frequent product failures, and also against whom there have been adverse reports of Sub-Standard Quality / Poor Service of Equipment supplies, as defined in the other parts of the Bidding document.
6. Any information pertaining to the tender process and the submission of supporting documents shall not be entertained after the due date.

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidder from the tender exercise. For any clarification and further details on the above tender please contact Telephone No: **9440865647** during 10.00 AM to 5.00 PM or e-mail: ao@rguktn.ac.in or procurement@rguktn.ac.in.

Sd /-
Administrative Officer
RGUKT-Nuzvid, Andhra Pradesh

SECTION II
STATEMENT OF IMPORTANT LIMITS/VALUES RELATED TO BID

Item	Description
Work Description	Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM at RGUKT-Nuzvid, AP.
Tender Processing Fee	Rs.2000/- (Rupees Two Thousand Only) Online transfer only to the Director, RGUKT A/c No.39524776434, IFSC code: SBIN0021233 through NEFT/RTGS/UPI etc.
EMD/Bid Security (Refundable)	Rs.28,000/- (Rupees Twenty-Eight Thousand only) (Online transfer only to the e-procurement site) Exempted for the firms who are registered with MSME
Bid Validity Period	180 days from the date of opening of commercial bid
EMD Validity Period	90 days from the date of opening of commercial bid
Delivery Schedule	The items must be delivered within 6 weeks from the date of Purchase Order.
Warranty	One-year comprehensive warranty
Payment terms	Payment shall be made in Indian rupees. 90% Payment shall be released after the successful delivery, installation of the items and on getting satisfactory certificate from the concerned department and the balance 10% amount shall be released after two months from the date of installation.
Placing purchase order	➤ RGUKT-Nuzvid will place order on identified successful bidder. ➤ All the payments shall be made directly by RGUKT-Nuzvid to the successful bidder as per the tender terms and conditions.
Transaction Fee	All the participating bidders who submit the bids have to pay an amount @ 0.04% of their final bid value online with a cap of Rs. 10,000/- for quoted value of purchase up to Rs.50 crores and Rs.25000/- if the purchase value is above Rs.50 crores & GST applicable as levied by Govt. of India on transaction fee through online in favour of The Managing Director, APTS. The amount payable to APTS is nonrefundable.
Bid submission	Online through e-procurement platform i.e. www.apcprocurement.gov.in .
Other conditions	1. The Documents that are uploaded on e-marketplace will only be considered for Bid Evaluation. 2. RGUKT-Nuzvid will not hold any risk and responsibility regarding non-visibility of the scanned and uploaded documents. 3. Failure to furnish any of the uploaded documents, certificates will be entitled in rejection of the bid. Similarly, if any of the certificates, documents, etc., furnished by the Service providers are found to be false/fabricated/bogus, the Service provider will be disqualified, blacklisted and action will be initiated as deemed fit and the Bid Security/EMD will be forfeited. 4. The rates should be quoted through online only. 5. The financial bids of the bidders, who qualified the technical bid, shall only be opened.

TENDER SCHEDULE

1. PREAMBLE:

The Government of Andhra Pradesh has established Rajiv Gandhi University of Knowledge Technologies (RGUKT) in 2008 to cater to the educational needs of the meritorious rural youth of Andhra Pradesh state. RGUKT-Nuzvid is one of its autonomous campuses started in 2008. The Institute provides an ambience of excellence for the pursuit of knowledge leading to B.Tech degree in different branches of Technology.

Rajiv Gandhi University of Knowledge Technologies - Nuzvid, AP invites online tenders for Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM at RGUKT - Nuzvid, AP from the reputed manufactures /registered firms /ven Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM ders/ authorized distributors/wholesale dealers/retail dealers/retailers through e-procurement platform (i.e.www.apecurement.gov.in).

2. SCOPE OF WORK:

Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM at RGUKT- Nuzvid, Andhra Pradesh.

The details of the required items along with specifications are given in **Annexure-VIII**

3. INCOME TAX:

During the contract period, deduction of income tax and surcharge as in force at source shall be made at the prevailing rate of income tax department issued from time to time on the gross amount of each bill.

4. RATES, TAXES AND DUTIES:

All the rates in the tender shall be inclusive of all statutory compliances like GST etc.

5. ELIGIBILITYCRITERIA

- a) Bidder must have registered firm in India. Self-Attested copy of Registration certificate, GST, as applicable shall be enclosed.
- b) Bidder should have reputed background & experience in business of manufacture and/or supply of similar items in a single order for not less than **Rs. 2,35,000/-** to any of the state Central/Private organizations in any one of the last three financial years. Relevant proof (PO/GST/ compliant invoice etc.) needs to be submitted.
- c) A Certificate by the auditor/CA/CS indicating the turnover of the firm should be enclosed. The bidder should have minimum average turnover of **Rs. 4,70,000/-** in last three financial years. Audited balance sheets shall be submitted.
- d) Valid ISO certificate shall be submitted.
- e) Bidder should not have been debarred/blacklisted by any State Government, Central Government, Central & State Govt. Undertakings/enterprises/Organizations and by any other Quasi Government bodies/Organizations, World Bank or any major Enterprise /Organization in India doing business with them. (Please submit self-declaration as **Annexure II**).
- f) Technical compliance statement as per the **Annexure III** needs to be enclosed.
- g) Tender submission: Through E- Procurement

- h) Submission of hard copies for technical bid evaluation and financial bid evaluation are not mandatory.
- i) Tender schedule period:14 days

Note: All the copies of certificates furnished should be signed by bidder along with their seal. The bidders must submit all relevant documentary evidence to support their claim for eligibility in placing bid. **The tenders received without the above documents will be rejected.**

6. BID PRICE:

- i. The price should be quoted in Indian Rupees with delivery at RGUKT-Nuzvid, Nuzvid (M), Eluru District, Andhra Pradesh, failing which the bid would be rejected. The price shall be written both in figures & words in the prescribed offer form.
- ii. The rates quoted by the bidder shall be fixed for the duration of the contract period and shall not be subject to adjustment on any account. But any benefit arising out of any subsequent reduction in the prices due to reduction in duty & taxes after the prices are fixed and before the delivery should be passed on to the Purchaser (i.e., RGUKT-Nuzvid, AP).
- iii. Any variation arises between unit price and the corresponding quoted total cost then the unit rate will prevail for calculating the total cost.
- iv. If there is a discrepancy between amount in words and figures, the amount in the words will prevail.
- v. Incomplete and/or conditional bids shall be liable to rejection. Prices should be quoted as per the format of price bid.

7. BID PREPARATION:

Tenders are invited under two bid system viz., Part-1: Technical bid and Part-2: Financial Bid. Bidders are requested to prepare the tender documents according to the following instructions.

Part – 1: Technical Bid

All the original/self-attested photocopies of documents should be scanned and uploaded as specified in Technical Bid Check list (Annexure I). The financial bids of the bidders, who qualified the technical bid, shall only be opened.

Part – 2: Financial Bid

The bidder shall prepare the price bid as prescribed proforma (Annexure-VII) of the bid document

- 1. The rates shall be quoted in INR
- 2. The offered unit price shall be inclusive of standard packing, freight to destination, insurance, loading and unloading charges, installation etc.
- 3. GST both in percentage and INR shall be shown separately.

8. DELIVERY SCHEDULE:

- a. The delivery period is 6(SIX) Weeks from the date of Purchase Order.
- b. In the event of delayed delivery i.e. delivery after the expiry of the delivery period as specified above, the vendor shall be liable to pay a penalty at a percentage of the value of the undelivered items as detailed below:

Note: If any items or part of items not delivered as per the purchase order during the stipulated time, penalty will be calculated on all undelivered items.

- @ 0.5% for the One week
- @ 1% for Two weeks
- @ 1.5% for Three weeks
- @ 2% for four weeks
- @ 2.5% for Five weeks
- @ 3% for six weeks

if delay continues beyond 6 weeks, then the contract is liable to be canceled.

- c. The delivery is not deemed to be completed until and unless the ordered products are checked and accepted by the RGUKT-Nuzvid, AP as per the order and specifications. After the delivery is made, if it is discovered that the items supplied are not according to our requirement, such supply would be rejected at the supplier's cost.

9. PAYMENT TERMS:

Payment shall be made in Indian rupees.

90% Payment shall be released after the successful delivery, installation of the items and on getting satisfactory certificate from the concerned department and the balance 10% amount shall be released after two months from the date of installation.

Payment shall be paid through RTGS/NEFT/Cheque within 60 days on delivery of items & on receipt of the following details:

- (a) Original invoice duly signed by the authorized signatory.
- (b) Item acceptance certificate/Installation report duly signed and sealed from authorized representative of RGUKT, Nuzvid, AP.
- (c) PAN card, Bank Account details, Bank Address & RTGS details of the agency are to be forwarded along with the invoice.

10. EARNEST MONEY DEPOSIT / BID SECURITY:

- (a) The bid should be accompanied by Earnest Money Deposit (EMD) of Rs.28,000/- through online payment only.
- (b) The EMD shall not carry any interest. Tenders received without EMD's will be summarily rejected.
- (c) The Firm who are registered with MSME is exempted to submit the EMD. Copy of valid registration MSME certificate must be scanned and uploaded.
- (d) **Forfeiture of the EMD:** the forfeiture of EMD will be made in the following events:
 - i. The bidder qualifies as L1 and backs out of the L1 quotes/tender specification/ tender terms & conditions.
 - ii. The bidder signs the agreement and furnishes the Security Deposit but backs out of his tender bid.
 - iii. The bidder withdraws his tender after acceptance.
 - iv. The bidder withdraws his tender before expiry of the validity period of the tender.
 - v. The bidder violates any provisions of the terms and conditions of this tender specification.

REFUND OF EMD:

- vi. In case of unsuccessful bidder, the EMD will be returned to them after finalization of the L1 bidder.
- vii. The EMD will be returned to the L1 bidder, only after signing of the contract and submission of Security Deposit, completion of formality etc. in all respects to the satisfaction of the RGUKT-Nuzvid, AP.

11. PERFORMANCE SECURITY DEPOSIT:

- i. The successful bidder has to deposit 5% of the total contract value as performance security deposit in the form of Bank Guarantee from any nationalized bank.
- ii. The Performance Security Deposit / Bank Guarantee of successful Bidder will be retained for the period of contract in force and will be returned after expiry of the contract period, after deducting the outstanding liabilities if any.
- iii. The Performance Security Deposit / Bank Guarantee shall not carry any interest.

12. GUARANTEE:

The bidder shall Supply and Installation of a Certificate of Guarantee guaranteeing the Purchaser Company of the satisfactory operation of the items given by the vendor.

13. ROYALTIES AND PATENTS:

Any royalties or patents or the charges for the use or infringement thereof that may be involved in the contract shall be included in the price. Bidder shall protect RGUKT-Nuzvid, AP against any claims thereof.

14. RGUKT-Nuzvid, AP shall have the right to relax or waive or alter any of the provisions of the tender document.

15. If the bidder wishes to depart from the technical specifications in any respect, he/she shall draw the attention to such points of departure explaining fully the reasons thereof and furnish separately adopting the form as per ANNEXURE-V (Technical Compliance Statement). Unless this is done, the requirements of the technical specification will be deemed to have been accepted in every respect. The RGUKT-Nuzvid, AP reserves the right to accept/reject any or all of the deviations shown by the bidder.

16. INSTRUCTIONS TO BIDDERS

- (a) Tenders with over writings, alterations etc., will not be admitted unless they are attested by the bidder.
- (b) Bid should be strictly in conformity with the Terms and Conditions mentioned in the tender schedule.
- (c) Bidders are expected to examine all the terms and instructions mentioned in the tender schedule and prepare their proposals accordingly. Failure to Supply and Installation of all requisite information will be at the bidders' own risk and may result in the rejection of the tender.
- (d) All assertions made in connection with the tender are to be supported/ substantiated by relevant documents. The Director, RGUKT-Nuzvid, AP reserves the right to verify the credentials of the bidder as per the eligibility criteria.

- (e) The Director, RGUKT-Nuzvid, AP will notify the bidder whose tender has been accepted.
- (f) The successful bidder shall execute an agreement with RGUKT on Non-judicial stamp paper worth Rs.100/- agreeing to all the conditions of the contract within 20 days upon intimation of acceptance of Tender. The successful bidder has to submit performance security guarantee after getting Letter of Intent but before having contract agreement. Failure on enter into an agreement within the stipulated time will result in forfeiture of the EMD.
- (g) Unloading of items and delivery to the store place shall be responsibility of the bidder.

17. METHOD OF SUBMISSION:

Bids shall be submitted online on www.apecurement.gov.in Platform.

- i. The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website www.apecurement.gov.in
- ii. Bidders can log-in to e-procurement platform in secure mode only by signing with the Digital certificates.
- iii. The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per the standard formats available at the e-market place.
- iv. The bidders shall sign on all the statements, documents, certificates uploaded by them, owning responsibility for their correctness/authenticity.
- v. The bidders should scan and upload the respective documents in technical documentation as per the check list.
- vi. **No physical submission of technical bid and price bid will be entertained**
- vii. Failure to furnish any of the uploaded documents, certificates, will be entitled in rejection of the bid. If any of the certificates, documents, etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited.
- viii. RGUKT, Nuzvid AP will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents.
- ix. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation.
- x. The rates should be quoted online only.

18. EVALUATION PROCEDURE:

- i. The Technical Bids will be opened first as per the schedule given in the tender document

- ii. The tenders will be evaluated to ascertain the capability of the bidders to Supply and Installation of the material within the period mentioned above and to assess whether the bidder satisfies the eligibility criteria as per Annexure-I (Technical Check List).
- iii. The rejection of the bidder on technical grounds will be based on the failure to meet eligibility requirements.
- iv. Price Bids of only those bidders, who have fulfilled the eligibility criteria specified, will be opened. The Price Bid of the bidder who does not fulfill the eligibility criteria will not be opened and their tender stands rejected.
- v. Any claims or disputes raised by the unsuccessful bidders in respect of selection process and non-allotment of award will have no legal validity and will not be enforceable against the RGUKT, Nuzvid AP. No further correspondence will be entertained regarding the disqualification.
- vi. The RGUKT, Nuzvid AP, reserves the right to accept or reject any / or all the tenders without assigning any reasons whatsoever. The RGUKT, Nuzvid AP, also reserves the right to cancel the selection process for award of the contract at any time. The decision of the Director, RGUKT, Nuzvid AP is final and binding.

19. FORCE MAJEURE:

During force Majeure i.e. Acts of God, War, Floods, Riot, Earthquake, General Strike, Lock outs, Epidemics, Civil Commotions, the bidder shall inform the Purchaser immediately and Supply and Installation of their best possible service in given circumstances, and resume services as soon as possible after force majeure ceases.

20. ARBITRATION:

In the event of any dispute or differences between the supplier and the purchaser whether arising during the execution of orders under these terms and conditions or thereafter whether by breach or in manner in regard to:

- (a) The Construction or interpretation of the terms and conditions
- (b) The respective rights and liabilities of the parties hereto there under
- (c) Any matter or thing out of or in relation to or in connection with these terms and conditions then either party shall give notice to the other of the same and such dispute or difference shall be and hereby referred to the arbitration of such person as the Director, RGUKT, Nuzvid may nominate, and the decision of such Arbitrator shall be conclusive and binding on the parties hereto. The provisions of Arbitration and Conciliation Act 1996 shall apply.

21. DISPUTES:

All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during or after completion of contract will be settled amicably (by negotiations) and the RGUKT, Nuzvid decision shall be final on all such matters and shall be binding on the Bidder.

22. DISCLAIMER:

- (a) Neither RGUKT, Nuzvid nor its employees make any representation or warranty as to the accuracy, reliability or completeness of the information in this tender schedule and it is not possible for the RGUKT, Nuzvid to consider the investment objective, financial situation and

particular needs of each party who reads or uses the Tender Schedule. Certain prospective Bidders may have a better knowledge of the scope of work than others. Each prospective Bidder should conduct his or her own investigations and analysis and check the accuracy, reliability, and completeness of the information in the Tender schedule and obtain independent advice from appropriate sources.

- (b) RGUKT, Nuzvid reserves the right to reject any or all the Bids submitted in response to this request for Proposal at any stage without assigning any reasons whatsoever.
- (c) RGUKT, Nuzvid reserves the right to change any or all of the provisions of this tender document.

23. REJECTION OF TENDERS:

- (a) The RGUKT, Nuzvid reserves the right to cancel the tender process and reject all tenders at any time prior to the award of contract without thereby incurring any liability as against the affected bidder or any obligations to inform the affected bidder of the grounds of acceptance or rejection.
- (b) No bidder is entitled to withdraw his or her offer after submission. In case of such withdrawal, the EMD deposited along with the tender schedule shall stand forfeited.
- (c) For breach of any of the conditions prescribed in the tender or as specified by the RGUKT, Nuzvid from time to time, the EMD is liable to be forfeited. Decision of the Director, RGUKT, Nuzvid in this regard is final and binding on bidder.

24. GENERAL TERMS AND CONDITIONS:

- (a) The rate quoted by the supplier/bidder shall be final and no change in the same shall be allowed under any circumstances during the currency of the contract.
- (b) The tender is issued subject to the jurisdiction of the local courts at Nuzvid only. All disputes arising out of the tender notice and resultant work order shall have the jurisdiction of the competent court at Nuzvid only.
- (c) No conditional bid will be accepted, bidder need to Bid as per the above terms and conditions only and will be declared non – responsive.
- (d) All statutory payments and arrangement, like transportation, helper, loading or supply of goods to the premises, compensation in case of accident or loss, etc., to the workers or machinery employed by the supplier shall be borne by the supplier only.
- (e) Bidder is liable to bear all the losses made to the office premises by bidder or any of its representatives. The probable amount could be adjusted in the security deposit or any other medium as decided by the competent authority.
- (f) In case any items are found in unsatisfactory condition the same will have to be replaced by the bidder immediately on directions of RGUKT, Nuzvid within the stipulated period.
- (g) L1 will be decided on the grand Total price of all the items. The vendor who stood lowest (L1) in Grand Total Price (including Tax, transportation, loading unloading charges etc.) will be awarded the contract. Also. The RGUKT- Nuzvid may ask for negotiations for some or all of the items with L1 bidder.
- (h) RGUKT- Nuzvid reserves its right in not considering the bid of a bidder, if such bidder was a previous supplier and had a past bad track record or their earlier performance was unsatisfactory on any count.

Annexure I
Technical Bid Check List

S.No.	Description	YES/NO	Remarks
1	Payment receipt for Bid Processing Fee of Rs 2,000/-		
2	Payment receipt for EMD/ Bid Security of Rs. 28,000/- or MSME Certificate		
3	Bidder Letter Form (Annexure II)		
4	Bidder Information Sheet (Annexure III)		
5	Certificate of firm registration/incorporation/ Valid GST registration certificate.		
6	Average turnover copy of Rs.4,70,000/- Certified by CA in last three financial years.		
7	Valid ISO certificate shall be submitted.		
8	Copies of work order/ PO/ GST compliant Invoice as a proof of supply of similar items in a single order for not less than Rs. 2,35,000/- to any of the state/central/private organization in any one of the last five financial years.		
9	Technical compliance statement (Annexure V)		
10	Non block List certificate (Annexure -VI)		
11	Technical Brochure		
12	Any other information/documents that are required as per the bid document		

Annexure II
Bidder Letter Form

From:
(Registered name and address of the bidder)

To
The Director,
RGUKT-Nuzvid,
Mylavaram road, Nuzvid,
Nuzvid Mandal,
Eluru District-221202,
Andhra Pradesh.

Sir,

Having examined the bidding documents and amendments there on, for the "Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM" at RGUKT-Nuzvid, Mylavaram road, Nuzvid, Nuzvid Mandal, Eluru District-521202, Andhra Pradesh in response to your tender call dated.....

1. I/We hereby offer Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM at RGUKT Nuzvid as listed in the schedule to this tender hereto as you may specify in the acceptance of Tender at the price given in the said Schedule and agree to hold this offer open for a period of 90 days from the date of opening of the tender.
2. I/we shall be bound by a communication of acceptance / rejection by RGUKT-Nuzvid.
3. I/We have understood the Instruction to bidders and terms and conditions of Contract in the form as enclosed with the invitation to the tender and have thoroughly Examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature of the goods required and my/our offer is to supply the goods strictly in accordance with the specifications and requirements.
4. Certified that ours is:
 - (a) A sole proprietorship firm and the person signing the bid document is the sole Proprietor/constituted attorney of the sole proprietor (OR)
 - (b) A partnership firm, and the person signing this bid document is a partner of the firm and has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement /by virtue of general power of attorney (OR)
 - (c) A company and the person signing the document is the constituted attorney/authorized signatory.

(NOTE: Strike out whatever is not applicable. All corrections/deletions should invariably be attested by the person authorized to sign the bid document).

5. I/We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof shall constitute a binding contract between us.
6. If bid is accepted, I/we undertake to;
 - (a) Supply and Installation of services/execute the work according to the time schedule specified in the bid document,

(b) Obtain the performance guarantee of a bank in accordance with bid requirements for the due performance of the contract, and

(c) Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.

7. We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Yours faithfully,

(Signature)

Dated this day of _____

Address:

Telephone: _____

FAX _____

E-mail _____

Annexure III
Bidder Information Sheet

1	Name of the organization	
2	Year of establishment	
3	Registered Office Address	
4	PAN No	
5	GST No	
6	Name & Designation of Authorized person:	
7	Phone No.	
8	Email-ID	
9	Nature of the firm (Proprietary/partnership/etc...)	
10	Whether Manufacturer/authorized dealer/retailer/Supplier etc.	
11	Bank Details of the Agency:	
	Bank Name	
	Bank Address	
	Bank Account Number	
	IFSC Code	

Annexure-IV
List of Major Customers

S.No.	Costumer full address with Phone number and mail id	Year of Supply	items supplied

Annexure-V
Technical Compliance Statement

Technical compliance statement as per technical specifications mentioned in this document (taking into consideration all the amendments issued to this document, if any) is to be submitted in the following format:

S. No	Item No. and Name	Specification Required	Specification of quoted item along with model, make and special features, if any	Any Deviations (Higher / Lower)

Annexure-VI
NON-BLACKLISTING CERTIFICATE

[To be submitted on letterhead]

I/We hereby certify that the ----- [Name of the company / firm] has not been ever blacklisted/debarred by any Central / State Government / Public Undertaking / Institute on any account.

I/We also certify that firm will be supplied the item as per the specification given by RGUKT, Nuzvid and also abide all the terms and conditions stipulated in the bid document.

I/We also certify that the information given in bid is true and correct in all aspects and in any case at a later date it is found that any details provided are false and incorrect, contract given to the concern firm or participation may be summarily terminated at any stage, the firm will be blacklisted and RGUKT, Nuzvid may impose any action as per the rules.

Date:
Place:

Name:
Business Address:
Signature of Bidder:
Seal of the Bidder:

Annexure-VII
Financial Bid

S. No	Item Name	Unit price (without taxes) in Rs. (A)	GST in % (B)	GST In Rs. (C=A*B)	Unit price with Taxes in Rs. (D=A+C)	No. of quantities (No's) (E)	Total Price (F=E*D)
1.	Resistor assortment kit					5 kits	
2	Ceramic capacitor kit					5 kits	
3	Electrolytic capacitor kit					5 kits	
4	Inductor set					5 sets	
5	Potentiometer set					5 sets	
6	Diode assortment					5 packs	
7	Operational amplifiers					15 nos.	
8	Transistor assortment					5 packs	
9	Solderless breadboard					5 nos.	
10	Jumper wire set					5 sets	
11	BNC to crocodile test leads					5 sets	
12	BNC coaxial patch cords					5 sets	
13	Component storage box					2 nos.	
14	Solderless breadboard					5 nos.	
15	Regulated 5 V supply module					5 nos.	
16	Logic IC set					5 sets	
17	LED indicator pack					5 packs	
18	Input switch set					5 sets	
19	Seven-segment display and driver					5 sets	
20	Clock source					5 sets	
21	Jumper and hookup wire					5 sets	
22	Logic probe					2 nos.	
23	LCR resonance training kit					1 no.	

24	Adder and subtractor training kit					1 no.	
25	Encoder and decoder training kit					1 no.	
26	Flip-flop training kit					1 no.	
27	Shift register training kit					1 no.	
28	Digital multimeter					4 nos.	
29	Mini tool kit					4 sets	
30	Soldering station					1 no.	
31	Soldering consumables					1 lot	
32	Bulk storage cabinet					1 no.	
33	Programmable DC Power Supply, Triple Output					2 No's	
34	Function Generator, 25 MHz, 2-Channel					2 No's	
35	Spectrum Analyzer with Real-Time Capability, 4.5 GHz					1 No	
36	Microwave Signal-Path Components -RF Bench Kit					1 No	
37	High-Frequency Digital Storage Oscilloscope, 1 GHz, 4-Channel					1 No	
Total Cost (Rs.)							

Note

- 1) The unit price for each of the item quoted should be inclusive of standard packing, freight, transit, insurance, loading and unloading charges, installation etc.
- 2) The rates should be quoted online only. Physical submission this Annexure – VII will not be considered for price bid evaluation.

(Signature of Bidder along with stamp)

Annexure-VIII
Detailed requirement and Technical Specifications

1. Analog & Digital Electronics Components (Laboratory Kit)

Component-level consumables and support hardware for the RLC and digital-circuits blocks. Quantities are configured per working station.

a) Analog and RLC Components

Item	Specification	Qty
Resistor assortment kit	Carbon film, 1/4 W, E12 series, 1 Ω to 1 M Ω , ~500 pieces, 5 % tolerance	5 kits
Ceramic capacitor kit	Assorted values from pF to μ F, ~300 pieces	5 kits
Electrolytic capacitor kit	Assorted values 1 μ F to 1000 μ F	5 kits
Inductor set	Fixed inductors, decade values 10 μ H to 100 mH	5 sets
Potentiometer set	Multi-turn trimmer potentiometers, 1 k Ω / 10 k Ω / 100 k Ω	5 sets
Diode assortment	Small-signal and rectifier diodes with Zener diodes (1N4148, 1N4007, 1N5408, 5 V and 12 V Zener class)	5 packs
Operational amplifiers	General-purpose and JFET-input types (LM741, LM358, TL072 class), 3 nos. per set	15 nos.
Transistor assortment	General-purpose NPN/PNP bipolar and small-signal MOSFET (BC547/BC557, 2N2222, 2N7000 class), TO-92	5 packs
Solderless breadboard	Full-size, $\geq$ 830 tie points, with distribution rails	5 nos.
Jumper wire set	Male-male, male-female and female-female, 40 wires of each type	5 sets
BNC to crocodile test leads	50 Ω , ~1 m, 2 nos. per set	5 sets
BNC coaxial patch cords	BNC male to BNC male, 50 Ω , low-loss, ~1 m, 2 nos. per set	5 sets
Component storage box	Multi-compartment portable organiser	2 nos.

b) Digital Logic Components:

Item	Specification	Qty
Solderless breadboard	Full-size, $\geq$ 830 tie points	5 nos.
Regulated 5 V supply module	Breadboard-mounting, 5 V at 1 A regulated	5 nos.
Logic IC set	7400-series TTL or equivalent: 7400, 7402, 7404, 7408, 7410, 7411, 7432, 7486; adder 7483; decoder 74138/74139; encoder 74147; multiplexer	5 sets

	74151/74153; D flip-flop 7474; JK flip-flop 7476; shift register 7495; counters 7490, 7493, 74192; 4-bit ALU 74181 or equivalent	
LED indicator pack	Assorted 5 mm LEDs, multiple colours	5 packs
Input switch set	SPDT toggle switches (8 nos.), DIP switch and momentary pushbuttons	5 sets
Seven-segment display and driver	2 × common-cathode displays with 7447 BCD-to-seven-segment driver	5 sets
Clock source	555 timer with passives, or dedicated oscillator module	5 sets
Jumper and hookup wire	Male-male and male-female jumpers with solid-core hookup wire roll	5 sets
Logic probe	TTL / CMOS compatible, with pulse memory and high-frequency response	2 nos.

c) Demonstration Training Modules

Item	Specification	Qty
LCR resonance training kit	Series and parallel LCR resonance study board with AC analogue metering	1 no.
Adder and subtractor training kit	On-board half adder, full adder, half subtractor and full subtractor	1 no.
Encoder and decoder training kit	On-board decimal-to-BCD encoding and BCD-to-decimal decoding	1 no.
Flip-flop training kit	On-board SR, JK, D, T and master-slave JK flip-flops	1 no.
Shift register training kit	On-board serial and parallel shift-register configurations	1 no.

d) Bench Support and Tooling

Item	Specification	Qty
Digital multimeter	3½ digit handheld; voltage, current, resistance and continuity	4 nos.
Mini tool kit	Side cutter, long-nose plier, tweezers, screwdrivers and IC extractor	4 sets
Soldering station	Temperature-controlled digital soldering station with sleep mode	1 no.
Soldering consumables	Solder wire, flux, desoldering braid and pump	1 lot
Bulk storage cabinet	Multi-drawer parts cabinet or slotted-angle shelving rack	1 no.

2. Programmable DC Power Supply, Triple Output

Parameter	Specification
Channels	3, isolated and independent
Output ratings	32 V / 3 A, 32 V / 3 A and 6 V / 3 A
Total output power	≥ 210 W
Ripple and noise	< 350 μ Vrms / 2 mVpp

Transient response time	< 50 μ s
Load and line regulation	Voltage < 0.01 % + 2 mV; current < 0.01 % + 250 μ A
Programming accuracy	Voltage 0.05 % + 10 mV (high-voltage channels), 0.1 % + 5 mV (low-voltage channel); current 0.2 % + 5 mA
Programming resolution	1 mV and 1 mA on all channels
Arbitrary output	$\geq$ 512 programmable points with dwell time down to 100 ms
Tracking	Automatic series and parallel combination for extended voltage and current output
Protection	Over-voltage, over-current and over-temperature protection
Measurement	Built-in voltage, current and power measurement with waveform display
Interfaces	USB standard; LAN and digital I/O optional
Display	4.3-inch colour LCD touch screen
Documentation	Calibration report and certificate to be supplied
Warranty	1 year minimum
Support requirement	Manufacturer shall be registered in India and shall operate its own service centre in India; documentary proof to be submitted

3. Function Generator, 25 MHz, 2-Channel

Parameter	Specification
Channels	2
Sine output	1 μ Hz to 25 MHz
Square output	1 μ Hz to 20 MHz, duty cycle 0.01 % to 99.99 %
Pulse output	1 μ Hz to 10 MHz; width 9 ns to (period – 9 ns); rise/fall time < 3 ns; jitter $\leq$ 200 ps
Ramp and triangle	1 μ Hz to 1 MHz; symmetry 0–100 % in 0.1 % steps; linearity $\leq$ 0.1 % of peak output
Frequency resolution	1 μ Hz
Signal purity	Harmonic distortion < –50 dBc at 1 Vpp; THD < 0.1 %; SSB phase noise < –110 dBc/Hz
Gaussian noise	Variable bandwidth 1 MHz to 20 MHz
Arbitrary waveform	$\geq$ 2 Mpts per channel, 625 MSa/s sample rate, 16-bit vertical resolution; comprehensive built-in library (Gaussian, sinc, negative ramp, exponential rise/fall, haversine, Lorentz, cardiac)
Amplitude	1 mVpp to 10 Vpp into 50 Ω (2 mVpp to 20 Vpp open circuit); resolution 0.1 mVpp / 0.1 dBm
Operating modes	Continuous, modulation, frequency sweep, gated burst
Modulation	AM, FM, PM, ASK, FSK, PSK, PWM and SUM; internal and external; carrier sine/square/ramp/arbitrary
Modulation depth / deviation	AM 0–120 % (0.01 % resolution); PM 0–360° (0.01° resolution)
Sweep	Linear, logarithmic and list
Display	7-inch capacitive touch screen
Interfaces	USB and LAN
Power supply	220–240 V $\pm$ 10 %, 45–66 Hz

Conformity	Test reports from the manufacturer, a Central Government laboratory, or an NABL-accredited / ILAC-recognised laboratory demonstrating conformity to the above
Warranty	1 year minimum
Support requirement	Manufacturer shall have a registered office and service facility in India; documentary proof to be submitted

4. Spectrum Analyzer with Real-Time Capability, 4.5 GHz

Parameter	Specification
Frequency range	5 kHz to ≥ 4.5 GHz
Frequency resolution	≤ 1 Hz
Aging rate	< 0.5 ppm/year
RBW and VBW	1 Hz to 10 MHz in a 1-3-10 sequence
Sweep points	$\geq 100,001$
Sweep time	Span ≥ 10 Hz: 1 ms to 4000 s; zero span: 1 μ s to 6000 s
Amplitude range	Displayed average noise level to +20 dBm
Absolute amplitude accuracy	< 0.3 dB (50 MHz, peak detector, preamplifier off, 10 dB attenuation, -10 dBm input)
Displayed average noise level	≤ -168 dBm with preamplifier on
Pre-amplifier	Required
Input attenuator	0 to 30 dB in 2 dB steps
Phase noise	< -112 dBc/Hz at 10 kHz offset, 1 GHz carrier
Third-order intercept	+20 dBm
Residual response	< -100 dBm
Input protection	Safe input +20 dBm (attenuation > 30 dB, preamplifier off), ± 35 V DC; damage level $\geq +25$ dBm
Real-time bandwidth	≥ 40 MHz, with density, spectrogram, normal and power-versus-time displays
Traces and detectors	≥ 6 traces; normal, positive-peak, negative-peak, sample, RMS average, voltage average and quasi-peak detectors; clear-write, max hold, min hold, average, view and blank trace functions
Measurement functions	Channel power, adjacent-channel power, multi-channel power, occupied bandwidth, emission bandwidth, carrier-to-noise ratio, harmonic distortion, third-order intermodulation and VSWR
Triggering	Free run, video and external; continuous and single modes; trigger delay 0–500 ms (span ≥ 10 Hz)
Signal source	Integrated tracking generator covering the full analyser input range, capable of operating as a standalone CW signal source
Upgrade path	Vector signal analysis for ASK, FSK, PSK, QPSK and QAM with constellation and eye-diagram display; analog demodulation; phase-noise and EMI measurement
Display	≥ 7 -inch capacitive touch display; level display 1 dB to 200 dB
Internal storage	≥ 32 GB
Interfaces	LAN, USB and HDMI
Warranty	1 year minimum
Support requirement	Manufacturer shall have a registered office in India; documentary proof to be submitted

5. Microwave Signal-Path Components (RF Bench Kit)

A single shared RF bench kit, SMA connectorized, 50 Ω throughout, covering DC to 4.5 GHz. Active test signals are limited to 2.1 GHz by the signal-generator ceiling. All instrument ports are N-type female and therefore require the adapters listed below at every connection point.

Component	Key Specification
RF amplifier	50 Ω , 0.05–6 GHz, gain ≥ 20 dB, SMA, +12 to +15 V bias
Double-balanced mixer	Level 7; RF and LO 300–4000 MHz; IF DC–950 MHz; SMA
IQ mixer	50 Ω , 0.7–3 GHz I/Q, SMA
Directional coupler	0.1–2000 MHz, 20 dB coupling, 3-port, SMA
Circulator	50 Ω , 3-port, in-band 1–4 GHz, isolation ≥ 18 dB, SMA
Isolator	50 Ω , 2-port, in-band 1–4 GHz, isolation ≥ 18 dB, SMA
Low-pass filter	50 Ω , cut-off 1–1.2 GHz, SMA
High-pass filter	50 Ω , cut-off approximately 1.18 GHz, SMA
Band-pass filter	50 Ω , centre frequency within 1–3 GHz, SMA
Fixed attenuator set	50 Ω , DC–6 GHz, SMA, 2 W; values 3, 6, 10 and 20 dB
50 Ω terminations	DC–6 GHz, SMA male, VSWR ≤ 1.2
SMA test cables	50 Ω , DC–6 GHz, SMA male-to-male, ~ 1 m, phase stable
N (male) to SMA (female) adapters	50 Ω , DC–6 GHz, precision
N (female) to SMA (female) adapters	50 Ω , DC–6 GHz, precision
SMA barrel and tee adapters	50 Ω , DC–6 GHz, female-to-female
Coaxial line under test	50 Ω coaxial sample with SMA male ends

6. High-Frequency Digital Storage Oscilloscope, 1 GHz, 4-Channel

Provides time-domain and pulse/envelope verification across the RF signal chain (Items 10-16). Full spectral characterization is covered separately by the Spectrum Analyzer (Item 12) and Vector Network Analyzer (Item 13); this oscilloscope is not required to duplicate that function.

Parameter	Specification
Bandwidth	≥ 1 GHz
Analog channels	4
Rise time	≤ 400 ps
Maximum sample rate	≥ 5 GSa/s per channel (real-time)
Vertical resolution	≥ 8 bit, with high-resolution acquisition mode to ≥ 12 bit
Maximum record length	≥ 50 Mpts
Waveform capture rate	$\geq 500,000$ wfms/s
Vertical sensitivity	1 mV/div to 10 V/div
Timebase range	10 ps/div to 500 s/div
Input	50 Ω and 1 M Ω selectable; 1 M $\Omega \pm 2\%$ $\parallel \leq 16$ pF; AC and DC coupling; CAT I 300 Vrms (1 M Ω), 5 Vrms (50 Ω)
Acquisition modes	Normal, peak detect, averaging, high resolution, envelope
Time modes	Normal, roll, X-Y, X-Y-Z
Triggering	Edge, pulse width, slope, video, pattern, runt, window, timeout, setup/hold, Nth edge; serial triggering on I ² C, SPI, UART/RS-232

	and CAN
Serial decode	I ² C, SPI, UART/RS-232, CAN and parallel bus analysis
Automatic measurements	Full complement of voltage, time, delay, area and phase parameters (≥ 40 measurements) with statistics and histograms
Built-in instruments	Digital voltmeter; frequency counter; histogram; pass/fail mask test; segmented waveform recording; ≥ 4 simultaneous FFT displays with span/RBW control
Bandwidth-limit filters	Selectable 20 MHz / 250 MHz front-end limits for noise reduction on slower signals
Display	≥ 10 -inch touch-screen LCD
Interfaces	USB, LAN and HDMI, with PC software for screen capture, waveform transfer and remote SCPI control
Probes	4 matched 1 GHz-class passive probes supplied per unit (or better, to match rated bandwidth)
Power input	100–240 V AC, 50/60 Hz
Warranty	1 year minimum
Support requirement	Manufacturer shall have a registered office and service facility in India; documentary proof to be submitted

Annexure-IX
Acknowledgement E-Mail format

The following confirmation mail should be sent to procurement@rguktn.ac.in

E-mail Subject: Confirmation of bid submission for “Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM” at RGUKT-Nuzvid, AP.

Body:

Dear Sir,

We would like to inform you that, we have participated in the tender for “Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM” at RGUKT-Nuzvid, AP against your tender reference number. Ref.No: RGUKT/NZD/E-Proc/DST/NQM/Supply and Installation of Electronics Related Equipment for UG Quantum Lab under NQM /2026/T19. This is for your kind information.

With regards,
Company name