



ANGRAU

# ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY

POST HARVEST TECHNOLOGY CENTRE  
GBC ROAD, BAPATLA,  
BAPATLA DISTRICT  
ANDHRA PRADESH – 522101

## **BID DOCUMENT**

**NIT. No. 26/AICRP ON PHET/BPT/2025-26; Dt.21-02-2026.**

### **NAME OF WORK**

Robotic Arm with Accessories

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**ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY  
POST HARVEST TECHNOLOGY CENTRE  
GBC Road, BAPATLA – 522101**

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**E-PROCUREMENT NOTICE**

**NIT. No. 26/AICRP ON PHET/BPT/2025-26;**

**Dt.21-02-2026.**

E- Procurement tenders are invited from the original manufacturers or their authorized dealers for supply and installation of various instruments and equipment at Post Harvest Technology Centre, GBC Road, Bapatla.

Details are as follows:

1)	<b>Bid document online opening date</b>	<b>22-02-2026; 12:30 PM</b>
2)	<b>Bid document download end date &amp; time</b>	<b>06-03-2026; 02.00 PM</b>
3)	<b>Bid document submission closing date &amp; time</b>	<b>07-03-2026; 04.00 PM</b>
4)	<b>Technical bid online opening date at PHTC, Bapatla, Andhra Pradesh - 522101</b>	<b>09-03-2026; 10.00 AM</b>
5)	<b>Financial bid online opening date PHTC, Bapatla, Andhra Pradesh - 522101</b>	<b>09-03-2026; 01.00 PM</b>

**Bidders shall have APTS Registration (for details log on to [www.aps.gov.in](http://www.aps.gov.in))  
For details visit [www.apecurement.gov.in](http://www.apecurement.gov.in) and [www.angrau.ac.in](http://www.angrau.ac.in)**

**Sd/-  
Dr. L. Edukondalu  
Principal Scientist & Head  
Post Harvest Technology Centre  
GBC Road, Bapatla**

If Any Queries contact No: +91 9491351261  
Email Id : phtc.bapatla@angrau.ac.in

## **1. GENERAL TERMS AND CONDITIONS:**

- 1.1 Tenders will be accepted through on-line up to the date mentioned in E-Procurement Notice (Page-3) by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla towards the supply of instruments and equipment as listed in Annexure-I.
- 1.2 All the interested bidders have to mandatorily log on to e-procurement website through secure mode only and submit their bids using digital certificates (signing certificate–single key pair) obtained from Andhra Pradesh Technology Services Ltd [APTS – Sub CA] in-compliance to Chapter III of IT Act 2000. The details and procedure for obtaining digital certificates are available at <https://tenders.approcurement.gov.in>

## **2. ELIGIBILITY TO PARTICIPATE IN TENDERS:**

- 2.1 Manufacturers or their authorized dealers are eligible to quote in this tender. Authorized dealers should attach letter of authority from the principal manufacturer to quote in this tender.
- 2.2 Dealers/manufacturers should be registered firms and should have authorization certificate from principals, in case, representation of the international firm.
- 2.3 Tenderer shall supply good quality items as per the standards.
- 2.4 Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla, Andhra Pradesh reserves the right to reject the tender of blacklisted companies and those of companies whose past performance with the ANGRAU was unsatisfactory due to delayed/erratic supplies, frequent product failures, etc.

## **3. SUBMISSION OF THE ON-LINE TENDER FORMS:**

- 3.1 Tenders have to be submitted in two parts in on-line in the prescribed proforma i.e., Technical Bid (Part-I) and Financial Bid (Part-II).
- 3.2 Financial Bids of those tenderers who qualify in Technical Bid will only be considered for finalization of the tender.
- 3.3 Tenderer may please note that all the columns in the Technical Bid are to be filled in meticulously with precision, with documentary evidence, wherever necessary.
- 3.4 All the required documents/enclosures/literature/technical catalogues, etc. have to be uploaded and attached along with Technical Bid (Part-I of the tender) only.
- 3.5 Technical catalogues for quoted item is essential. Tenders submitted without technical literature of the items will be summarily rejected.
- 3.6 Eligibility for Financial Bid (Part-II of the Tender) will depend on the outcome of documents uploaded/electronically attached to Technical Bid.
- 3.7 Last date scheduled for RECEIPT of tenders are fixed and will not be changed under any circumstances. However, the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla reserves the right of postponement of the date of opening of tenders or date of opening of Financial Bids in the event of any unforeseen reasons.
- 3.8 If for any unforeseen reasons, the last date for submission of tenders and opening of tenders happens to be a holiday, the notified dates automatically get postponed to next working day only.
- 3.9 Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla is “not responsible” for non-receipt of tenders or late uploading of tenders online for any reason, whatsoever.

3.10 Failure to fill and sign the declaration and check slip shall make tender invalid.

**4. DOCUMENTS TO BE ELECTRONICALLY UPLOADED:**

4.1 All the documents are arranged in the serial order (*Serial numbers and page numbers should be indicated on the right side top of the corner*) then uploaded to the e-procurement website *i.e.*, <https://tenders.apeprocurement.gov.in>.

Sl. No	Code No.	Name of the Document
1	E-I	Declaration form (Annexure-II)
2	E-II	Check list (Annexure-III) with signature
3	E-III	Manufacture license/Authorization letter from the manufacturing firm
4	E-IV	Earnest Money Deposit with signature
5	E-V	GST clearance certificate, payment particulars for preceding two years along with supporting documents (2023-24, 2024-25)
6	E-VI	Annual turnover assessment order for the preceding two years (2023-24, 2024-25) certified by Commercial Tax with signature of Officer/Chartered Account.
7	E-VII	Copies of balance sheet, profit and loss account for last two years <i>i.e.</i> , (2023-24, 2024-25) duly certified by the auditor
8	E-VIII	Latest non-conviction certificate (in original), if applicable
9	E-IX	User List: Minimum 10 users in India, and minimum 5 performance certificates from prominent Educational Institutions/Universities/Analytical Laboratories during last 5 years
10	E-XI	APSSIDC/NSIDC certificate, if applicable
11	E-XII	Government ownership certificate, if applicable.
12	E-XIV	PAN card with signature
13	E-XV	GST registration certificate with signature
14	E-XVI	Brochure consisting detailed specifications of items issued by OEM (original equipment manufacturer)

4.2 All the enclosed documents should be clear cut only.

**5. TRANSACTION FEE:**

5.1 All the participating bidders shall pay a transaction fee (non-refundable) to M/s APTS, Vijayawada and through on-line (0.03% of estimate contract value + GST as applicable).

5.2 It is mandatory for all the participant bidders from 1<sup>st</sup> January 2006 to pay a non-refundable transaction fee electronically to the M.D., A.P.T.S., Vijayawada by the service provider through "Payment Gateway Service on e-Procurement platform".

**6. EARNEST MONEY DEPOSIT (EMD):**

6.1 EMD should be in the form of on-line payment only@ 2.5% of the bid value (cost of the instrument + all taxes) with a minimum of Rs. 5,000/- (whichever is higher). The EMD for each Item/Equipment should be made separately. EMD for each item should be for the total numbers required mentioned against each Item/Equipment.

6.2 Scanned copy of EMD document for each Item/Equipment should be uploaded on e-Procurement website. The bids submitted with required EMD amount only will be considered for further evaluation.

- 6.3 EMD would be retained with the office of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla for a period of 3 years(or) last date of warranty period, in the case of successful tenderer.
- 6.3 EMD of unsuccessful tenderers will be returned within 3 months after opening of the Financial Bid upon receipt of the request from the bidder.
- 6.4 On-line payment receipt should be deposited to this office while producing hard copies for verification as the time schedule.
- 6.5 Demand drafts, cheques, cash deposits, term deposits or fixed deposits will not be accepted towards EMD. However, the exemption of EMD will be given to small scale industrial units, registered with the Government of Andhra Pradesh and the National Small Scale Industries Development Corporation, New Delhi or the firms with specific exemption orders issued by competent authority of Government of Andhra Pradesh or Government of India. The copy of these order should be uploaded in the e-procurement platform in place of on-line payment receipt, in case of any such claim for exemption.
- 6.6 Items permitted by S.S.I. registration authority will only be considered for manufacturing aspect only. IF ANY FIRM QUOTES ITEMS OTHER THAN THOSE COVERED UNDER S.S.I. REGISTRATION, EMD SHALL ACCOMPANY THE TENDER. Failure to enclose EMD shall make such of those items not covered under S.S.I. Certificate invalid for consideration.
- 6.7 EMD of other tenders deposited with Post Harvest Technology Centre, Bapatla during any period of time shall not be considered for this tender.

## **7. SECURITY DEPOSIT:**

- 7.1 Successful tenderer(s) after receipt of information on the acceptance of the tender through post or by any means/mail/SMS/letter from the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla shall deposit within 10 days a sum of rupees @ **2%** of the cost of the items inclusive of all taxes (or the authority may fix the amount according to the value of the tender) in the form of crossed demand draft in favour of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, Bapatla as a security for the fulfilment of the contract.
- 7.2 EMD/Security Deposit shall carry no interest.
- 7.3 Security deposit to be deposited in addition to the EMD.
- 7.4 Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road Campus, Bapatla reserves the right to forfeit and confiscate EMD, if the successful tenderer(s) fail to pay the security deposit which is required under the terms and conditions of this tender.

## **8. FORFEITURE/REFUND OF THE EMD/SECURITY DEPOSIT:**

- 8.1 In case the selected tenderer(s) does not supply the Equipment/ Instruments at the quoted rates within the period of contract and commits any breach of any one or more of these terms and conditions, the earnest money deposited by tenderer(s) will be forfeited by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla.
- 8.2 EMD of unsuccessful tenderers will be returned within 3 months after opening of the Financial Bid upon receipt of the request from the bidder. No interest is payable by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre GBC Road, Bapatla on such deposits.
- 8.3 EMD and security money deposited by successful tenderer(s) shall be retained by office of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla till three years(or) last date of Warranty period whichever is later.

8.4 On due performance and satisfactory completion of the order in all respects during the contract period, the EMD and the security deposit will be refunded to the tenderer(s) without any interest after the completion of 3 years (or) last date of warranty period whichever is later upon receipt letter for return of EMD.

**9. GST CERTIFICATE:**

9.1 Attested photo copy of GST certificate and sales tax payment particulars obtained from the competent sales tax authority of the area concerned for the years (2022-23, 2023-24) shall be attached. Certificates older than that shall not be considered. Those not liable for GST/Sales tax payment under relevant rules should produce a certificate to that effect from the competent authority.

**10. MANUFACTURER LICENSE:**

10.1 Attested photocopy of the latest manufacture license, which is in vogue shall be enclosed.

10.2 Tenders received without proper license, authenticated list of item covered by license and authorization letters from actual/original manufacturers are liable for rejection without any further notice.

10.3 Tenderers should enclose documents to show that manufacturing unit has been recognized with the ISO certificate, etc.

**11. PRICE BID GUIDELINES**

11.1 Rates quoted shall be in Indian Rupees only and must be expressed both in figures and words as well.

11.2 Rates quoted in foreign currency are not accepted and will be summarily rejected.

11.3 Total rate of complete Instrument/Equipment (including all spares, services, consumables, charges, taxes, etc.) should be quoted. In case, the rates are quoted for each item/part of equipment, spares, consumables, taxes, etc. separately, the Total Price should be clearly mentioned at the end, and in case the total price is not mentioned, the tender will be liable for rejection. Only the total price (including all taxes, charges, fee, etc.) will be taken as financial quote for comparison.

11.4 Rates quoted should be inclusive of all the applicable taxes and "for destination" charges (customs duty, clearance charges, freight, forwarding, insurance, loading and unloading, etc.) at Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla, Bapatla District, Andhra Pradesh, PIN-522101.

11.5 Necessary DSIR and other certificates for customs exemption or GST will be provided by ANGRAU, Guntur.

**12. OPENING OF BIDS AND AWARD CRITERIA:**

12.1 Bids will be opened on the e-Procurement website at the scheduled time & date as specified.

12.2 Opening of bids consists of three stages.

12.3 Documentation furnished by the vendor as per Annexure III shall be examined prima facie and those bidders who qualify in pre-qualification will be evaluated in Technical Bid.

12.4 After evaluation of pre-qualification bids, the Technical Bids of only those bidders who qualify in Pre-qualification will be opened to verify the compliance of each Technical Specification should be clearly indicated in the

- Technical Brochures of the products available in the manufacturer's website, deviation(s) to Technical Specifications, if any in Form T-1
- 12.5 Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla will evaluate and compare the Technical & Pre-qualification Bids (Part-I), which have been determined to be substantially responsive. Bids of bidders who do not conform to the specified requirements will be rejected as deficient or non-responsive bids. The Financial Bids of the technically qualified bidders are evaluated.
- 12.6 Final choice of firm is on the basis of conformity to Technical Specifications, appropriateness of the product offered, capability of bidder to execute and service and appropriateness of financial offer from the point of view of cost-effectiveness over the entire maintenance period for the product/services.

**13. TERMS AND CONDITIONS FOR COMMERCIAL AGREEMENT:**

- 13.1 Rates should not vary with the quantum of orders or destination.
- 13.2 Rates quoted by the tenderer shall not exceed the controlled rates, where applicable, if the government-controlled rates are in force on the date of submission of tenders. In the absence of controlled prices, the tenderer shall quote reasonable price applicable to bulk purchases.
- 13.3 *All rates quoted by the bidder should be valid for a period of one year from the date of acceptance of the lowest bid.*
- 13.4 Rates offered in the tender shall not exceed the M.R.P. as well as the lowest price at which the firm sells the product of identical description to any other department or organization or person anywhere in the State/ neighbouring states of Andhra Pradesh. If such incidences of quoting higher rates to this department come to the notice at any time, during the course of rate contract for the rest of the rate contract period, the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla reserves the right to initiate an appropriate action against such firms including black listing them.
- 13.5 If artificially low/high rates are quoted, the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla reserves the right to cross-verify them and ignore them from consideration in order to prevent unethical trade practices.
- 13.6 Ordinarily, the tendered items will be selected based on the lowest rates quoted by the firms in the Financial Bids. However, the Tender Committee reserves the right to select the product even with higher rates depending upon the reported performance/market reputation/efficacy of the item basing on the user reports/feedback given by the end users by ignoring the lowest rates.
- 13.7 If tenderer quotes the rates at his will, overlooking the conditions in the previous paragraphs, the tender is liable for cancellation even after approval of tender and firms are liable suitable legal action for such action at any time during the rate contract period.
- 13.8 No representation towards upward revision of rates once accepted will be considered.
- 13.9 *Necessary DSIR and other certificates for customs exemption or GST will be provided by ANGRAU, Guntur.*
- 13.10 No tenderer shall be allowed at any time on any ground what so ever to claim for revision of or modifications in the rates quoted by him. Clerical error, typographical, etc. committed by the tenderers in the tender forms *shall not* be considered after opening of the tenders.

- 13.11 Conditions such as “SUBJECT TO AVAILABILITY” “SUPPLIES WILL BE MADE AS AND WHEN SUPPLIES ARE RECEIVED”, etc. will not be considered under any circumstances and the tenders of those who have given such conditions shall be treated incomplete and for that reason the tenderer shall be summarily rejected.
- 13.12 No company/firm, which has been blacklisted either by the ANGRAU, Lam, Guntur, Andhra Pradesh or by any state government or central government organizations shall participate in the tender during the period of blacklisting. If any such firm participates and came to know at a later stage, and if any firm is black listed at a later date either by the Government of Andhra Pradesh or any other state/central government/ANGRAU will not only be debarred/black listed permanently and their security deposit/EMD whichever is available with the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla will be forfeited and any business/transactions will be stopped with their firms forthwith.
- 13.13 Indented stocks shall be delivered at Post Harvest Technology Centre, GBC Road, Bapatla, Guntur District, Andhra Pradesh, PIN-522101 as indicated in Annexure-I at the cost of the supplier.
- 13.14 Rates should be quoted for each instrument separately.

**14. AGREEMENT:**

- 14.1 Every successful tenderer on intimation by this office shall execute an agreement on Rs.100-00 (Rupees one hundred only) non-judicial stamp paper in the prescribed form.
- 14.2 In the event of failure to execute agreement in proper form along with the security deposit by successful tenderer within 10 days of receiving purchase order, the EMD of such tenderer will be forfeited and such defaulters will forego the right to participate for future tenders for minimum period of 3 years.

**15. DEMONSTRATION OF THE EQUIPMENT/INSTRUMENTS:**

- 15.1 Tenderer shall arrange for demonstration of the functioning of the equipment/instruments and training on functioning and maintenance as per specifications at Post Harvest Technology Centre, GBC Road, Bapatla, Guntur District, Andhra Pradesh, PIN-522101 after installation/supply.
- 15.2 If the equipment/instrument is declared to be not of standard quality or not meeting the specified requirements, it will be deemed to be rejected. If any equipment/instruments supplied by the tenderer is used after supply and is subsequently found to be not as per specifications, unsound, inferior in quality or description or are otherwise faulty or unfit for use, then the cost of such items will be recovered from the tenderer, if the payment had already been made, in addition to penalty.
- 15.3 *The approved firms shall replace the faulty item at their own cost within a period of 30 days after intimation from the Post Harvest Technology Centre, Bapatla.*

**16. OTHER CONTRACTUAL OBLIGATIONS:**

- 16.1 Contract shall not be capable of being varied except by written consent by both the Principal Scientist (Agril Engg) and Head (purchaser), Post Harvest Technology Centre, GBC Road, Bapatla, Andhra Pradesh and the supplier shall not in the absence of the specific written acceptance be bound by any provisions of the supplier's quotations, offers, etc. which purport to impose conditions at variance with this contract.

- 16.2 Supplier shall not sublet or delegate this contract or part thereof without the written consent of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla. Such consent shall not, however, be withheld unreasonably. But, the tenderer(s) may without the consent of Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla purchase equipment/instruments as he/she/they do(es) not normally manufacture.
- 16.3 Supplier shall keep confidential all matters concerning this contract and comply with all reasonable security requirements. In no event the supplier(s) shall permit publicity concerning this contract without the prior consent of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla.

**17. SUPPLIES AS PER SPECIFICATIONS:**

- 17.1 All supplies shall be to the description and to the specifications laid down and in strict accordance with the order.
- 17.2 Decision of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla, however, shall be final as to the quality of supplies received and binding upon the supplier(s) in case, the supplier(s) supplies any other article than what is ordered such article supplied, not being approved, shall be liable to be rejected.
- 17.3 If the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla requires any changes in specifications, the supplier(s) shall use his best endeavour to comply with the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla, wishes subject to fair fixation of prices and delivery schedule where appropriate.
- 17.4 If at any time during the term of this contract, the plans of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla changes for any reasons the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla shall have the right to terminate or alter this contract by sending fifteen-days' notice to the supplier(s) by registered letter. In respect of such of the material as it complete and ready for dispatch within thirty days of such notice, the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla agrees to accept delivery thereof at the contract price and terms.

**18. CONSEQUENCE OF NON-SUPPLY, DAMAGES AND PENALTIES**

- 18.1 If the successful tenderer fails to execute the agreement and/or deposit the required security deposit within the time specified or withdraws his tender after the intimation of the acceptance of his tender has been sent to him or owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the *EMD deposited by him along with his tender shall stand forfeited* to the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla and he will also be liable for all damages sustained by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla by reasons of breach, such as failure to supply, including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology

Centre, GBC Road, Bapatla/committee constituted, whose decision is final in this matter.

- 18.2 In case the selected tenderer(s) does not supply the equipment/ instruments at the quoted rates within the period of contract and commits any breach of any one or more of these terms and conditions, the earnest money deposited by tenderer(s) will be forfeited by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla.
- 18.3 All risks of loss, damage or depreciation to goods shall be upon the supplier(s) until the instrument is successfully installed and demonstrated.
- 18.4 Assuming that the supplier(s) fails to deliver any or all the materials covered by the contract, the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla reserves the right in addition to other legal remedies, to cancel the contract or any portion thereof and hold the supplier(s) liable for all damages sustained by virtue of the supplier(s) failing to perform the contract and consequent cancellation of the contract.
- 18.5 Time allowed for delivery of goods shall be deemed to be the essence of contract. In case the goods are not delivered within the stipulated period, the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla reserves the right to recover the liquidated damages a sum equal to 2% of the contract price of the undelivered material per week subject to a maximum of 5% of the value of undelivered material. The Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla also reserves the right to cancel the purchase order in case supplies are delayed beyond the scheduled date of delivery and to make such arrangements as he/she/they may think fit for the completion of supplies on account and at the risk of the supplier(s). The additional expenses thus incurred together with the consequential losses and also the liquidated damages shall be recovered from the supplier(s) out of his/her/their security deposit/EMD and any other amount due to him/her/them. The balance still, if any, payable by the supplier(s) shall be paid by him/her/them within 7 days of notice by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla.
- 18.6 Non-performance of contract provisions will disqualify a firm to participate in the tender for the next three years.
- 18.7 In the event of tendered supplies failing quality test, contract with the tenderer will be suspended and purchases will be made from alternative suppliers. *Such firms will be black listed for three years* which defective supplies were detected. The tenderer shall also be liable for action under criminal law and the matter shall be notified to the concerned licensing authority.
- 18.8 In all the above conditions, the decision of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla, shall be final and binding.

**19. DELIVERY AND INSTALLATION PERIOD:**

- 19.1 Successful bidder shall deliver the goods, install, and demonstrate *within one month from the date of receipt of the purchase order*. In case of imported equipment, the successful bidder can send a request for extension of supply period not exceeding one month, in addition to regular one-month period, and acceptance of such requests will be at the discretion of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla.

- 19.2 Successful bidder has to supply the equipment/instruments at Post Harvest Technology Centre, GBC Road, Bapatla-522101, Guntur Dist., Andhra Pradesh.
- 19.3 For any delays in delivery beyond delivery period mentioned in the purchase order, the vendor will be liable for penalties as to be decided by the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla.

**20. WARRANTY**

- 20.1 Warranty shall be on-site comprehensive warranty for a period of 3 years from the date of completion of installation and successful demonstration.
- 20.2 Supplier shall warrant that the goods supplied are new, unused, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- 20.3 Supplier shall further warrant that all Goods supplied shall have no defect, arising from design, materials or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied goods in conditions prevailing in the country of consignee destination.
- 20.4 Warranty should include all spares parts, electronic parts and boards, hardware consumables, etc. for complete machine.
- 20.5 Conditional warranty will not be acceptable.

**21. TRAINING AND OTHERS:**

- 21.1 Should organize 2 on-site training sessions every year during the warranty period, and one training prior to installation for 2 scientists at R&D factory site of the manufacturer at free of cost.
- 21.2 Installation engineer should prepare detailed SOP (Standard Operating Protocol) for the operation of the equipment/instrument and analysis of samples.
- 21.3 Should perform IQ, PQ and OQ tests with documentation at the time of installation, where applicable.

**22. PAYMENT TERMS:**

- 22.1 No Advance Payments will be paid for the supply of the instrument.
- 22.2 No Letter of Credit will be issued for the supply of the instrument.
- 22.3 All the payments shall be in Indian Rupees Only.
- 22.4 Payment process will be initiated only after successful installation and demonstration of the equipment/instrument.
- 22.5 All bills shall be prepared in three copies and shall be signed by the supplier(s) or his/her/their authorized agent(s) along with advance stamp receipt. The bill in triplicate along with advance stamped receipt shall be raised in the name of the Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla as indicated in Annexure-I.
- 22.6 Bills will be presented to the University for payment by the Government Treasury/University and credit the amount into the bank account mentioned in the bills submitted by the supplier.

**23. CANCELLATION AND STOPPING THE TENDER/PURCHASE PROCESS:**

Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla reserves all the rights and power to stop or cancel the total/part of the process of these tenders and this purchase process at any stage without assigning any reason/reasons.

**24. SETTLEMENT OF DISPUTES:**

- 24.1 Any difference or dispute arising out of or in connection with this tender or acceptance thereof or the contract that may be entered in consequence thereof, shall be decided by arbitration.
- 24.2 Principal Scientist (Agril Engg) and Head, Post Harvest Technology Centre, GBC Road, Bapatla or his nominee shall be the sole arbitrator and the arbitrator's decision shall be final and binding on the parties. The tenderer(s) will have no objection to such appointment on any ground whatsoever including that such nominee, in his official capacity dealt with this matter at any stage.
- 24.3 Parties hereby agree that in the event of any dispute no cause of action shall arise in their favour to approach any court unless they have resorted to and exhausted the remedy of arbitration as envisaged above.
- 24.4 Parties also do hereby agree that the contract envisaged by these terms and conditions shall be deemed to have been entered into at Bapatla.
- 24.5 In the event of any dispute arising out of the tender such dispute would be subjected to the Jurisdiction of the civil courts within the town of Bapatla only.

**Sd/-**  
**Dr. L. Edukondalu**  
**Principal Scientist & Head**  
Post Harvest Technology Centre  
GBC Road Campus  
Bapatla

## **ANNEXURE – I**

### **TECHNICAL SPECIFICATIONS**

**ITEM NAME: Robotic Arm with Accessories**

**NUMBER REQUIRED: ONE (1)**

#### **1. Specifications:**

- i) Incline Conveyor with Clits (Where we can ensure only one mango moves top) Specification: 0.5 HP 3 Phase Motor power, 25:1 Ration Gearbox, VFD, Conveyor Width 300 mm, Height 6 Feet, Each clit height 50 mm, Each clit spacing 300 mm Medium Steel Main Support Frame, Rollers and Bearing Blocks
- ii) Pick & Place Robot (For picking & Placing Mango from Shifting conveyor at horizontal position to pricking in its mount at vertical position on processing conveyor) Gripper, 1 kg payload, X & Y Orientations, 300 mm coverage
- iii) PLC Automation Control System Main Control Unit with PLC, HMI, Add on Module, SMPS, Relay Board, Panel & Wiring Accessories, Programming

#### **2. Other requirement: NA**

#### **3. Warranty:**

- a) Supplier shall warrant that the Goods supplied are new, unused, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- b) Supplier shall further warrant that all Goods supplied shall have no defect, arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in conditions prevailing in the country of consignee destination.
- c) On-site Comprehensive Warranty period shall be 2 years from the date of completion of installation, all incidental services and successful demonstration.
- d) Warranty should include Motors, Rotors, spares parts, electronic parts & boards, hardware consumables for complete machine.
- e) Conditional warranty will not be acceptable.

#### **4. Training:**

- a) Should organize 1 on-site demonstration at the time of installation.

#### **5. Qualification Tests:** Should perform IQ, PQ and OQ tests with documentation at the time of installation.

#### **6. Mandatory documents:**

- a) List of at least 10 users in South region
- b) Minimum 5 performance certificates from South region
- c) Original Brochure of Instrument (Should be seen in official website of the manufacturer)

#### **7. Submit point-wise compliance statement (as per Form T-1) with documentary proof**

**ANNEXURE – II  
DECLARATION**

1. I/We have not been black listed in any department due to any reasons during last 3 years.
2. I/We have not been demoted to lower category in any department for not filing the tenders after buying the tender schedules in a whole year and their registration had not been cancelled for a similar default in two consecutive years.
3. I/We will agree to get disqualified my (our) selves for any wrong declaration in respect of the above and get my/our tender summarily rejected.
4. The soft copies uploaded are genuine and not forged.
5. Any incorrectness / deviation noticed can be viewed seriously and apart from cancelling the work duly forfeiting the bid security, criminal action can be initiated including suspension of business and/ or black listing.
6. I/We submitting a online payment receipt no. \_\_\_\_\_ dated \_\_\_\_\_ issued by \_\_\_\_\_ for Rs. \_\_\_\_\_ towards the EMD.

Signature of Tenderer

Date

Address

**ANNEXURE – III  
CHECK LIST**

Sl. No.	Code No.	Name of the Document
1	E-I	Declaration form (Annexure-II) with signature
2	E- II	Check list (Annexure-III) with signature
3	E- III	Manufacture license/authorization letter from the manufacturing firm with signature
4	E- IV	Earnest Money Deposit with signature
5	E- V	VAT/Sales Tax/GST clearance certificate, payment particulars for preceding two years along with supporting documents. (2023-24; 2024-25)
6	E- VI	Annual turnover assessment order for the preceding two years (2023-24; 2024-25) certified by Commercial Tax Officer / Chartered Account
7	E – VII	Copies of balance sheet, profit and loss account for last two years <i>i.e.</i> , (2023-24; 2024-25) duly certified by the auditor
8	E-VIII	Latest non-conviction certificate (in original), if applicable
9	E- IX	User List: Minimum 10 users in India, and minimum 5 performance certificates from prominent Educational institutions / Universities / Analytical Labs during last 5 years
10	E- XI	APSSIDC/NSIDC certificate, if applicable
11	E- XII	Government ownership certificate, if applicable
12	E-XIV	PAN card with signature
13	E-XV	GST registration certificate with signature
14	E-XVI	Brochure consisting detailed specifications of items issued by OEM (original equipment manufacturer)

**FORM T-1**

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

**ITEM CODE :**  
**ITEM NAME :**

1	2	3	4	5	6
Sl. No as given in the document	Parameter/ Feature	Specifications called for	Specification of proposed / offered item along with part code, qty. & description if any (Part code details must be provided)	Compliance (Complied/ Higher/ Lower)	Reference for proof of compliance (Required docs to be uploaded along with technical bid <i>with page and line number of the enclosed original brochure of the product / model</i> )

Note: (Detailed reference such as doc name, para no. page no., etc. should be provided) As per the bid document