

Total No. of pages in tender document 25 (Twenty five) pages

TENDER FORM



**Acharya N.G.Ranga Agricultural University
REGIONAL AGRICULTURAL RESEARCH STATION
TIRUPATI- 517502, CHITTOOR DT.**

NOTICE INVITING TENDER (Online version)

Sl.No.	Item	Description
1.	Department Name	Regional Agricultural Research Station, Tirupati
2.	FILE / NIT Number	File No. 104/Admn.IV/2017
3.	Tender Subject	Purchase of Equipment for RARS, Tirupati.
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 Director of Research, RARS, Tirupati payable at Tirupati on any nationalized bank only
9.	Bid Document Downloading Start Date	24.01.2022 04.00PM
10.	Bid Document Downloading End Date	07.02.2022,12.00PM
11.	Last Date & Time for Receipt of Bids online	07.02.2022,04.00PM
12.	Submission of all the uploaded documents (Hard Copies) at the Regional Agricultural Research Station, Tirupati on or before	11.02.2022,04.00PM
13.	Technical Bid Opening Date and Time(Qualification and Eligibility Stage)	12.02.2022,02.00PM
14.	Price Bid Opening Date and Time (Financial Bid Stage)	after finalization of technical bid
15.	Place of Tender Opening	Regional Agricultural Research Station, Tirupati.
16.	Tender Inviting / Opening authority	Associate Director of Research, Regional Agricultural Research Station, Tirupati.
17.	Address/E-mail id	adr.rarstpt@angrau.ac.in , ao.rarstpt@angrau.ac.in
18.	Contact Details/Telephone	08772248739
19.	Procedure for Bid Submission	<p>1. Bids shall be submitted online.</p> <p>2. The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website http://www.apecurement.gov.in.</p> <p>Note: After tendering, all Bidders should submit the attested copies of the uploaded certificates along with original EMD to the Associate Director of Research, RARS, Tirupati on or before 11.02.2022 by 04.00 , failing which their tender will be summarily</p>

		<p>rejected.</p> <p>Transaction fee on e-Procurement Platform(Corpus fund): 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/-L.Prasanthi
Associate Director of Research
Regional Agricultural Research Station
TIRUPATI

**ACHARYA N.G.RANGA AGRICULTURAL UNIVERSITY
REGIONAL AGRICULTURAL RESEARCH STATION, TIRUPATI**



E-PROCUREMENT NOTICE

Tender Notice No. 104/Admn.IV/2017

Date:21.01.2022

E- Procurement tenders are invited from the manufacturers or their authorized dealers or reputed firms for Supply of “**Purchase of Equipment for RARS, Tirupati.**”

Details are as follows:-

1)	Tender document online opening date	24.01.2022,04.00PM
2)	Tender document download online closing date	07.02.2022,12.00PM
3)	Last date for Bid- Submission Online	07.02.2022,04.00PM
4)	Submission of all the uploaded documents (Hard Copies) at the Regional Agricultural Research Station, Tirupati on or before	11.02.2022,04.00PM

- Bidders shall have GST Registration (for details log on to www.aps.gov.in)
- For details visit www.apecurement.gov.in

For any clarification, please contact:

CONTACT: 0877-2248739

Sd/-L.Prasanthi
Associate Director of Research
Regional Agricultural Research Station
TIRUPATI

GENERAL TERMS AND CONDITIONS

1. Tenders will be accepted through on-line up to **07.02.2022 until 04.00 PM** by the Associate Director of Research, Regional Agricultural Research Station, Tirupati for the supply of Equipment for Regional Agricultural Research Station, Tirupati , 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.approcurement.gov.in>.
3. The tenders are invited **by Associate Director of Research, ANGRAU, Tirupati** for the supply of Equipment for RARS, Tirupati in **Annexure-I**.

ELIGIBILITY TO PARTICIPATE IN TENDERS

1. Manufacturers or their authorized Dealers or reputed firm sare 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 Director of Research, Regional Agricultural Research Station, Tirupati reserves the right to reject the tender of blacklisted companies and those of companies whose past performance with the Regional Agricultural Research Station, 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 is 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:

12.02.2022 at 02 .00 PM	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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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.apecurement.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. (2019-20 & 2020-21)
5.	E- V	Annual Turnover Assessment order for the preceding two years (2019-20 & 2020-21) certified by Commercial Tax Officer / Chartered Account
6.	E- VI	Copies of balance Sheet, Profit and loss Account for last two years i.e. (2019-20 & 2020-21) 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

Sl.No	Code No.	Name of the Document
11.	E- XI	Government Ownership Certificate, If applicable
12.	E- XII	List of service centers with contact details for each of the equipment

5. 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.
6. The Associate Director of Research, Regional Agricultural Research Station, Tirupati is “Not Responsible” for non-receipt of tenders or late uploading of tenders through online for any reason, what so ever.
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2. **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 of each page*) and then uploaded to the e-Procurement web site i.e., <https://tenders.approcurement.gov.in>.**

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Sl.No	Code No.	Name of the Document
		the equipment

3. The Tenderers are requested to submit the following for verification on or before **11.02.2022 until 04.00PM physically or by post**. The Associate Director of Research, Regional Agricultural Research Station, 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.

4. 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 Associate Director of Research, RARS, 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 Director of Research, Regional Agricultural Research Station, Tirupati written notice of acceptance of the Tender has been posted to him or them, deposit with the Associate Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, Tirupati.
2. Earnest Money of the unsuccessful Tenderer(s) shall be refunded on signing the agreement with the successful tenderers by the concerned component authority of ANGRAU, Guntur. No interest is payable by The Associate Director of Research, Regional Agricultural Research Station, Tirupati on such deposits.
3. The Earnest Money and Security money deposited by successful Tenderer(s) shall be retained by the Associate Director of Research, Regional Agricultural Research Station, 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 (2019-20 & 2020-21) 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 item 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 RARS, Station come to the notice at any time, during the course of Rate Contract for the rest of the Rate Contract period, the Associate Director of Research, Regional Agricultural Research, Station, 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 DIRECTOR OF RESEARCH, REGIONAL AGRICULTURAL RESEARCH STATION, 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 RARS, 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 Regional Agricultural Research Station, 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.

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 item 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 Director of Research, Regional Agricultural Research Station, 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 be deemed 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 Director of Research (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 Director of Research, Regional Agricultural Research Station, Tirupati. Such consent shall not however be withheld unreasonably. But the Tenderer(s) may without the consent of The Associate Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, Tirupati and all copies thereof shall be returned to the Associate Director of Research when their use is terminated. In no event the supplier(s) shall permit publicity concerning this contract without the prior consent of the Associate Director of Research, Regional Agricultural Research Station.
4. Any undertaking or commitment given by or made by any Officer or the Associate Director of Research 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station shall sign or countersign a certificate of inspection.

2. a) The supplier(s) shall supply to the Associate Director of Research, Regional Agricultural Research Station, 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 wise 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, Tirupati requires any changes in specifications the supplier(s) shall use his best endeavor to comply with The Associate Director of Research, Regional Agricultural Research Station, Tirupati's 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 Director of Research, Regional Agricultural Research Station, Tirupati changes for any reasons the Associate Director of Research, Regional Agricultural Research Station 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 Director of Research, Regional Agricultural Research Station, Tirupati agrees to accept delivery thereof at the contract price and terms.

5. 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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 Director of Research, Regional Agricultural Research Station, 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 DIRECTOR OF RESEARCH, REGIONAL AGRICULTURAL RESEARCH STATION, 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. 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 Director of Research, Regional Agricultural Research Station, 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.
2. 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.
3. 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/-L.Prasanthi
Associate Director of Research
Regional Agricultural Research Station
Tirupati

RKVY-RAFTAAR
Advanced centre for Agro climate Research and Weather Forecasting at RARS,
Tirupati.
ANNEXURE-I
(Technical Specifications)

LIST OF THE EQUIPMENT FOR ONLINE TENDERS

S.NO.	ITEM
1.	Weather Display Unit
2.	Micromet Tower (Additional requirements)
3.	Soil heat Flux sensor
4.	Net Radiometer
5.	Sonic Anemometer
6.	High end computer (workstation)
7.	Printer Cum Scanner
8.	High speed Internet
9.	Protective Fence (Lysimeter Fields)

WEATHER DISPLAY UNIT

Item Code	Specifications	Quantity / Unit / System / package
AACRC 01	<ul style="list-style-type: none"> a) Multi color Digital display board with cabinet size of 47.64 x 79.13 inches b) The display board should be covered with UV resistant and impact resistant LEXAN polycarbonate. c) Industrial grade SMPS d) P8 display e) Should have LAN connection f) Provide an application that can be installed in PC g) It should pick the data from the ASCII/TXT file and refresh. h) When LAN connectivity or the PC is offline - the LED board should show old data. i) Should have serial interface via RS232 or RS485. j) It should have protocol document that can read ASCII. k) Board should have required length of 5 mt. (or) more communication cable as per the requirement. l) PC software to send the data to LED board. m) Board should display multiple languages. n) Voltage : 230V o) Mounting should be provided depending on site of installation. <p>Quoted along with user list, manual for user application, warranty period and all other accessories required for the successful install, demonstration and functioning of the unit.</p>	01

MICROMET TOWER (ADDITIONAL REQUIREMENTS)

Item Code	Item	Specification	Qty.
AACRC 02	Remote Data analyser system in Laboratory for Micromet Tower	Intel Core i7 7700 7th Generation Processor / H110MC / 21.5" Monitor / 8GB DDR4 Ram/HD Graphics/Windows 10 Pro/MS Office / 1TB Hard Disk/DVD / WiFi	01
	Smart Digital Data display system for Micromet Tower	Display: 65 Inch (165.1 cm), LED, 4K, 3840x2160, WI-FI,Internet, 3 USB, 3 HDMI Port	
	UPS power system for Remote Data analysis system in Laboratory for Micromet Tower	UPS with necessary charging unit to be deployed at Laboratory for Remote Data analysis system in Laboratory, 2KV	
	Extended warranty per year for first two years after standard 1 year warranty for EC system after installation		

SOIL HEAT FLUX SENSOR

Item code	Specifications	Quantity
AACRC 04	<ul style="list-style-type: none"> • Temperature Range : -30° to +70°C • Plate Thickness : 0.20" (5 mm) • Plate Diameter : 3.1" (80 mm) • Weight : 7.05 oz (200 g) • Sensor : Thermopile with film heater • Measurement Range : $\pm 100 \text{ W m}^{-2}$ • Signal Range (nominal) : $\pm 5 \text{ mV}$ for $\pm 100 \text{ W m}^{-2}$ range, 0 to 2 V while film heater is powered • Thermal conductivity : $0.8 \text{ W m}^{-1}\text{K}^{-1}$ • Power consumption during Self calibration : 1.3W (108 mA @ 12 Vdc) • Sensitivity (nominal) : $67 \mu \text{ V W}^{-1} \text{ m}^{-2}$ • Sensor Resistance (nominal) : 2Ω • Heat resistance (nominal) : 100Ω • Current sensing Resistor : 100Ω, 1%, 0.25 W • Others : Quoted along with user list, manual for user application, warranty and all other accessories required for the successful install, demonstration and functioning of the instrument. 	1

NET RADIOMETER

Item code	Specifications	Quantity / Unit / System / package
AACRC 05	<ol style="list-style-type: none"> 1. Model : CNR-4 Net Radiometer (Kipp and Zonen) 2. Shortwave (SW) measurements : Incoming SW and reflected SW (WMO standard) 3. Longwave (LW) measurements : Downward LW and upward LW (WMO standard) 4. Number of signal outputs : 4 5. SW spectral range : 300 to 2800 nm 6. LW spectral range : 4.5 to 42 μm 7. Field of view (SW) : 180° for incoming & 170° or better for reflected radiation 8. Field of view (LW) : 180° for downward & 170° or better for upward radiation 9. Response time (95 %) : <20s 	01

	<p>10. Non-linearity (over full range) : < 1%</p> <p>11. Temperature dependence of sensitivity : < 5 % from -10 °C to +40 °C</p> <p>12. Sensitivity : 7 to 20 $\mu\text{V/W/m}^2$ or better in short-wave 5 to 10 $\mu\text{V/W/m}^2$ or better in long-wave</p> <p>13. Operating temperature : -40° C to +80 °C</p> <p>14. Accessories : Data Logger (Logbox-SD) Ventilation Unit Mounting Bracket Heater</p> <p>15. Quoted along with user list, manual for user application, warranty period etc.</p>	
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SONIC ANEMOMETER

Item Code	Specifications	Quantity
AACRC 10	<ul style="list-style-type: none"> • Speed Range : 0-10 m/s • Accuracy : ± 0.2 m/s • Resolution : 0.1 m/s • Direction: • Range : 0-360° • Accuracy : $\pm 2\%$ • Resolution : $\pm 1^\circ$ • Compass: • Accuracy : $\pm 2^\circ$ • Data logging facility : A suitable data logger with provision of memory sufficient to store average data of 1 sec. to 3 min. interval (selectable) for at least 6 months should be available. Provision to transfer data from data logger to a PC should be provided. It should have user friendly software control instruction / display pad for making changes. • Others : Quoted along with user list, manual for user application, warranty period and all other accessories required for the successful install, demonstration and functioning of the instrument. 	01

HIGH END COMPUTER (WORKSTATION)

Item Code	Specifications	Quantity
AACRC 11	<ul style="list-style-type: none"> • Processor : 2 x Intel Xeon Silver 4216 (16C/32T 2.1GHz 22MB) processor • Chipset : Intel C621 chipset • RAM : 256 GB ECC DDR4 2933 MHz RAM (Max 12DIMMs) • Controller : SATA3 (6Gbps) storage controller supports RAID 0, 1 & 10 • SSD : 1 x 512 GB Data centre Grade SSD • HDD(s) : 3 x 4 TB SATA enterprise HDD (system should support for at least 5 HDDs) • Graphics : Onboard Aspeed AST2500 BMC • GPU : 1 x Nvidia Quadro P1000 5GB GDDR5 GPU card. Provision for 1 more GPU card in future • Network : 2 x 1 Gb Rj 45 NIC Ports • Management : IPMI 2.0 with virtual media over LAN support • Exp. Slots : 4 x PCI-E 3.0 x 16 slots & 2 x PCI – E 3.0 x8 slots • Ports : 4 USB 3.0 & 1 x VGA • Chassis : Tower system – 5u • Power supply :1200W High efficiency Power supply • OS : Open source Linux (Ubuntu / cent OS) • Peripherals : 1 x 27” LED Monitor with wireless keyboard & Mouse • Warranty : 3 years comprehensive warranty (onsite / parts / labour) with demonstration and training 	01

PRINTER CUM SCANNER

Item Code	Specifications	Quantity / Unit / System / package
AACRC 12	Memory: 32 MB Interface : Hi-speed USB 2.0 Mobile print: support Monthly duty cycle : 10,000 pages Print speed: upto 30 ppm 2-sided print : Automatic Print Resolution : 600 x 600 dpi, HQ 1200 (2400 x 600 dpi) Warmup time (From sleep mode) : < 9 sec Copy speed : upto 30 cpm Copy resolution : 600 x 600 dpi Multi copy : Yes (upto 99) N-in-1 copying : Support Scan Resolution : Scanner glass: upto 600 x 2400 dpi / ADF:	01

	<p>upto 600 x 600 dpi; / enhanced: upto 19,200 x 19200 dpi. Media type: Standard paper tray – Plain paper, thin paper, recycled paper; ADF (Automatic Document Feeder) – Plain paper, Recycled paper Media capacity : 250-sheet standard Media sizes : Standard tray – A4, Letter, A5, A5 (Long edge), A6, Executive, Legal Paper output : 100 sheets Windows : Windows 10, 8, 8.1, 7 Macintosh: Mac OSX v10.2. and above Linux : CUPS, Ubuntu 18 & above Network : support Inbox Toner : 2600 pages Warranty period</p>	
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High Speed Internet

Item Code	Item	Description	Quantity
AACRC 13	High Speed Internet	<p>Laying of optical fiber cable to Advanced Centre for Agroclimatic Research & Weather Forecasting Building, Opp. Devlok, Zoo Park Road</p> <ul style="list-style-type: none"> • Laying of optical fibre cable (6mm 20Mbps capacity) for 300 mt. • Setting of optical device with router with rental charges for 12 months period • 4 U rack with 24 port gigabite switch (D-link) • Warranty period -2 yrs 	01

PROTECTIVE FENCE (LYSIMETER FIELDS)

Item Code	Specifications	Quantity / Unit / System / package
AACRC 14	<ul style="list-style-type: none"> • Earth work excavation for laying of Steel L-angles for protective fence - 42.55 cubic meters • Plain cement concrete (1:3:6) nominal mix using 20 mm size graded machine crushed hard granite metal (coarse aggregate – as per IS 383 – 1970 and IS 2386 part 1 to part 8) from approved quarry using concrete Mixer 10/7 cft (0.2 / 0.8 cubic meters) capacity including cost and conveyance of all materials like cement, fine aggregate (sand), coarse aggregate, water etc. to site including all charges for machine mixing, hire charges of concrete mixer, laying concrete in position, curing etc., & lift charges, and overheads & contractors profit for bed blocks & hold fasts for finished item of work. (APSS No.402) - 42.55 cubic meter • Providing 50 mm x 50 mm x 6 mm thick mild steel L-angles embedded upto 0.6 m into the concrete and 1.8 m above ground, including cost and conveyance of all materials to site, labour charges etc complete for finished item of work - 472.8 Rmt @ 4.5 kg/Rmt = 2128 kg • S/F in position G.I. Chain link mesh of size 2” x 2” x 8 gauge including stretching a mesh and erecting in position and tying and fixing to the L-angle fencing posts with necessary GI wire 8 gauge including cost and conveyance of all materials, labour charges etc. - 936.00 sqm 	01

Sd/-L.Prasanthi
Associate Director of Research
Regional Agricultural Research Station
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. (2019-20 & 2020-21)
5.	E- V	Annual Turnover Assessment order for the preceding two years 2019-20 & 2020-21 certified by Commercial Tax Officer / Chartered Account
6.	E- VI	Copies of balance Sheet, Profit and loss Account for last two years i.e. 2019-20 & 2020-21 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, REGIONAL AGRICULTURAL RESEARCH STATION, TIRUPATI
Inclusive of all taxes, duties, transportation, insurance, installation etc., as below.

<i>Sl. No.</i>	<i>Name of the item</i>	<i>No. of Units</i>	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.

Rates quoted should be marked clearly with main price and taken separately. Total price after taking all the actuals will be taken as financial q