

**TENDER FORM**



**ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY  
S.V. AGRICULTURAL COLLEGE, TIRUPATI  
TIRUPATI – 517502.**

**NOTICE INVITING TENDER (Online Version)**

<b><u>Sl. No.</u></b>	<b><u>Item</u></b>	<b><u>Description</u></b>
1.	Department Name	S.V. Agricultural College, Tirupati
2.	FILE / NIT Number	File No.860/Accts. IV/2023
3.	Tender Subject	Purchase of <b>Scientific Equipment</b> for the Department of Plant Pathology at S.V. Agricultural College, Tirupati- 517502.
4.	Cost of Tender Document	Not applicable
5.	Tender Type	Open
6.	Tender Category	Products
7.	EMD Amount for provisions (INR)	2% of the Bid value
8.	EMD payable:	The Associate Dean, S.V. Agricultural College, Tirupati payable at Tirupati on any nationalized bank only
9.	Bid Document Downloading Start Date	<b>24-12-2025, 04:00 PM</b>
10	Bid Document Downloading End Date	<b>30-12-2025, 03:00 PM</b>
11.	Last Date & Time for Receipt of Bids online	<b>30.12.2025, 05:00 PM</b>
12.	Submission of all the uploaded documents (Hard Copies) at the S.V. Agricultural College, Tirupati on or before	<b>31.12.2025, 10:00 AM</b>
13.	Technical Bid Opening Date and Time (Qualification and Eligibility Stage)	<b>31.12.2025, 10:30 AM</b>
14.	Price Bid Opening Date and Time (Financial Bid Stage)	After finalization of technical bid
15.	Place of Tender Opening	S.V. Agricultural College, Tirupati
16.	Tender Inviting / Opening authority	Associate Dean, S.V. Agricultural College, Tirupati
17.	Address/E-mail id	ad.svagctpt@angrau.ac.in
18.	Contact Details/Telephone	9642276238
19	Procedure for Bid Submission	1.Bids shall be submitted online. 2.The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website <a href="http://www.apecurement.gov.in">http://www.apecurement.gov.in</a> . <b>Note:</b> After tendering, <b>all Bidders should submit the attested copies of the uploaded certificates along with original EMD amount through</b>

		<p><b>DD Drawn in favour of <u>ADMINISTRATIVE OFFICER, S.V. Agricultural College, Tirupati to the Associate Dean, S.V. Agricultural College, Tirupati on or before 31.12.2025, by 10:00 AM</u>, failing which their tender will be summarily rejected.</b></p> <p><b>Transaction fee on e-Procurement Platform (Corpus fund):</b> All the participating bidders shall pay a transaction fee (non-refundable) as mentioned in the NIT payable to M/s APTS, Vijayawada and through on line. (0.04% of estimate contract value + GST as applicable). It is mandatory for all the participant bidders from 20.08.2020 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".</p> <p>The Bidder shall authenticate the bid with his digital certificate for submitting the bid electronically on e-Procurement Platform and the bids not authenticated by Digital certificate of the bidder will not be accepted on the e-Procurement platform</p>
	General Terms and Conditions and specifications of the equipment/Items	AS PUBLISHED IN THE TENDER DOCUMENT

**Sd/- M. Reddi Sekhar**  
**Associate Dean**  
**S.V. Agricultural College**  
**Tirupati**

**ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY  
S.V. AGRICULTURAL COLLEGE, TIRUPATI**



**E-PROCUREMENT NOTICE**

**Tender Notice No. 860/Accts.IV2023, Dated:24.12.2025**

E- Procurement tenders are invited from the manufacturers or their authorized dealers or reputed firms for Supply of Purchase of **Scientific Equipment** for the Department of Plant Pathology at S.V. Agricultural College, Tirupati - 517502”

Details are as follows : -

1)	<b>Tender document online opening date</b>	<b>24.12.2025, 04:00 PM</b>
2)	<b>Tender document downloads online closing date</b>	<b>30.12.2025, 03:00 PM</b>
3)	<b>Last date for Bid- Submission Online</b>	<b>30.12.2025, 05:00 PM</b>
4)	<b>Submission of all the uploaded documents (Hard Copies) at the S.V. Agricultural College, Tirupati on or before</b>	<b>31.12.2025, 10:00 AM</b>

- Bidders shall have GST Registration (for details log on to [www.apts.gov.in](http://www.apts.gov.in))
- For details visit [www.apecurement.gov.in](http://www.apecurement.gov.in)

For any clarification, please contact:

CONTACT: **9642276238**

**Sd/- M. Reddi Sekhar  
Associate Dean  
S.V. Agricultural College  
Tirupati**

## **GENERAL TERMS AND CONDITIONS**

1. Tenders will be accepted through on-line up to **30.12.2025 until 05:00 PM** by the Associate Dean, S.V. Agricultural College, Tirupati for the supply of **Scientific Equipment** for the Department of Plant Pathology at S.V. Agricultural College, Tirupati – 517502 in **Annexure-I**.
2. All the interested bidders have to mandatorily log on to e-procurement web site 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 is given at <https://tenders.apecurement.gov.in>.
3. The tenders are invited by **Associate Dean, S.V. Agricultural College, Tirupati, ANGRAU, Tirupati** for the supply Purchase of **Scientific Equipment** for the Department of Plant Pathology at S.V. Agricultural College, Tirupati – 517502

## **ELIGIBILITY TO PARTICIPATE IN TENDERS**

1. Manufacturers or their authorized Dealers or reputed firm are eligible to quote in this Tender. Authorized Dealers should attach Letter of Authority from the Principal manufacturer to quote in this Tender.
2. The Dealers/Makers should be registered firms and should have authorization certificate from principals in case representation of the international firm.
3. The Tendered shall supply good quality items as per Standards.
4. The Associate Dean, S.V. Agricultural College, Tirupati reserves the right to reject the tender of blacklisted companies and those of companies whose past performance with the S.V. Agricultural College, Tirupati was unsatisfactory due to delayed / erratic supplies, frequent product failures etc.,

## **SUBMISSION OF THE ON-LINE TENDER FORMS**

Tenders have to be submitted in two parts in ONLINE in the prescribed proforma i.e., Technical Bid (Part-I) and Financial Bid (Part-II).

1. Financial Bids of those Tenderers who qualify in Technical Bid will only be considered for finalization of the tender.
2. The 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. All the required documents / enclosures / literature / technical catalogs etc., have to be uploaded & attached along with Technical Bid (Part-I of the Tender) only. Technical catalogues for quoted item are essential. Tenders submitted without technical literature of the item will be summarily rejected. Eligibility for Financial Bid (Part-II of the Tender) will depend on the outcome of documents uploaded / electronically attached to Technical Bid

## **THE SCHEDULES FOR OPENING OF TENDERS THROUGH ONLINE ARE:**

<b>31.12.2025 at 10:30 AM</b>	Opening of Technical Bids i.e. Part-I
	Financial bid shall be opened after finalization of technical bid

1. The dates scheduled for RECEIPT and OPENING of tenders are fixed and will not be changed under any circumstances. However, the Associate Dean, S.V. Agricultural College, Tirupati 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.
2. 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.
3. The Associate Dean, S.V. Agricultural College, Tirupati is “Not Responsible” for non-receipt of tenders or late uploading of tenders on online for any reason, what so ever.
4. Failure to fill and sign the declaration and check slip shall make tender invalid.

**DOCUMENTS TO BE ELECTRONICALLY ATTACHED:**

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 web site i.e., <https://tenders.approcurement.gov.in>.

Sl.No	Code No.	Name of the Document
1.	E-I	Declaration Form (Annexure-II)
2.	E- II	Manufacturing License / Authorization letter from the Manufacturing firm
3.	E- III	Earnest Money Deposit
4.	E- IV	VAT/Sales Tax/GST Clearance Certificate or payment particulars for preceding two years along with supporting Documents. (2023-24 & 2024-25)
5.	E- V	Annual Turnover Assessment order for the preceding two years (2023-24 & 2024-25) certified by Commercial Tax Officer / Chartered Account
6.	E- VI	Copies of balance Sheet, Profit and loss Account for last two years i.e. (2023-24 & 2024-25) duly certified by the Auditor
7.	E – VII	Copy of GST Registration Certificate
8.	E-VIII	Users list for the item/ equipment during past 4 years
9.	E- IX	BIS / ISO/ CE issued by the Competent Authority
10.	E-X	APSSIDC/NSIDC/MSME Certificate, if applicable
11.	E- XI	Government Ownership Certificate, If applicable
12.	E- XII	List of service centers with contact details for each of the equipment

2. The Tenderers are requested to submit the following for verification **on or before 31.12.2025 until 10:00 AM physically or by post**. The Associate Dean, S.V. Agricultural College, Tirupati is not responsible for any postal delay.

a) Check slip of all the documents uploaded

b) Copies of all the documents, which were uploaded

*Note: This is only for cross verification of the uploaded documents. Any required document failed to upload, the bid shall become invalid, even though documents are produced physically.*

3. All the enclosed documents shall be in English or Hindi or Telugu, *If Any Document is Produced in any Language Other than English or Hindi or Telugu, True Translation copies of Such documents in English Shall be enclosed duly attested by a Gazetted Officer*. Failure to submit English translation of such documents shall make tender invalid. All Originals are to be presented at the time of scrutiny for verification.

**TRANSACTION FEE**

All the participating bidders shall pay a transaction fee (non-refundable) to M/s APTS, Vijayawada and through on line. (0.04% of estimate contract value + GST as applicable). It is mandatory for all the participant bidders from 20.08.2020 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".

**EARNEST MONEY DEPOSIT (EMD)**

1. Earnest Money Deposit as indicated below in the form of crossed demand draft / pay order drawn on any scheduled bank in favor of The **ADMINISTRATIVE OFFICER**, S.V. Agricultural College, Tirupati and this E.M.D. The E.M.D. of unsuccessful tenderers will be returned after signing the agreement with the successful tenderers.

**Particulars of EMDs :2% of the Bid value.**

2. All the bidders shall invariably upload the scanned copies of DD/pay order towards EMD along with the bid, in e-procurement platform and this will be the primary requirement to consider the bid responsive.
3. The DD/pay order should be deposited to this office while producing hard copies for verification.
4. Cheques, Cash deposits, Term Deposits or Fixed Deposits will not be accepted towards Earnest Money Deposit.
5. However, the exemption of Earnest Money Deposit 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 order should be uploaded in the e-procurement platform in place of DD in case of any such claim.
6. The 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, E.M.D. SHALL ACCOMPANY THE TENDER. Failure to enclose E.M.D. shall make such of those items not covered under S.S.I. Certificate invalid for consideration.
7. Earnest Money Deposit of other tenders deposited with this office during any period of time shall not be considered for this tender.

### **SECURITY DEPOSIT**

1. The successful Tenders(s) shall within 7 days, after the Associate Dean, S.V. Agricultural College, Tirupati written notice of acceptance of the Tender has been posted to him or them, deposit with the **ADMINISTRATIVE OFFICER**, S.V. Agricultural College, Tirupati a sum of rupees@ 2% of the cost of items inclusive of all taxes (or the authority may fix the amount according to the value of the tender) as a security for the fulfillment of the contract. Performance bond guarantee can also be considered, as security deposit in addition to the EMD. The Earnest Money Deposit/Security Deposit shall carry no interest. *The Security Deposit to be deposited will be in addition to the Earnest Money deposit.*
2. The Associate Dean S.V. Agricultural College, Tirupati reserves the right to forfeit and confiscate Earnest Money Deposit, if the successful Tenderer(s) fail to pay the Security Deposit which is required under the Terms and conditions of this Tender.

### **FORFEITURE / REFUND OF THE EARNEST MONEY DEPOSIT / SECURITY DEPOSIT**

1. In case the selected Tender(s) does not supply the stores 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 Associate Dean (or) Administrative Officer, S.V. Agricultural College, Tirupati
2. Earnest Money of the unsuccessful Tenderer(s) shall be refunded signing the agreement with the successful tenderers by the ANGRAU, Guntur. No interest is payable by The Associate Dean (or) Administrative Officer, S.V. Agricultural College, Tirupati on such deposits.
3. The Earnest Money and Security money deposited by successful Tenderer(s) shall be retained by The Associate Dean (or) Administrative Officer, S.V. Agricultural College, Tirupati till three months after the expiry of the contract period, i.e., 12 months from the date of acceptance of the tender or the date on which the supply which may arise in consequence of repeat orders placed during the 12 months for which the rates quoted are to remain valid.
4. On due performance and satisfactory completion of the order in all respects during the contract period, the Earnest Money Deposit and the security deposit will be refunded to the Contractor(s) without any interest within a period of 3 months with effect from the date of receipt of a request to this effect from the supplier(s).

### **VAT/SALES TAX/GST CLEARANCE CERTIFICATE**

Attested Photo Copy of GST / VAT / Sales Tax Clearance 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/VAT/Sales Tax payment under relevant rules should produce a certificate to that effect from the competent authority.

### **MANUFACTURING LICENSE:**

1. Attested Photocopy of the Latest Manufacturing License, which is in vogue shall be enclosed. If the firm has applied for renewal of license, necessary authenticated proof from the concerned Licensing Authority shall be furnished. Licenses issued for test and Analysis will not be considered. The product/item quoted by the tenderer shall be underlined with “Red Ink”. The License number and date should also be underlined with ‘Red Ink’. The abstract of the product quoted should be enclosed. The Manufacturing License should clearly indicate a minimum of two years of manufacturing and marketing experience. Items without the proof of two years of Manufacturing and Market experience will summarily be rejected.
2. The tenders received without proper license, authenticated list of items covered by license and authorization letters from actual / original manufacturers are liable for rejection without any further notice.
3. Tenderers should enclose documents to show that manufacturing Unit has been recognized with the ISO Certificate etc.
4. Tenderers should enclose documentary evidence of having manufactured and marketed the product for two years.

### **BIS/ISO/CE etc CERTIFICATES (whichever is applicable):**

1. Tenderer should produce BIS / ISO/ CE etc. certificate (wherever applicable) issued by the concerned Licensing Authority.
2. Tenderers should enclose BIS / ISO Certificate for products wherever applicable.
3. The certificates whichever is applicable and claimed should be furnished with supportive documents.

### **TERMS AND CONDITIONS FOR COMMERCIAL AGREEMENT:**

1. The details of the required items are shown in e-procurement Web Application. Rates should not vary with the quantum of orders or destination.
2. The rates quoted shall be in Indian Rupees only and must be expressed both in figures and words as well. The rate of each category of item should be quoted. The rates quoted should be inclusive of all the applicable taxes and “FOR destination” (destinations for the items are mentioned in Annexure-I). However, the applicable taxes and packaging costs if any etc. should be clearly indicated in the price bid.
3. Tenderers who are supplying the items offered in this tender to other states shall enclose the copies of latest invoices to support of their claim that the rates quoted to ANGRAU are comparable.
4. No Insurance charges will be paid by the Department / Indenter.
5. The rates quoted by the tenderer shall not exceed the controlled rates, 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.
6. All rates quoted by the bidder should be valid for a period of One year from the date of acceptance of the lowest Bid.
7. The 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 / neighboring states of A.P. If such incidences of quoting higher rates to this S.V. Agricultural College, Tirupati come to the notice at any time, during the course of Rate Contract for the rest of the Rate Contract period, the Associate Dean, S.V. Agricultural College, Tirupati reserves the right to initiate an appropriate disciplinary action against such firms including black listing them.
8. IF ARTIFICIALLY LOW RATES ARE QUOTED, THE ASSOCIATE DEAN, S.V. AGRICULTURAL COLLEGE, TIRUPATI RESERVES THE RIGHT TO CROSS-VERIFY THEM AND IGNORE THEM FROM CONSIDERATION IN ORDER TO PREVENT UNETHICAL TRADE PRACTICES.
9. 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, ignoring the lowest rates.

10. 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 will face suitable legal action for such action at any time during the Rate Contract period.
11. Rates quoted should be marked clearly with main price and taken separately. Total price after taking all the actuals will be taken as financial quote for comparison.
12. No representation towards upward revision of rates once accepted will be considered. DSIR and other certificates for custom exemption will be provided by S.V. Agricultural College, Tirupati.
13. The rate quoted and accepted will be binding on the tenderer for the stipulated period and on no account will any increase in the price be entertained till the completion of tender period.
14. No tenderer shall be allowed at any time on any ground what so ever to claim revisions 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. Conditions such as "SUBJECT TO AVAILABILITY" "SUPPLIES WILL BE MADE AS AND WHEN SUPPLIES ARE RECEIVE" 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 shall be summarily rejected.
15. No company / Firm which has been blacklisted either by the S.V. Agricultural College, Tirupati, A.P or ANGRAU 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 will not only be debarred / Black listed permanently and their security deposit /EMD whichever is available with the Department will be forfeited and any business / transactions will be stopped with their firms forthwith.
16. The indented stocks shall be delivered at respective institutes or research stations as indicated in Annexure-I at the cost of the supplier.
17. The rates should be quoted separately for each item.
18. The Associate Dean, S.V. Agricultural College, Tirupati reserves the right for cancellation of tender even after approval at commercial stage due various administrative and financial reasons.

#### **AGREEMENT**

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, which will be supplied along with the list of items tentatively approved. Agreement should be typed only on one side of stamp paper with due attestation on each page.
2. In the event of failure to execute agreement in proper form along with the Security deposit by successful tenderer within (10) days, the EMD of such tenderer will be forfeited and such defaulters will forego the right to participate for future tenders for a minimum period of (3) year.

#### **DEMONSTRATION OF THE ITEMS:**

1. The Tenderer may have to arrange for demonstration of the functioning of the items as per specifications with the Associate Dean, S.V. Agricultural College, Tirupati, in case of necessity.
2. If the item is declared to be not of standard quality or not meeting the specified requirements, it will deem to be rejected. If any item 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 item will be recovered from the tenderer, if the payment had already been made, in addition to penalty. *The approved firms shall Re-Supply the item.*

#### **OTHER CONTRACTUAL OBLIGATIONS**

1. The contract shall not be capable of being varied except by written consent by both the Associate Dean (purchaser) 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.
2. The supplier shall not sublet or delegate this contract or part thereof without the written consent of the Associate Dean, S.V. Agricultural College, Tirupati. Such consent shall not

however be withheld unreasonably. But the Tenderer(s) may without the consent of The Associate Dean, S.V. Agricultural College, Tirupati purchase material as he/they does not normally manufacture.

3. The supplier shall keep confidential all matters concerning this contract and comply with all reasonable security requirements. All drawing, blocks, specifications, manuscripts, samples etc., supplied by the Associate Dean, S.V. Agricultural College, Tirupati and all copies thereof shall be returned to the Associate Dean when their use is terminated. In no event the supplier(s) shall permit publicity concerning this contract without the prior consent of the Associate Dean, S.V. Agricultural College, Tirupati
4. Any undertaking or commitment given by or made by any Officer or the Associate Dean verbally or in writing does not have any validity unless it is signed again by the authority competent who concluded an agreement earlier.

### **INSPECTION AND PACKING**

1. At all reasonable time during production and prior to dispatch of material the supplier(s) shall afford and secure for the representative of the Associate Dean, S.V. Agricultural College, Tirupati every reasonable access and facility at his plant or premises for its inspection and making of usual tests on behalf of the institute. The supplier(s) shall advise the scheme at least 7 days prior to the time when any material is ready for final inspection. The Associate Dean, S.V. Agricultural College, Tirupati will then make the inspection and subject to the material being in all respects as specified and being of sound quality and workmanship the representative of the Associate Dean, S.V. Agricultural College, Tirupati shall sign or countersign a certificate of inspection.
2. a) The supplier(s) shall supply to the Associate Dean, S.V. Agricultural College, Tirupati on request a report from time to time as to the progress of supplies. Any delay or anticipated delay will be reported at once together with the full reasons there for.  
b) The responsibility of procurement of transport facilities and dispatch of the stocks in good condition and as per specifications and in time/door delivery lies with the supplier(s) and they must keep up the delivery schedule at any rate.  
c) The insurance should be done at the cost of supplier(s) as the rate quoted is all inclusive for door delivery at respective institutes or research stations as indicated in Annexure-I.
3. Should the progress in supplies be delayed due to any cause beyond the reasonable control of the supplier(s) and whether such delay or impediment occurs before or after the time for dispatch, reasonable extension of time might be granted by agreement between the parties.
4. The supplier(s) shall insert in each case 3 copies of packing list, fully item wised to show case number, contents and full description of the contents. The concerned in-charge of the stores of the respective institutes or research stations as indicated in Annexure-I at the receiving point will retain one copy with him and return the other two copies, duly signed to the supplier(s) who will append one copy of this packing list with invoices when sent to the concerned for payment.

### **SUPPLIES AS PER SPECIFICATIONS**

1. All supplies shall be to the description and to the specifications laid down and in strict accordance with the approved samples. Deviations, if any should be clearly brought out failing which it will be normally construed that the materials offered are not to our requirements. Any special features may also be clearly brought out.
2. The decision of The Associate Dean, S.V. Agricultural College, Tirupati 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.
3. If the Associate Dean, S.V. Agricultural College, Tirupati requires any changes in specifications the supplier(s) shall use his best endeavor to comply with The Associate Dean, S.V. Agricultural College, Tirupati wishes subject to fair fixation of prices and delivery schedule where appropriate.
4. If at any time during the term of this contract, the plans of The Associate Dean, S.V. Agricultural College, Tirupati changes for any reasons The Associate Dean, S.V. Agricultural College, Tirupati 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 Associate Dean, S.V. Agricultural College, Tirupati agrees to accept delivery thereof at the contract price and terms.

## **CONSEQUENCE OF NON-SUPPLY AND DAMAGES**

1. All risks of loss, damage or depreciation to goods shall be upon the supplier(s) until the material is delivered at the addresses specified and in accordance with the provisions of the contract. Till the material received at the respective destination indicated by The Associate Dean, S.V. Agricultural College, Tirupati the property continues to be at the risk of the supplier(s). The mere fact that the material is delivered to transporter is no defense to the supplier(s) and the supplier(s) will be squarely held responsible for any delayed receipt of the material by the respective research stations or institutes as indicated in the Annexure-I or for loss of damage of any kind to the material in transit.
2. Assuming that the supplier(s) fails to deliver any or all the materials covered by the contract, The Associate Dean, S.V. Agricultural College, Tirupati 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.
3. In the event of the supplier(s) failing to complete the supplies in time or according to the approved specifications, The Associate Dean, S.V. Agricultural College, Tirupati, reserves the right to make such arrangements as it may think fit for the completion of the supplies on account of and the sole risk of the supplier(s).
4. In case the goods are not supplied according to specifications, they will be summarily rejected.
5. The time allowed for delivery of goods shall be deemed to be the essence of contract. In case the goods are not delivered to the respective addresses as indicated in the Annexure-I within the stipulated period, the Associate Dean, S.V. Agricultural College, Tirupati 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 Associate Dean, S.V. Agricultural College, Tirupati 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 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/their security deposit/Earnest Money deposit and any other amount due to him/them. The balance still if any payable by the supplier(s) shall be paid by him/them within 7 days of notice by The Associate Dean, S.V. Agricultural College, Tirupati.
6. All invoices shall be prepared in four copies and shall be signed by the supplier(s) or his/their authorized agent(s). Every invoice shall bear a certificate to the effect that the material covered by the invoice(s) has been inspected by the supplier(s) before delivery and confirm in every way to the contract specifications and is packed in accordance with the contract requirements and further that the invoice is correct in every particular and no other invoice has been rendered previously in respect of the articles charged in the particular invoice. The invoice in triplicate along with advance stamped receipt shall be raised in the name of heads of the respective research stations or institutes as indicated in Annexure-I.
7. The payment of the bills shall be made by the heads of the respective research stations or institutes as indicated in Annexure-I duly deducting the statutory deductions, if any.

## **PENALTIES**

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 Earnest Money Deposit deposited by him along with his tender shall stand forfeited to the heads of the respective research stations or institutes as indicated in Annexure-I and he will also be liable for all damages sustained by the heads of the respective research stations or institutes as indicated in Annexure-I 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 heads of the respective research stations or institutes as indicated in Annexure-I, whose decision is final in the matter.
2. Non-performance of contract provisions will disqualify a firm to participate in the tender for the next three years.
3. In the event of tendered supplies failing quality test, contract with the tenderer will be suspended and purchases made from alternative suppliers. *Such firms may be black listed for three years* beginning from the year following the one in 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.

- 4 In all the above conditions, the decision of the ASSOCIATE DEAN, S.V. AGRICULTURAL COLLEGE, TIRUPATI shall be final and binding.
- 5 In the event of any dispute arising out of the tender such dispute would be subject to the Jurisdiction of the Civil courts within the city of Tirupati.

#### **SETTLEMENT OF DISPUTES**

1. The Associate Dean, S.V. Agricultural College, Tirupati has exclusive and sole rights to cancel this bid at any stage without offering any remarks or reasons thereof.
2. 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. The Associate Dean, S.V. Agricultural College, Tirupati 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.
3. The 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.
4. The parties also do hereby agree that the contract envisaged by these terms and conditions shall be deemed to have been entered into at Tirupati alone will have jurisdiction to try and legal proceedings which may arise out of this contract. Neither party shall file any proceedings in any other court.

**Sd/- M. Reddi Sekhar**  
**Associate Dean**  
**S.V. Agricultural College**  
**Tirupati**

**ANNEXURE-I**  
**(Technical Specifications)**

**Specifications of the Bio safety cabinet-III of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
<b>MICB 01</b>	<p>Class III Bio Safety Cabinet is defining as a totally enclosed ventilated unit of airtight construction. Operations in the cabinet are conducting through glove-ports, which are providing with rubber gloves. The Cabinet unit is maintaining under negative pressure. Supply air is drawn into the cabinet through HEPA filters. The exhaust air is treated by HEPA filtration and incinerations. This type of cabinet systems provides the means to control air borne particulates containments including micro – organisms determined to be potentially harmful to personnel the product and the environment.</p> <p><b>Cleanliness Level</b>                      <b>CLASS 100 as per ISO 14644 –1</b></p> <p>Air Balancing                              <b>100% exhaust</b></p> <p>Inside Pressure                              Negative Pressure</p> <p>Particle retention                          0.3 Micron &amp; Above</p> <p>Inflow Velocity                              100 FPM ± 20</p> <p>Exhaust Velocity                              80 FPM ± 20</p> <p>Noise level                                      65 decibel on “A” scale ± 5</p> <p>Ultra violet lamp                              PHILIPS make – 1 No.</p> <p>Illumination                                      LED Fitting – 1 No.</p> <p>Pressure Differential                          Digital Display Gauge</p> <p>Front Panel                                      Polycarbonate Front door with Pneumatic Lift &amp; Glove Port Arrangement and full airtight construction</p> <p>Glove Port                                      Gloves: 6” dia, Gloves &amp; Glove ports</p> <p><b><u>Material of Construction:</u></b>              The Cabinet made from <b>Galvanized Iron 18 SWG</b> sheet metal with powder coated finish. The entire working zone is lined with <b>IS 304 grade stainless steel</b> materials with coving on corners for easy cleaning.</p> <p>Working Table                                  made of <b>IS 304 Stainless Steel - satin finished</b></p> <p>Working Area:                                  The entire working zone is lined with <b>IS 304 grade stainless steel</b> materials with coving on corners for easy cleaning</p> <p>Front Sash:                                      Made of clear <b>5 mm Polycarbonate sheet</b> with <b>Glove Port arrangement– Front opening with pneumatic lift operating and full gasketed air tight fitting</b></p> <p>Transfer Chamber                              Air Pass through box is designed to transfer samples and other work items to be passed to and from the room. Unit acts as an air lock device preventing ambient air from entering, or clean air from exiting the cabinet.</p> <p>HEPA Filter:                                      Media                      Ultra clean glass fiber paper – imported</p> <p>    Type                      <b>Mini-Pleated</b> constructions</p> <p>    Casing                      Aluminum with Powder Coated</p> <p>Retention                      0.3 Micron</p> <p>Efficiency                      99.997%</p> <p>    Pressure drop      12 mm WG</p> <p>PRE Filter:                                      Media                      Non woven - synthetic polyester</p> <p>    Casing                      Aluminum with Powder Coated.</p> <p>    Retention              5 micron</p> <p>Efficiency                      95%</p> <p>Pressure drop      6 mm WG</p> <p>Exhaust Air Blower                              1200 CFM displacing capacity having a static of 40 mm WG and made of mild steel with PU coated finish and</p>	<b>2 Nos.</b>

	<p>Exhaust Duct</p> <p>Standard accessories</p> <p><b>Documentation:</b></p> <ul style="list-style-type: none"><li>• <b>DQ, IQ, OQ, PQ Document</b>&amp; Warranty certificate will be provided</li><li>• Test certificate for HEPA Filter will be provided</li></ul> <p><b><u>The following Tests shall be carried-out at your factory before dispatch:</u></b></p> <ul style="list-style-type: none"><li>• Laser Particle Count test to confirm the cleanliness level as per ISO 14644-1</li><li>• Velocity profile for HEPA filter as per IES-RP-CC-002</li><li>• (Δ P) Differential pressure measurement to confirm the HEPA filter condition</li></ul> <p><b><u>Special Features of Biohazard Safety Cabinets:</u></b></p> <ul style="list-style-type: none"><li>▪ Complete equipment is fabricated by using <b>18SWG GI</b> which is rust proof</li><li>▪ Inner working area is <b>IS 304 Grade SS lined</b> for better working environment</li><li>▪ Vertical corners are <b>coving finished;</b> for easy cleaning</li><li>▪ Working table is <b>removal type</b> for easy cleaning</li><li>▪ Waste <b>liquid collection tray</b> – underneath worktable – for easy dispose off</li><li>▪ <b>Mini-pleat HEPA filter</b> for better efficiency &amp; longer life</li><li>▪ <b>Polycarbonate front door</b>– UV resistant, unbreakable</li><li>▪ <b>UV on/off</b> integrated with door close/open operation to avoid accidental exposure to UV</li><li>▪ Cabinet will be supplied with SS armrest</li></ul> <p><b>Specifications:</b></p> <p>EN 12469:2000 &amp; EN 61010-1:2010 Certified</p> <p>CE-12571 Certified</p> <p>ISO 9001:2015 &amp; ISO 13485:2016 Certified</p> <p>Manufactured by using 1.2mm Pretreated Galvanized Sheet</p> <p>Provided with microprocessor based control system with LCD / LED display for operational parameters</p>	
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**Specifications of the Bio safety cabinet-II of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 02	Vertical Laminar Flow Class II Type B2 Biohazard Safety Cabinets provide personnel, product, and environmental protection. This Series of cabinets are referred to as “total exhaust” cabinets because the 100% contaminated air is exhausted to the atmosphere after HEPA filtrations without re-circulating in the cabinet. Laminar airflow enclosures with High Efficiency Particulate Air (HEPA) filtration of exhaust air and an air barrier at the work opening. HEPA-filtered Vertical laminar airflow, which is discharged to the work zone, creates an ultra-clean work environment for product protection. An air barrier between the operator and the work zone is maintained by a flow of room air into a full width grille in the work opening. The barrier air mixes with the laminar flow air in a sump underneath the work surface, and is exhausted to the outside environment via a HEPA filter. To contain potentially hazardous aerosols, negative pressure zones surround all the positive pressure zones and Filter sealing.	1 No.
	Cleanliness Level <b>ISO CLASS 100 as per ISO 14644-1</b>	
	Direction of flow                         Vertical	
	Air Balancing <b>100% Exhaust &amp;0% Re-Circulation</b>	
	Particle retention                        0.3 Micron	
	Velocity                                    90 Feet / Min ± 20	
	Noise level                                60 decibel on “A” scale ± 5	
	Pressure Differential                    Digital Display Gauge	
	Ultra violet lamp                        PHILIPS - make	
	Illumination                              LED tube fitting	
	Power supply                             220 V, Single Phase, 50 Hz	
	<b><u>Material of Construction:</u></b> The Cabinet made from <b>Galvanized Iron 18 SWG</b> sheet metal with powder coated finish	
	Support stand                            under-bench support-stand made of heavy duty square pipes-MS with Powder coated finish	
	Work Table                                Removable type tabletop, made of perforated 18 SWG thick IS 304 Grade Stainless Steel with satin finished, underneath provided with drain-pan to collect & dispose of liquid wastes	
	Front Sash                                Made of clear <b>5 mm thick polycarbonate sheet – motorized vertical sliding</b> and interlocked with UV on/off function	
	Side Panels                                Both the sidewalls will be double layered, with outer layer in powder coated <b>GI</b> & inner layer in polished IS304 <b>stainless steel</b> with return-air plenum in between. Edges are perforated to avoid entry of room air into the work zone and exit of contaminated air in to the room and such contaminated air is collected through this full height perforation at the edges of the sidewalls.	

HEPA Filter:	Media	Ultra clean glass fiber paper– imported
(Supply & Exhaust)	Type	<b>Mini-Pleated</b> construction
	Retention	0.3 Micron
	Efficiency	99.997%
	Pressure drop 12 mm WG	
	<b>Grade</b>	<b>H14 rating</b>
PRE FILTER	Media	Non woven - synthetic polyester
	Retention	5 micron
	Efficiency	95%
	Pressure drop 6 mm WG	
Blower Assembly:	Outer rotor type blower system, consists of dynamically & statically balanced aluminum centrifugal impeller driven by a Single phase motor, enclosed in a PU coated GI casing directly mounted type.	
Exhaust Duct:	The exhaust air will be sending out through an exhaust duct made of 150/200 mm dia PVC pipe up to <b>10 feet</b> length. Suitable canopy will be provided at the end of the duct.	
Exhaust Blower:	Having a displacing capacity of 1360 CMH at a static of 40 mm WG and made of mild steel and directly driven by Single phase, 1440-RPM motor are provided.	
ON/OFF Controls:	Micro-processor-based Semi automatic control with LED/LCD display and Soft touch switch pads provided for blower, UV & Daylight lamp	
UV / Door interlock	Apart from an independent control switch, the closing / opening operation of front door movement is interlocked with the UV on / off. The UV will automatically switch “off” when the front doors opened; likewise, the UV will switch “on” automatically when the door is closed. This will avoid accidental exposure of UV rays to the users’ as UV rays are harmful to the skin	
Standard Accessories:	Additional power point 5 /15 Amps – 1 No Air/Gas inlet nozzle, Floor levelling screws & Wire chord	
<b>Specifications:</b>		
EN 12469:2000 & EN 61010-1:2010 Certified		
CE-12571 Certified		
ISO 9001:2015 & ISO 13485:2016 Certified		
Manufactured by using 1.2mm Pretreated Galvanized Sheet		
Provided with microprocessor based control system with LCD / LED display for operational parameters		

**Specifications of the Deep Freezer -20<sup>0</sup>C of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 03	<ul style="list-style-type: none"><li>• Cabinet Type: Upright</li><li>• Capacity (L): 270 L</li><li>• Climate Class: N</li><li>• Defrost Mode: Manual</li><li>• Refrigerant: CFC / HCFC free</li><li>• Cooling Method: Direct Cooling</li><li>• Compressor: 1 no</li><li>• Noise(dB(A): ≤ 56</li><li>• Cooling Performance (°C): -25°C</li><li>• Temperature Range (°C): -10°C ~ -25°C</li><li>• Ambient Temperature (°C): 16°C ~ 32°C</li><li>• Controller: Microprocessor Digital Controller</li><li>• Display: Digital LED display</li><li>• Access Test Port: 1 no.</li><li>• Alarm: Audible &amp; Visible: Audible &amp;Visible : High / Low Temp., Sensor Failure, Power failure, Door Ajar</li><li>• External construction: Powder Coated Steel</li><li>• Internal construction: Aluminum with spray painting</li><li>• Doors: 1</li><li>• Shelves: 7 ABS Drawer</li><li>• Door Lock with Keys: YES</li><li>• Insulation Thickness: 100mm</li><li>• Caster: 2 no Universal Caster wheels + 2 Leveling Feet</li><li>• Power Supply (V/Hz): 220 ~ 240 V / 50Hz</li><li>• Rated Power (W):120</li><li>• Input power (W): 240</li><li>• Current Consumption (KWh/24h):1.21</li><li>• Rated Current (A): 1.08</li><li>• Internal Dimension (WxDxH): 500 x 460 x 1235 mm</li><li>• External Dimension (WxDxH): 700 x 640 x 1792 mm</li><li>• Net Wt. / Gross Wt.: 90/98 Kg</li></ul>	2 Nos.

**Specifications of the Deep Freezer -40°C of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 04	<ul style="list-style-type: none"><li>• Cabinet Type: Upright</li><li>• Capacity (L): 450 L</li><li>• Climate Class: N</li><li>• Defrost Mode: Manual</li><li>• Refrigerant: R290, CFC- Free</li><li>• Cooling Method: Direct Cooling</li><li>• Compressor: 2 no</li><li>• Noise (dB(A)): ≤ 56</li><li>• Cooling Performance (°C): -40°C</li><li>• Temperature Range (°C): -20°C ~ -40°C</li><li>• Ambient Temperature (°C): 16°C ~ 32°C</li><li>• Controller: Microprocessor Digital Controller</li><li>• Display: Digital LED display</li><li>• Access Test Port: 2 no.</li><li>• Alarm: Audible &amp; Visible: High / Low Temp., Sensor Failure, High Ambient Temp. High Condenser, Door Ajar, Low Battery, Power Failure, USB Data log Failure, Supply Error, Main board communication Error,</li><li>• External Construction: Powder Coated Steel</li><li>• Internal Construction: ABS</li><li>• Doors: Double Door</li><li>• Shelves: 6 x 2 ABS Drawers</li><li>• Door Lock with Keys: YES</li><li>• Insulation Thickness: 80mm</li><li>• Caster: 4 units of Universal Caster wheels (2 Casters with brake)</li><li>• Data Logging/Time/Quantity: USB/Record every 1 minute / 365 days</li><li>• Door with heater: YES</li><li>• Power Supply (V/Hz): 220 V / 50Hz, 220V / 60Hz, 110/60Hz</li><li>• Rated Power (W): 460</li><li>• Input Power (W): 840</li><li>• Current Consumption (KWh/24h): 5.03</li><li>• Rated Current (A): 3.85</li><li>• Internal Dimension (WxDxH): (650 x 570 x 627mm) x 2</li><li>• External Dimension (WxDxH): 810 x 735 x 1960 mm</li><li>• Net Wt. / Gross Wt.: 144/156 Kgs</li></ul>	1 No.

**Specifications of the Deep Freezer -86°C of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 05	<ul style="list-style-type: none"><li>• Cabinet Type: Upright</li><li>• Capacity (L):400</li><li>• Climate Class: N</li><li>• Cooling Type: Direct cooling</li><li>• Defrost Mode: Manual</li><li>• Compressor: 1 no</li><li>• Refrigerant: CFC- Free, Mixture Gas</li><li>• Evaporator: D-Form Copper tube</li><li>• Fan Motor: EBM</li><li>• Noise(dB(A): 50</li><li>• Cooling Performance (°C): -86°C</li><li>• Temperature Range (°C): -40°C ~ -86°C</li><li>• Ambient Temperature (°C): 16°C ~ 32°C</li><li>• Controller: Microprocessor</li><li>• Display: 7" LED Touch Screen Display</li><li>• USB Interface: YES</li><li>• Access Test Port: 2</li><li>• Alarm: Audible &amp;Visible : High / Low Temperature, Sensor Failure, Door Ajar, System Failure, USB Failure, High Ambient Temperature, Condenser Cooling Failure, Low Battery, Power Failure, Abnormal Voltage</li><li>• External Construction: High Quality Steel Plates with Powder Coating</li><li>• Internal: 304 grade Stainless Steel</li><li>• External Door: 1 no</li><li>• Inner Door: 2 Individual Inner Doors</li><li>• Shelves: 3 shelf made of SS304</li><li>• Door Lock with Keys: YES</li><li>• Inventory 2ml vial: 30000</li><li>• Insulation Thickness: VIP + Vacuum Insulation panel with 130 mm</li><li>• Inventory Rack 2": 5 x 5 x 12 = 300</li><li>• Caster : 4 units of Universal Caster wheels</li><li>• Foot: 2 Leveling Foot</li><li>• Power Supply (V/Hz): 220 V ~ 240 V / 50Hz, 220V / 60Hz</li><li>• Rated Power (W): 950</li><li>• Input Power (W) : 980</li><li>• Power Consumption (KWh/24h): 11</li><li>• Rated Current (A): 5</li><li>• Internal Dimension (WxDxH): 440x696x1266 mm</li><li>• External Dimension (WxDxH): 785x1041x1947 mm</li></ul> <p>Net Wt. / Gross Wt.: 237/272 Kgs</p>	2 Nos.

**Specifications of the Gel Documentation of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 06	<ul style="list-style-type: none"><li>• Versatile system to support wide range of applications like Fluorescence, Colorimetry/densitometry &amp; Gel documentation.</li><li>• The Gel Imaging System should support the following dyes – SYBR Green, SYBR Safe, Ethidium Bromide, Stain Free Gel ,Coommassie Blue, Zinc Stain, Flamingo, Oriole, Silver Stain, Coommassie Fluor Orange, Sypro Ruby, Krypton &amp; Colorimetric Blots</li><li>• The Gel Imaging System should feature touch screen of size 9.7" or more which is Multitouch capable &amp; offer a Display resolution of 1,024 x 768 pixels.</li><li>• The Gel Imaging System should offer Smart Tray Technology that automatically recognizes your application-specific tray and adjust imaging parameters and software options accordingly</li><li>• The Gel Imaging System should offer precalibrated focus for any zoom setting or sample height.</li><li>• The Gel Imaging System should have a high-resolution scientific grade 16 bit CMOS camera, a light-tight compact darkroom &amp; a Slide-Out UV Transilluminator.</li><li>• Maximum image area - 21 x 14 cm (W x H)</li><li>• Pixel density (gray levels) - 65535</li><li>• Dynamic range - &gt;3.5 orders of magnitude</li><li>• Emission filter -535–645 nm</li><li>• Data output -16-bit or 8-bit: SCN, TIFF, JPEG image files</li><li>• The Gel Placement door should be drawer type allowing access to Gels from either direction for facilitating easy/clutter free gel excision applications.</li><li>• The Imaging System should offer a camera resolution greater than 6.3 megapixels &amp; carry a pixel size of 2.4µm x 2.4 µm</li><li>• The Instrument should offer Trans-UV (B) and Epi White as Standard Illumination. White Light Trans Illumination &amp; Blue Conversion tray should be included.</li><li>• Appropriate flat fielding correction should be automatically and consistently applied to image data for every application.</li><li>• Specifications of the Image Analysis Software:</li><li>• Automated lane and band identification, molecular weight or base pairs evaluation, band sizing, and quantitation based on a reference band or quantity standards</li><li>• Snapshot tool to copy images, lane profiles, and graphs</li><li>• Allow Publishing resolution (dpi) and publishing dimension to be specified with a one-click image export for publication. Provides functionality to produce image at user-defined dpi and dimension</li><li>• No requirement of license for registration. The full version software should be installable in large number of computers. Lifetime free upgrades of Software &amp; Firmware should be available.</li><li>• Mac and PC compatible software</li><li>• 16-bit and 8-bit tiff images with a one-click export option</li><li>• Software should produce customizable reports with data organized as desired, including, Lane and band identification, molecular weight or base pair evaluation. Band sizing and quantification are based on a reference band or quantity standards.</li><li>• Software should offer live update of results with any change of analysis parameters.</li><li>• Local/Global background subtraction for individual bands</li><li>• Tools for compliance with U.S. FDA 21 CFR Part 11 regulations.</li></ul>	1 No.

**Specifications of the Hot Air Oven of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 07	<ul style="list-style-type: none"><li>• Hot Air Ovens are sturdy double walled units Inner chamber made of S.S./ Alu and outer made of Mild Steel with Powder coating.</li><li>• Gap between the walls filled with glass wool insulation to avoid heat loses.</li><li>• Temperature is controlled by thermostat. Temp. Range 50°C to 200°C and Accuracy: +-2°C Air Ventilations are placed on top of both sides to remove hot gases/fumes. With three side Heating Element.</li><li>• <u>Inner Chamber &amp; Trays S.S,</u>Micro processor based Digital Temperature Controller ,Air Circulation Fan600x600x600mm</li></ul>	2 Nos.

**Specifications of the Lyophilizer/Freez Drier of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
<b>MICB 08</b>	<ul style="list-style-type: none"> <li>• Condenser temperature should be -50 °C</li> <li>• Tray dimension should be 200mm dia x 4 layers with 8 port manifolds</li> <li>• Should have SECOP compressor, the refrigeration process is rapid and the condenser temperature is low</li> <li>• Should have colour LCD touch display which can display drying curve, vacuum, condenser trap, run time, ambient temperature</li> <li>• The control system automatically stores data, and data can be viewed in form of curves. Whole freeze-drying process is clear</li> <li>• Condenser, trays, drying shelf and pre-freezing shelf are made of Stainless steel 304 anti-corrosion and easy to clean</li> <li>• Shelf should be height adjustable tray</li> <li>• Should have transparent acrylic drying chamber is safe and easy observation</li> <li>• Should have Condenser has pre-freezing function</li> <li>• Should be supplied with Low noise compressor, good efficiency, long service life</li> <li>• Drying Chamber with organic glass is safe and visible</li> <li>• Should have inbuilt USB port to output freeze drying data</li> <li>• Freeze drying area should be 0.12m<sup>2</sup></li> <li>• Condenser Capacity should be 3-5kg or better</li> <li>• Vacuum degree :&lt; 10 Pa</li> <li>• Bulk Capacity should be able to use 1.2L, 10mm thickness</li> <li>• Dimension should not be more than (L X W X H mm): 460 X 625 X (370 + 465)</li> <li>• Rotary vane Vacuum pump should be included along with the Unit</li> <li>• Pumping speed should me minimum of 2 L/S</li> <li>• Pump ultimate pressure should be 6*10 ps</li> <li>• Motor Speed should be minimum of 1400 r/min</li> <li>• Vacuum Pump motor power should not be more than 0.40kw</li> <li>• Vacuum pump oil capacity should me minimum of 1L (2/3 of sight glass)</li> <li>• Pump weight should not be more than 25kg</li> <li>• The vacuum pump is connected with host by international standard KF quick joint</li> <li>• Should have Nitrogen valve optional and have provision for up gradation</li> <li>• Should have Communication interface is optional and have provision for up gradation</li> <li>• Power supply: AC 220V±10%, 50/60Hz and one one warranty.</li> <li>• Pre-Qualification Criteria:</li> <li>• Purchase order copy and minimum of 3 past performance certificates should be provided</li> <li>• Similar type of equipment should have installation in IIT, ICAR, NIC, Universities proof of documents should be provided</li> <li>• Supplier should have local service engineer</li> <li>• Bidders should be the manufacturer/authorized dealer. Letter of Authorization from on the same should be enclosed.</li> <li>• An undertaking from is required stating that they would facilitate the bidder on a regular basis with technology/product updates &amp; extend support for the warranty as well.</li> <li>• Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specification, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.</li> <li>• Equipment offered must be a model from the current serial production range of the manufacturer. Customized or One-off Manufactured Model will not be accepted. Offer should be supported with printed catalogue or depiction on company website.</li> <li>• The firm should have a single-source Local Service Support Facility, for prompt after-sales service support. Supplier should mention the details of service setup and man powers who are responsible for after sales support. Response time should be within 24hrs</li> <li>• Please mention full technical specification in compliance data sheet. All details should be mentioned in detail, and yes/complied/Ok type of statements are not acceptable. Submit appropriate documentary proof as per our technical specification.</li> <li>• Warranty minimum 1 year should be provided</li> <li>• AMC cost after warranty for a period of 3 year should be provided</li> </ul>	<b>1 No.</b>

**Specifications of the Orbital Shaker Incubator of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 09	<ul style="list-style-type: none"><li>• Brushless induction Motor with variable frequency drive suitable for continuous operations</li><li>• Step less variable frequency drive ensures gentle shaking start and maintains set speed</li><li>• Counter balanced mechanism for high stability in uneven load of different sized flasks</li><li>• Universal Shaking Platform to accommodate different sized assorted flasks</li><li>• Maximum shaking capacity – 9 Flasks x 2000 ml</li><li>• Powerful fan motor for forced air circulation to maintain uniform conditions inside chamber</li><li>• Machine filled CFC free PUF insulation to eliminate void pockets</li><li>• Unique design of thermal barrier for better energy efficiency</li><li>• Heating by long SS tubular heaters</li><li>• Additional tray to store samples</li><li>• Chamber calibration port on side</li><li>• Hermetically sealed Compressor with CFC free refrigerant (CIS–24 Plus)</li><li>• Microprocessor controller with 4”LCD display for display of shaking speed &amp; temperature</li><li>• 9 programs memory</li><li>• High temperature safety cut off alarms for high / low set temperature</li><li>• Electrical circuit breaker</li><li>• Time delay for compressor switch on (CIS–24 Plus)</li><li>• Overload cut off relay for compressor (CIS–24 Plus)</li><li>• Rounded inner chamber for easy cleaning</li><li>• Attractive door profile</li><li>• Weight carrying capacity of each tray:15Kg Uniformly distributed</li><li>• Auto door closer</li><li>• Smart Handle with LED door closure indication</li></ul> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"><li>• Temperature Range &amp; Accuracy: 5°C to 60°C, ± 0.5°C</li><li>• Internal Volume (Liters): 215</li><li>• Platform Size: 580mm x 600mm</li></ul>	1 No.

	<ul style="list-style-type: none"> <li>• Maximum Shaking Capacity (Volume x No. of flasks)*: 100ml x 49, 150ml x 49, 250ml x 33, 500ml x 24, 1000ml x 15, 2000 ml x 9</li> <li>• Shaking Speed range (RPM): 20to250</li> <li>• Shaking Amplitude: 25mm</li> <li>• Internal Dimensions W x D x H (mm): 660 x 765 x 650</li> <li>• External Dimensions W x D x H (mm): 800 x 1150 x 1300</li> <li>• Temperature control: Microprocessor with PT-100 sensor</li> <li>• Display: 4" LCD Screen, Large size Display for ease of reading</li> <li>• Power Failure Alarm: Audio Visual Alarm</li> <li>• Door Open Alarm: Audio Alarm in case door open for over one minute</li> <li>• Temperature Variation Alarm: Set Temperature <math>\pm 2^{\circ}\text{C}</math>, Audio Visual Alarm</li> <li>• Illumination: 8 Watts Fluorescent Tube</li> <li>• Internal Body Material: Stainless Steel – 304 grade (Standard Models), Stainless Steel – 316 grade (GMP Models)</li> <li>• External Body Material: Powder Coated CRCA Steel (Standard Models), Stainless Steel – 304 grade (GMP Models)</li> <li>• Insulation (CFC free polyurethane foam): 70 mm minimum for Body &amp; 80 mm for Door</li> <li>• Noise Level: Less Than 65 db (A)</li> <li>• Including Recommended Voltage Stabilizer</li> <li>• <b><u>Optional accessories</u></b></li> <li>• Clamps for holding Conical Flask</li> <li>• <b>Capacity:500ML</b></li> <li>• <b>Capacity:250 ML</b></li> </ul>	
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**Specifications of the Phase Contrast Trinocular Microscope with Camera of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 10	<p><b>Optical System:</b> UIS2 (universal infinity-corrected) optical system</p> <p><b>Illumination System:</b> Built-in transmitted illumination system · Köhler illumination (fixed field diaphragm)· LED power consumption 2.4 W (nominal value), pre centered. The LEDs have a long 30,000 to 60,000-hour lifetime.</p> <p><b>Focusing:</b> Stage height movement (coarse movement stroke: 15 mm ) · Stroke per rotation for coarse adjustment knob: 36.8 mm, Focusing stopper · Torque adjustment for coarse adjustment knob · Fine focus knob (minimum adjustment gradations: 2.5 µm).Course and Fine focusing should be in both sides with same size.</p> <p><b>Revolving Nosepiece:</b> Fixed quintuple nosepiece with inward tilt.</p> <p><b>Stage:</b> · Wire movement mechanical fixed stage, (W × D): 211 mm × 154 mm · Traveling range (X × Y): 76 mm × 52 mm · Single specimen holder (optional: double specimen holder, sheet holder) · Specimen position scale · Stage XY movement stopper.</p> <p><b>Observation Tube:</b> Type (anti-fungal)- Trinocular Head, Eyepiece (anti-fungal)- 10X Field Number (FN): 20, Tube Inclination-30°,Light Path Selector-eyepiece/camera port = 50/50 fixed. Interpupillary Distance Adjusting Range-48–75 mm. Raise the eye point position by 30 mm with eye point adjuster optionally.</p> <p><b>Condenser:</b> · Abbe condenser NA 1.25 with oil immersion · Universal condenser with 7 turret positions: BF (4–100X), 2X, DF, Ph1, Ph2, Ph3, FL · Condenser turret lock pin (BF only) · Built-in aperture iris diaphragm · AS lock pin.</p> <p><b>Observation Methods:</b>Phase contrast, Bright field, dark field same Microscope it can be must upgradable for simple polarization,3 channel fluorescenceB,G&amp;UV, phase contrast , Deca Head, Penta Head,dual Head, Tri Head, and Digital imaging head (Optionally).</p> <p><b>Objectives:</b> Plan achromat (UIS2), anti-fungus 4X NA 0.1 W.D. 18.5 mm , 10XPH NA 0.25 W.D. 10.6 mm, 20XPH NA 0.4 W.D. 1.2 mm, 40XPH NA 0.65 W.D. 0.6 mm, 100XOPH NA 1.25 W.D. 0.15 mm, optionally upgradable with 2X NA 0.06 W.D. 5.8 mm, 20X NA 0.4 W.D. 1.2 mm, 60X NA 0.8 W.D. 0.2 mm.</p> <p><b>Rated Voltage/Electric Current:</b> AC 100–240 V 50/60 Hz 0.4 A.</p> <p>Power cord &amp; dust cover: Microscope must have back side basket for keeping tool kits and others.</p> <p>8Mp HDMI 4k Camera with C Mount adaptor :with 8 MP (3840 X 2160 resolution) having Sony back illuminated CMOS sensor, Frame rate output @ 75 fps (Video), @ 60 fps (HDMI 2.0), @ 30 fps (USB 3.0), exposure time: 0.048~1000 ms, Output Slots – USB3/ HDMI/ SD, 4 GB SD card, comes with Magvision, Software having features like Point to point, measurement, calibration, scale bar, image, comparison, auto white balance, brightness,contrast, Gamma settings with C-Mount, adapter of 0.5x. Packing includes: 8 MP HDMI Camera, HDMI Cable, SD Card 4 GB, Calibration slide,Magvision Software, Mouse, C-Mount adap 0.5x.</p> <p>USB Mouse-Connect USB mouse for easy operation, USB Video-Connect PC or other host device to realize video image transmission, HDMI-Comply with HDMI2.0 standard. 4K/1080P format video output and supporting automatic switch between 4K and 1080P format according to the connected monitors, SD-SD card slot SD card can be inserted for video and images saving,8Mp HDMI 4k Camera with C Mount adaptor :Camera &amp; Software Features: Simple connectivity, Ease of use &amp; installation, Electronic shutter control (no moving parts), Single-cable operation (no external power supply or control unit), Portability with laptop computer (Computer Platforms/Operating Systems Windows®11. Auto/Manual adjustments : Shutter 1/10000 to 30s, Gain 0 to 18 dB, white balance -6 dB to +6Db.</p> <p>Software: Real-time preview &amp; capture, advanced color management, color correction algorithms ensure accurate true color imaging. Background and darkfield correction. Autoexposure, auto white balance, auto contrast (dynamic and manual controls). Measerment option, Stiching,counting edf, report generate option.</p> <p>Camera must have a fixing slot for inbuilt screen with tilt option</p> <div> <div>CE Certification</div> <div>It should meet CE Standards for safety</div> </div> <div> <div>ISO Certification</div> <div>It should be manufactured in a ISO 9001 facility</div> </div> <div> <div>Demonstration</div> <div>Demonstration will be one of the criteria for Technical Evaluation.</div> </div>	1 No.

**Specifications of the Trinocular Stereo Microscope of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 11	Zoom Ratio : 1:6.7 .	1 No.
	Zoom range : 0.67~4.5x	
	Magnification with 1x objective & 10X eyepiece : 6.7x - 45x. It must upgradable magnification upto 270x with 30x Eye pieces and 2x Objectives	
	Observation Tube : 45° inclined Trinocular observation tube which should support <b>field of view of 22 mm</b> or more. It should have a Interpupillary distance adjustment	
	Objectives : Built in Achromat / Plan Achromat objective of 1x . It should have a working distance of 90~100 mm.	
	Eyepiece : Paired Widefield eyepiece of 10x having field of view of 22 mm or higher with diopter setting on one eyepiece position.	
	Illumination : Transmitted halogen light of 6V 15W or 6V 20W with reflecting mirror suitable for nematodes study.	
	Stand : The stand should be a pillar stand where the Working distance can be adjusted based on the height of the specimen.	
	Digital Camera : 8Mp HDMI 4k Camera with C Mount adaptor :with 8 MP (3840 X 2160 resolution) having Sony back illuminated CMOS sensor, Frame rate output @ 75 fps (Video), @ 60 fps (HDMI 2.0), @ 30 fps (USB 3.0), exposure time: 0.048~1000 ms, Output Slots – USB3/ HDMI/ SD, 4 GB SD card, comes with Magvision, Software having features like Point to point, measurement, calibration, scale bar, image, comparison, auto white balance, brightness,contrast, Gamma settings with C-Mount, adapter of 0.5x. Packing includes: 8 MP HDMI Camera, HDMI Cable, SD Card 4 GB, Calibration slide,Magvision Software, Mouse, C-Mount adap 0.5x.  USB Mouse-Connect USB mouse for easy operation, USB Video-Connect PC or other host device to realize video image transmission, HDMI-Comply with HDMI2.0 standard. 4K/1080P format video output and supporting automatic switch between 4K and 1080P format according to the connected monitors, SD-SD card slot SD card can be inserted for video and images saving,  8Mp HDMI 4k Camera with C Mount adaptor :Camera & Software Features: Simple connectivity, Ease of use & installation, Electronic shutter control (no moving parts), Single-cable operation (no external power supply or control unit), Portability with laptop computer (Computer Platforms/Operating Systems Windows®11. Auto/Manual adjustments : Shutter 1/10000 to 30s, Gain 0 to 18 dB, white balance -6 dB to +6Db. Software: Real-time preview & capture, advanced color management, color correction algorithms ensure accurate true color imaging. Background and darkfield correction. Auto exposure, auto white balance, auto contrast (dynamic and manual controls). Measurement option, Stiching, counting edf, report generate option. Camera must have a fixing slot for inbuilt screen with tilt option	
	CE Certification : It should meet CE Standards for safety	
	ISO Certification : It should be manufactured in a ISO 9001 facility	
	Demonstration : Demonstration will be one of the criteria for Technical Evaluation.	

**Specifications of the Centrifuge of S.V. Agricultural College, Tirupati**

Item Code	Specifications	Quantity
MICB 12	<ul style="list-style-type: none"><li>• Detects rotor automatically and sets maximum RCF on its own</li><li>• Refrigeration temperature up to – 10 °C</li><li>• 9 acceleration mode and 9 deceleration modes for highly sensitive samples</li><li>• Adjustable speed range from 500 to 15000 RPM</li><li>• Imbalance detection feature with auto-cut-off safety</li><li>• One-touch RPM/RCF conversion &amp; short spin operation option on the keyboard</li><li>• Select from 15 optional swing-out and fixed-angle rotors</li><li>• Intuitive interface with last-run memory feature</li><li>• Stainless steel rotor chamber remains corrosion-free and is extremely easy to clean.</li><li>• Variable timer setting option from 30 secs to 999 mints. and an infinite mode</li></ul> <p><b>Rotary head</b> 16x15ml 6x50ml</p>	2 Nos.

Sd/- M. Reddi Sekhar  
Associate Dean  
S.V. Agricultural College  
Tirupati

## 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 by them are genuine and not forged. 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.
5. I/We submitting a demand draft 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)
2.	E- II	Manufacturing License / Authorization letter from the Manufacturing firm
3.	E- III	Earnest Money Deposit
4.	E- IV	VAT/Sales Tax/GST Clearance Certificate or payment particulars for preceding two years along with supporting Documents. (2023-24 & 2024-25)
5.	E- V	Annual Turnover Assessment order for the preceding two years (2023-24 & 2024-25) certified by Commercial Tax Officer / Chartered Account
6.	E- VI	Copies of balance Sheet, Profit and loss Account for last two years i.e. (2023-24 & 2024-25) duly certified by the Auditor
7.	E – VII	Copy of GST Registration Certificate
8.	E-VIII	Users list for the item/ equipment during past 4 years
9.	E- IX	BIS / ISO/ CE issued by the Competent Authority
10.	E-X	APSSIDC/NSIDC/MSME Certificate, if applicable
11.	E- XI	Government Ownership Certificate, If applicable
12.	E- XII	List of service centers with contact details for each of the equipment

**ANNEXURE – IV**

**FINANCIAL BID**

I/We quote the rates FOR, S.V. Agricultural College, Tirupati **Inclusive of all taxes, duties, transportation, insurance, installation etc.,** as below.

Sl. No.	Name of the item	No. of Units	Price per Unit (Rs.)	Total amount (Rs.)

The articles will be ready for delivery within \_\_\_\_ days from the date of receipt of firm orders.

Yours faithfully,

*(Signature and stamp of the Tenderer state legal status whether prop. Partner, Registered firm, Company etc)*

**Encl:** Information brochure enclosed

EMD – DD No. Dt.                      For Rs. \_\_\_\_\_

- Note:** *1. Attach additional sheets giving full particulars such as name and address of the proprietor or list of partners and their addresses or particulars of registered firm or of the company and the specifications of the items furnished.*
- 1. Rates quoted should be marked clearly with main price and taken separately. Total price after taking all the actuals will be taken as financial quote for comparison.*



Approve Tender

Current Tender Details

Tender ID	880510	IFB Number / Tender Notice Number	860/Accts.IV/2023
Name of Work	Purchase of Scientific Equipment		
Tender Category	Products	Tender Evaluation Type	Item Wise
Tender Type	OPEN - NCB	Estimated Contract/IBM Value	₹ 0
Bid Document Download Start Date and Time	24/12/2025 04:00 PM	Bid Submission Closing Date and Time	30/12/2025 05:00 PM

Tender Approved and Published Successfully. Using IP Address :\*\*\*\*\*136 and Bid Submission Closing Date is 30/12/2025 05:00 PM.



Enquiry Particulars	
Department Name	ACHARYA NG RANGA AGRICULTURAL UNIVERSITY
Circle/Division	SRI VENKATESWARA AGRICULTURAL COLLEGE, TIRUPATI
Tender ID	880510
IFB No / Tender Notice Number	860/Accts.IV/2023
Name of Project	University Project
Name of Work	Purchase of Scientific Equipment
Package number	N/A
Period of Completion/ Delivery Period (In Months)	N/A
Bidding Type	OPEN - NCB
Tender Category	PRODUCTS
Type of Product	Scientific and Engineering Equipment
Currency Type	(INR)
Default Currency	Indian Rupee - INR
Estimated Contract Value	0
Evaluation Type	Item Wise
Evaluation Criteria	Based on Price
Consortium / Joint Venture	Not Applicable

Tender Dates	
Bid Document Download Start Date & Time	24/12/2025 04:00 PM
Bid Document Download End Date & Time	30/12/2025 03:00 PM
Bid Submission Closing Date & Time	30/12/2025 05:00 PM
Bid Validity Period (In Days)	90

Tender Inviting Authority Particulars	
Officer Inviting Bids	Associate Dean SV Agricultural College Tirupati
Bid Opening Authority	Associate Dean SV Agricultural College Tirupati
Address	Associate Dean SV Agricultural College Tirupati
Contact Details	9642276238
Email	ad.svagcpt@angrau.ac.in

Transaction Fee Details	
Transaction Fee Payable to 'APTS ' payable at Vijayawada.	The participating bidders have to pay a transaction fee of 0.03 % on the Total Cost + GST as applicable.

Bid Security Details		
Bid Security(INR)	Bid Security In Favour Of	Mode of Payment
2.00 % of Quoted value	Administrative Officer SV Agricultural College Tirupati	Exempted,Online Payment,Challan Generation,BG

Process Fee Details	
Process Fee	Process Fee Payable To
No Data Found. . .	

Decrypter List							
Department User Name	Department Name	Phone Number	Email	Designation	Certificate serial No	Certificate Expiry	

REDDY SEKHAR MANGALA	ACHARYA NG RANGA AGRICULTURAL UNIVERSITY	9989625206	ad.svagcpt@angrau.ac.in	Associate Dean	190bdc8	09/10/2027 05:56 PM
BALA SUBRAMANYAM AKULA	ACHARYA NG RANGA AGRICULTURAL UNIVERSITY	9490845922	ao.svagcpt@angrau.ac.in	Professor and Deputy Registrar	18eea35	29/07/2027 12:18 PM

#### Tender Documents

S.No	File Name	File Description	File Size (in Bytes)	Uploaded Date
1	Scientific Equipment.pdf	As per the tender documents	758733	24/12/2025 02:13 PM

#### Required Tender Documents Details

S.No	Documents Required from Contractor	Stage	Optional
1	As per the tender documents	COMMON	Mandatory

#### General Terms and Conditions / Eligibility

##### General Terms and Conditions / Eligibility

As per the tender documents

#### General Technical Terms and Conditions (Procedure)

##### General Technical Terms and Conditions (Procedure)

As per the tender documents

#### Legal Terms & Conditions

##### Legal Terms & Conditions

As per the tender documents

#### Procedure for Bid Submission

##### Procedure for Bid Submission

The bidder shall submit his response through Bid submission to the tender on eProcurement platform at [www.apecurement.gov.in](http://www.apecurement.gov.in) by following the procedure given below. The bidder would be required to register on the e-procurement market place <https://tender.apecurement.gov.in> and submit their bids online. Offline bids shall not be entertained by the Tender Inviting Authority for the tenders published in e-procurement platform.

The bidders shall submit their eligibility and qualification details, Technical bid, Financial bid etc., in the online standard formats displayed in eProcurement web site. The bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria/technical bids and other certificate/documents in the eProcurement web site. The bidder shall sign on the statements, documents, certificates, uploaded by him, owning responsibility for their correctness/authenticity. The bidder shall attach all the required documents for the specific tender after uploading the same during the bid submission as per the tender notice and bid document.

The Bidder shall also ensure prior to Final Bid submission that the Encryption certificate present in the DSC Key token is the same as that mapped into his Profile page in the Eprocurement system. Service provider shall not be responsible for Non-submission of Bid in case there is a variance in the Encryption certificate between the Key token and the Uploaded certificate in the Bidders profile in the Eprocurement system.

Registration with eProcurement platform: For registration and online bid submission bidders may contact HELP DESK.

<https://tender.apecurement.gov.in>

Digital Certificate authentication:

The bidder shall authenticate the bid with his Digital Certificate for submitting the bid electronically on eProcurement platform and the bids not authenticated by digital certificate of the bidder will not be accepted on the eProcurement platform.

For obtaining Digital Signature Certificate, you may please Contact:

You may please Contact Registration Authorities of any Certifying Authorities in India. The list of CAs are available by clicking the link <https://tender.apecurement.gov.in/digital-signature.html#>

3. Hard copies:

i) Vide ref. G.O.Ms.No.174, I&CAD dept dated:1-9-2008, submission of original hard copies of the uploaded scanned copies of Proof of online Payment (Remittance)/BG towards EMD by participating bidders to the tender inviting authority before the opening of the price bid is dispensed forthwith.

ii) All the bidders shall invariably upload the scanned copies of Proof of online Payment (Remittance)/BG in eProcurement system and this will be the primary requirement to consider the bid responsive.

iii) The department shall carry out the technical evaluation solely based on the uploaded certificates/documents, Proof of online Payment (Remittance)/BG towards EMD in the eProcurement system and open the price bids of the responsive bidders.

iv) The department will notify the successful bidder for submission of original hardcopies of all the uploaded documents Proof of online Payment (Remittance)/BG towards EMD prior to entering into agreement.

v) The successful bidder shall invariably furnish the original Proof of online Payment (Remittance)/BG towards EMD, Certificates/Documents of the uploaded scan copies to the Tender Inviting Authority before entering into agreement, either personally or through courier or post and the receipt of the same within the stipulated date shall be the responsibility of the successful bidder. The department will not take any responsibility for any delay in receipt/non-receipt of original Proof of online Payment (Remittance)/BG towards EMD, Certificates/Documents from the successful bidder before the stipulated time. On receipt of documents, the department shall ensure the genuinity of the Proof of online Payment

(Remittance)/BG towards EMD and all other certificates/documents uploaded by the bidder in eProcurement system. In support of the qualification criteria before concluding the agreement.

#### 4. The GO. Ms. No. 174 -I&CAD dated: 1-9-2008

Deactivation of Bidders If any successful bidder fails to submit the original hard copies of uploaded certificates/documents, Proof of online Payment (Remittance)/BG towards EMD within stipulated time or if any variation is noticed between the uploaded documents and the hardcopies submitted by the bidder, as the successful bidder will be suspended from participating in the tenders on eProcurement platform for a period of 3 years. The eProcurement system would deactivate the user ID of such defaulting bidder based on the trigger/recommendation by the Tender Inviting Authority in the system. Besides this, the department shall invoke all processes of law including criminal prosecution of such defaulting bidder as an act of extreme deterrence to avoid delays in the tender process for execution of the development schemes taken up by the government. Other conditions as per tender document are applicable.

The bidder is requested to get a confirmed acknowledgement from the Tender Inviting Authority a proof of Hardcopies submission to avoid any discrepancy.

#### 5. Payment of EMD:

It is mandatory for all participant bidders to electronically pay EMD Online by utilizing the 'Payment Gateway Service on E-Procurement platform'. The Electronic Payment Gateway accepts all Master and Visa Credit Cards issued by any bank and Direct Debit facility/Net Banking/NEFT payment modes through ICICI Bank and/or Axis Bank Payment Gateways to facilitate the transaction. This is in compliance as per G.O.Ms. 08 dated 08.05.2016. A GST of 18.00% + Bank charges on the transaction amount payable to APTS shall be applicable. In addition to this, Bidders can also pay the EMD through Download of PDF format of RTGS Challan for respective Payment gateway and pay the EMD through their Parent Bank account. Once the EMD is received by the EProcurement application, Bidders can automatically continue with their Bid Submission online.

#### IMPORTANT NOTE REGARDING EMD PAYMENT:

1. Bidders are encouraged to use only Net banking facility for payment of EMDs as far as possible for faster refunds in case of unsuccessful Bids for the Tender.

2. Bidders are advised not to use RTGS Challan downloads at the penultimate hour of Bid submission closing as any delay by their banker would not enable Bid submission on the platform. Please allow a minimum of 60 minutes for enabling 'Continuation of Bid Submission' from the time the Pool Account receives credit of the EMD from the Bidders Bank for both NEFT and RTGS Transfers. For RTGS Transfers, the Pool Account can get immediate credit whereas NEFT transfers would follow RBI Payment Cycle time.

3. Bidders are advised to pay EMD Online atleast T-1 or T-2 days before Bid submission closing date (T= Bid submission closing date) to avoid last minute delays and denials of successful Bid submission and to take care of any delays in Banking procedures.

#### Un Successful Bidder EMD Refund process: -

The bid is declared unsuccessful, under the following circumstances.

Bid submitted by the bidder is not the lowest bid.

Upon Finalization of the L1 Bid.

Technical Disqualification of the Bid in case of 2 cover system.

EMD paid but bid not submitted

EMD refund will be initiated by the Tender Inviting Authority directly and through Online only and through the same payment channels as EMD received by the Department. (RTGS / NEFT /Credit Card /Debit Card refund), within 30 days from the date of publishing the Decision / Result. However, Service Provider /GoAP will not be held responsible for the delays occurring due to banking channels/procedures/processes of the respective vendor.

#### IMPORTANT NOTE REGARDING EMD REFUNDS:

Bidders are requested to use discretion in their choice of payment channel for remittance of EMD.

Time taken for Refunds under Ideal conditions:

1. Net Banking / NEFT / RTGS Challan: One (1) Banking Business Day from time of initiation of refund by Tender Inviting Authority subject to RTGS/NEFT timings of RBI.

2. Credit card/ Debit card: 7-10 working days from time of initiation of refund by the Tender Inviting Authority. However, this may be longer in case of certain bank cards. In case of delays, bidders are requested to contact the Card issuing Bank for faster resolution.

6. Payment of Transaction Fee:

It is mandatory for all the participant bidders from 1st January 2006 to electronically pay a Non-refundable Transaction fee to M/s. APTS , the service provider through 'Payment Gateway Service on E-Procurement platform'. The Electronic Payment Gateway accepts all Master and Visa Credit Cards issued by any bank and Direct Debit facility/Net Banking of ICICI Bank, Axis Bank to facilitate the transaction. This is in compliance as per G.O.Ms. 13 dated 07.05.2006. A GST of 18.00% + Bank charges on the transaction amount payable to APTS shall be applicable.

The participating bidders will pay a transaction fee @ 0.03% of ECV (estimated contract value) with a cap of Rs.10,000/- (Rupees ten thousand only) for all works with ECV upto Rs.50 crores, and Rs.25,000/- (Rupees twenty five thousand only) for works with ECV above Rs.50 crores, at the time of bid submission electronically. For tenders wherever ECV is not available i.e., for goods and services, the transaction fee shall be calculated on quoted value. GST as levied by the GOI on transaction fee, electronic payment gateway charges shall be borne by the bidders.

7. Corpus Fund:

As per GO MS No.4 User departments shall collect 0.04% of ECV (estimated contract value) with a cap of Rs. 10,000 (Rupees ten thousand only) for all works with ECV upto Rs.50 Crores, and Rs. 25,000/- (Rupees twenty-five thousand only) for works with ECV above Rs.50 Crores, from successful bidders on eProcurement platform before entering into agreement / issue of purchase orders, towards eprocurement fund in favour of Managing Director, APTS . There shall not be any charge towards eProcurement fund in case of works, goods and services with ECV less than and upto Rs. 10 lakhs

8. Tender Document:

The bidder is requested to download the tender document and read all the terms and conditions mentioned in the tender Document and seek clarification if any from the Tender Inviting Authority. Any offline bid submission clause in the tender document could be neglected.

The bidder has to keep track of any changes by viewing the Addendum/Corrigenda issued by the Tender Inviting Authority on time-to- time basis in the E-Procurement platform. The Department calling for tenders shall not be responsible for any claims/problems arising out of this.

9. Bid Submission Acknowledgement:

The bidder shall complete all the processes and steps required for Bid submission. The system will generate an acknowledgement with a unique bid submission number after completing all the prescribed steps and processes by the bidder. Users may also note that the bids for which an acknowledgement is not generated by the e-procurement system are treated as invalid or not saved in the system. Such invalid bids are not made available to the Tender Inviting Authority for processing the bids. The Government of AP are not responsible for incomplete bid submission by users.

#### Stages

S.No	Stage Name	Evaluation Opening date	Dependent Stage Name
1	PQ Stage	31/12/2025 10:30 AM	
2	Commercial Stage	31/12/2025 11:30 AM	PQ Stage

#### Schedule Details

S.No	Schedule ID	Schedule Name
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1	1	Purchase of Scientific Equipment
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