



E-Tender Notice No: RU/ RUSA/RUC/ Dept of Botany/PG Lab./2025-26 Dated:16/12/2025

Tender document for supply and installation PG Lab equipments for Dept of Botany,
Rayalaseema University Kurnool

Start Downloading E-Tenders	:	18.12.2025; 04:00 PM
Last Date for Downloading E-Tenders	:	05.01.2026; 04:00 PM
Last Date for Receipt Of E-Tenders	:	05.01.2026; 05:00PM

Dates of opening of E-tenders

Technical Bid	:	06.01.2026; 11:00 AM
Financial Bid	:	06.01.2026; 03:00 PM

REGISTRAR

RAYALASEEMAUNIVERSITY::KURNOOL

NOTICE INVITING TENDER (Online version)

Sl.No.	Item	Description
1	Department Name	Rayalaseema University, Kurnool
2	FILE/R.O.C Number	E-Tender Notice No: RU/ RUSA/RUC/ Dept of Botany/PG Lab./2025-26 Dated:16/12/2025
3	Tender Subject	Tender document for supply and installation PG Lab equipments for Dept of Botany, Rayalaseema University Kurnool
4	Tender Type	e-Tender
5	Tender Category	Other
6	EMD Amount (INR)	3% on quoted price
7	EMD payable:	The Registrar, Rayalaseema University, Kurnool
8	BidDocumentFee	Rs.1,000 and payable online or DD to The Registrar, Rayalaseema University, Kurnool.
9	Bid Document Downloading Start Date	18.12.2025; 04:00PM
10	Bid Document Downloading End Date	05.01.2026; 04:00PM
11	Last Date & Time for Receipt of Bids	05.01.2026; 05:00PM
12	Technical Bid Opening Date and Time (Qualification & Eligibility Stage)	06.01.2026; 11:00AM
13	Price Bid Opening Date and Time (Financial Bid Stage)	06.01.2026; 03:00PM
14	Place of Tender Opening	Registrar's chamber, Rayalaseema University, Kurnool
15	Tender Inviting/Opening authority	Registrar, Rayalaseema University, Kurnool
16	E-mail id	registrarru@gmail.com
17	Contact Details/Telephone	9494410216
18	<u>Eligibility Criteria:</u> The bidder should possess and furnish all requisite documents, registrations etc., The bidder should possess Certificates like: 1. The bidder shall be a manufacturer or OEM authorization may be produced.	

2. Firm registration certificate from Registrar of companies/Societies/MSME.
3. Goods & Service Tax registration.
4. PAN Number of the firm/individual.
5. IT returns for recent year.
6. The bidder should have a cumulative turnover of at least Rs. 1 crore for the last 3 financial years.
7. The bidder should have executed similar nature of work worth of Rs. 1 lakh and above during last three financial years for any State or Central government institutions (must enclosed at least one work order)
8. The Bidder must submit an undertaking on its letter head that they have not been blacklisted by any State/Government/Central Government/PSU Department in India.
9. The bidder should furnish the Annexure-I providing compliance to the Technical Specification listed along with relevant brochure, certificate, etc. (Compliance Report should be enclosed with duly signed).

Note: - In case of non-submission of certificates, The Registrar, Rayalaseema University reserves the right to take any appropriate action including the cancellation of tender of the respective bidder. In this regard the decision of the Registrar, Rayalaseema University is final and binding on the bidders without any recourse.

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 <http://www.ap PROCUREMENT.gov.in>. The bidders who are desirous of participating in e-procurement shall submit their technical bids, financial bid as per the standard formats available at the e –market place. The bidders should scan and upload the below mentioned documents and submit all the hardcopies duly attested to the Registrar, Rayalaseema University on or before the schedule date and time of opening the technical bid.
3. Goods & Service Tax registration.
4. Pan Card of the firm/individual.
5. Income Tax paid receipts for the last year of the firm.
6. Firm registration certificate from Registrar of companies/Societies/MSME.
7. The Bidder must submit an undertaking on its letterhead that they have not been black listed by any State/Government/ Central Government/ PSU Department in India.
8. EMD of 3% on quoted price and should pay online

Note:-

- After tendering, all Bidders should submit the attested copies of the uploaded certificates as specified above to the Registrar, Rayalaseema University, Kurnool on or before the scheduled date and time of opening of Technical Bids.
- **Transaction fee on e-Procurement Platform:** All the participating bidders shall pay a transaction fee (non-refundable) as mentioned in the Notice Inviting Tender Payable to M/s APTS, Hyderabad and through online (0.03% of estimate contract

	<p>value + GST). It is mandatory for all the participant bidders from 1st January 2006 to pay a Non-refundable Transaction fee electronically to the Managing Director, A.P.T.S, Hyderabad 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 eProcurement Platform and the bids not authenticated by Digital certificate of the bidder will not be accepted on the eProcurement platform.</p>
20	<p>General Terms and Conditions: AS PUBLISHED IN THE NOTICE INVITINGTENDER.</p>

PROCEDURE FOR BID SUBMISSION ON e-Procurement PLATFORM (e-Tendering):

1. The bidder shall submit this response through Bid submission to the tender on e-Procurement platform at www.aeprocurement.gov.in by following the procedure given below. The bidder would be required to register on the e-procurement marketplace <http://www.aeprocurement.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.
2. The bidders shall submit their eligibility and qualification details, technical bid, financial bid etc., in the online standard formats displayed in e-Procurement 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 e-Procurement 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.
3. **Hardcopies:**
 - i) Attested copies of all original hard copies of the uploaded scanned copies by successful bidder must be submitted along with tender document to the tender inviting authority before scheduled date and time of the opening of the Technical bid.
 - ii) EMD payment slips should be closed
 - iii) The Uploaded documents and the Hard copies should be same.
 - iv) Rayalaseema University, Kurnool shall carry out the technical evaluation solely based on the uploaded certificates/documents in e-Procurement system and open the financial bids of the respective bidders after evaluation of technical bids.
 - v) The successful bidder shall invariably furnish the online transfer slip towards EMD, Certificates/Documents of the uploaded scan copies to the Tender Inviting Authority before entering the agreement, in person, the receipt of the same within the stipulated date shall be the responsibility of the successful bidder. Rayalaseema University will not take any responsibility for any delay in receipt/non-receipt of EMD, Certificates/Documents from the successful bidder after the stipulated time.

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

4. Tender Document:

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

5. Bid Submission Acknowledgement:

- (i) 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 Registrar, Rayalaseema University, Kurnool is not responsible for incomplete bid submission by users.
- (ii) **Tender Conditions for** Supply and installation PG Lab equipments for Dept of Botany, Rayalaseema University Kurnool
- (iii) Online(e-Tender) tenders are invited for Supply and installation PG Lab equipments for Dept of Botany, Rayalaseema University Kurnool
- (iv) The Registrar, Rayalaseema University, Kurnool, desires to have the tender in two bids i.e., (1) Technical bid and (2) Financial bid. All tenderers should submit the attested copies of all scanned and uploaded certificates to the Tender Inviting Authority on or before scheduled date and time of opening of the technical bid as mentioned in Tender Document. The financial bids of those tenderers who are technically qualified alone, will be opened on the date and time as mentioned in the Tender Document by The Registrar, Rayalaseema University, Kurnool or any other office authorized by The Registrar, Rayalaseema University, Kurnool. The University may extend the last date by issuing an amendment in which case all rights and obligations rest with the Registrar, Rayalaseema University, Kurnool and the tenderers previously subject to the original deadline will then be subjected to the new deadline. **Submission of Tender Documents on Off Line Will Not Be Considered.**
- v) **Performance Security Details:**
 - a) The successful tenderer will have to deposit the performance security valid for 39 Months in the form of DD / TDR / FDR / Bank Guarantee @03% of the total order value at the earliest from the date of issue of the award letter. No interest will be paid by Rayalaseema University, Kurnool on the deposit.
 - b) Performance Security will be refunded to the supplier, after it duly performs and completes the contract/warranty period in all respects.

c) Performance Security will be forfeited if the firm fails to perform/abide by any of the terms or conditions of the contract.

d) In case, the firm fails to execute the order successfully, within specified delivery period, the same goods/items will be procured from open market and the difference of cost, if any, will be recovered from Performance Security or from pending bill(s) of the defaulting firm or from both in case the recoverable amount exceeds the amount of Performance Security

vi) 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 e- Procurement platform before entering into agreement / issue of purchase orders, towards e-procurement fund in favour of Managing Director, APTS. There shall not be any charge towards e-Procurement fund in case of works, goods and services with ECV less than and upto Rs. 10 lakhs.

Note:-

1. The rate quoted should be inclusive of transportation, labor charges, etc. and inclusive of all taxes.
2. Supply and installation PG Lab equipments for Dept of Botany, Rayalaseema University Kurnool (**Annexures –I&II**).
3. **Delivery:** Delivery and Installation period will be 45 days from the date of signing of the contract. The delivery quoted will be firm, definite, unconditional and on the basis of receipt of materials at destination in good condition without any bearing on the procurement of raw materials or any similar pre requisites. The commencement date and date of delivery will be indicated. The preferred delivery time, which is the essence of this specification, is indicated in the schedule. Final deliveries are however, subject to confirmation at the time of contract. Delay in delivery of materials FADS (Free at destination store) due to non-availability of railway booking non-allotment of wagons and any such reasons will not be considered.
4. Negotiations will be made in case of necessity, with the lowest selected tenderers and in this regard the decision of Registrar, Rayalaseema University, Kurnool shall be final and binding on the suppliers without any recourse.
5. The tender inviting authority i.e., the Registrar reserves the right either to reject any or all tenders without assigning any reason. In this regard the decision of Registrar, Rayalaseema University, Kurnool is final and binding on the tenderer without any recourse. Further, it is to be clearly understood by both the parties that the tender is specifically accepted by the tenderer when the tenderer files the tender before The Registrar, Rayalaseema University, Kurnool. The acceptance or rejection of the tender by The Registrar, or methodology adopted by University in short listing the companies for providing service or supply of material/materials or etc., shall not

become a cause of action or ground to initiate any legal action before any Court or Courts of Law for obtaining any order, Injunction, Direction etc., from the Hon'ble court or Courts to stall the proceeding related to the processing of tender, execution of work and release of payment by Rayalaseema University, Kurnool.

6. The Registrar, Rayalaseema University, Kurnool reserves the right to accept or reject any tender and to cancel the tender process and reject all tenders at any time prior to the award of contract without there by incurring any liability to the affected tenderer or any obligations to inform the affected tenderers, the grounds of acceptance or rejection.
7. The Registrar, Rayalaseema University, Kurnool reserves the right to levy penalty as decided by the competent authority or withhold payment for any under quality material supplied by the tenderer without prejudice to its other rights. In this regard, the decision of Registrar shall be final.
8. The prices quoted shall be fixed from the date of submission of tender to the date of completion of the contract in all respects. ANY REQUESTS FOR REVISION IN THE RATE OR RATES BY THE SUPPLIER SHALL NOT BE ENTERTAINED DURING THE RATE CONTRACT PERIOD.
9. Penal claims on grounds of the supplier whatsoever like payment of interest on delayed payment of bills etc. shall not be acceptable to Rayalaseema University, Kurnool, or binding on the part of the Rayalaseema University, Kurnool.
10. SUB-CONTRACTING: The contract supply awarded should be executed by the successful Tenderer / bidder only and sub-contract of supply is not permitted.
11. Bids will remain valid for the period of Ninety (90) days from the date of bid opening prescribed by the purchaser.
12. The Supplier who applies for this tender has to furnish the declaration that they have not been blacklisted by any of the organizations / agencies. Any wrong declaration in this regard which comes to the notice at a later date will disqualify them from tendering in future in university and the tenders received shall be automatically rejected.
13. No supplier shall be allowed at anytime on any ground what so ever to claim revision or modification in the prices quoted by him, Conditions such as Subject to Availability Supplies will be made as and when supplies are received etc., will not be considered under any circumstances.
14. Any effort by a bidder to influence the purchaser in its decisions wait on bid evaluation, bid comparison, or contract award will result in the rejection of the Bidder's bid.
15. In the event of any legal dispute arising out of the tenders, such dispute would be subject to the jurisdiction of the civil courts at Kurnool District only.

Additional Tender conditions for Supply and installation PG Lab equipments for Dept of Botany, Rayalaseema University Kurnool

- a. The agency should have considerable and sufficient experience in “Supply and installation PG Lab equipments for Dept of Botany, Rayalaseema University Kurnool”
- b. **The agency should install the equipment and demonstrate the each and every experiment related to computer laboratory courses along with the equipment supplied.**
- c. **The additional equipment may be supplied if required in spite of stated equipment in Annexure I& II for conduction of experiments in the laboratory.**
- d. The agency should provide immediate and attentive service if required.
- e. Prices should be quoted inclusive of all taxes and transportation, labor charges etc.,
- f. Transportation and labor shall be arranged by the agency concerned. The agency shall wholly own the responsibility in the event of any leakages / damages / accident / natural disaster during transportation.
- g. **Penalty:** In case of default by successful bidder, the Registrar, Rayalaseema University, Kurnool has right to impose the penalties that may be deemed fit to recover from the bidder and amount equivalent to that incurred without prejudice to his other rights including the right to cancel the order without pre-notice.
- h. This University will release payment on satisfactory installation and after obtaining necessary certification from the designated authority.
- i. Rayalaseema University, Kurnool holds no responsibility for the delay in release of payment in the event of any audit objection(s).
- j. The technical specifications and configuration must be in accordance to the specifications stated in **Annexure I**.

Technical bids will be evaluated first. The financial bids of the successful technical bidders only will be evaluated for finalizing the bidders.

REGISTRAR

**RAYALASEEMA UNIVERSITY, KURNOOL
e-Tender Document to Rayalaseema University, Kurnool.**

Technical Specifications for Supply and installation PG Lab equipments for Dept of Botany,
Rayalaseema University Kurnool.

ANNEXURE-I

DEPARTMENT OF BOTANY

Sl.no	Name and Description of itmes	Qty	Compliance (yes/No)
1.	<p>Autoclave (Vertical)/ Inner S.S. & Outer S.S. (With Energy Regulator)</p> <p>Double wall construction with inner S.S., all these sheets are argon welded & outer chamber made of high quality S.S / M.S. sheet duly powder coated. Electrically heated by means of I.S.I. quality immersion heaters with working pressure 15 PSI. Hydraulically dye pressed Lid from S.S. Plate with, easy pedal lifting device, having pressure gauge, two Nos. safety valve, quick release coupling and handle with heater cover stand. Water level arrangement cut off buzzer system and S.S. perforated basket supplied along with unit on free of cost.</p> <p>Specs: Dia x Height:450 x 600mm K.W:4.0 Volume:90Ltr</p> <p>Optional Accessories: 1.Digital Temperature controller cum indicator (instead of Energy Regulator) 2.Digital Timer 3.Auto Pressure cut off system 4.Auto Vacuum Breaker 5.Auto Purging & Exhaust (Solinoid Valve) 6.Water level glass indicator</p>	1unit	
2.	<p>DEEP FREEZER – 20</p> <p>Temperature Range: 17°C to -22°C</p> <p>Capacity: 350 liters</p> <p>Vertical Model: BFS 350</p> <p>Single Solid Door</p> <p>No of Baskets/Shelves: 7</p> <p>Digital Temperature Display</p> <p>Dimensions in inches (WxDxH): 24x24x73</p> <p>With a Suitable V Guard Stabilizer</p>	1unit	
3.	<p>BIO SAFETY CABINET CLASS II TYPE B2</p> <p>bio safety cabinet Class II Type B2 biohazard safety cabinets provide personnel, product and environmental protection. This series of cabinets are referred to “total exhaust” a cabinet because the 100% contaminated air is exhausted to the atmosphere after HEPA filtrations without re-circulating in the cabinet. Bio safety cabinet 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 production. 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.</p>	1unit	

SPECIFICATIONS:

Cleanliness: ISO Class 5 as per ISO 14644-1

Cleanliness level: class 100

Direction of flow: vertical

Air balancing: 100 % exhaust & 0% re-circulation

Particle Retention: 0.3 Micron & above

Noise level: 65 decibel \pm 5

Pressure Differential: range 0-25mm magnehelic gauge

Velocity : 90 feet / minute \pm 20

U V Lamp : PHILIPS 3 FEET 30 WATTS

Illumination : LED

Other accessories : 5/15 amps power point, gas inlet & castor wheels

Power supply : 220V, single phase, 50Hz

Working table: Removable type tabletop, made of perforated 18 SWG thick

IS 304 grad Stainless steel with satin finish?

Working area: The entire working zone is lined with IS 304 grade stainless

Steel Material with coving on corners for easy cleaning.

Front sash: Made of clear 6mm thick polycarbonate sheet-vertical sliding while

Closing the door, UV lamp will be "off" automatically.

Side panels: Both the side walls are made from double layered outer GI & inner

Stainless steel with return-air plenum in between, edges are perforated

To avoid entry of room air in to the work zone and exit of contaminated Air in to the room and such contaminated air is sucked through this full height perforation at the edges of the sidewalls.

Hepa filter: Media Ultra clean glass fiber paper-imported

Type Mini- pleated constructions

Retention 0.3 micron

Efficiency 99.97%

Pressure drop 12 mm WG

PRE Filter: Media Non woven – synthetic polyester

Retention 10 micron

Efficiency 90%

Pressure drop 6 mm WG

Standard

Accessories: 1 No – 5/15A Additional power point, Gas inlet Nozzle, floor leveling screws, wire chord.

Note:

Biohazard Safety Cabinet will be dismantling type & can be re assembled at you with minimum skilled manpower

Minimum door size required at your factory W 0.9 Meter x H 2.0

Minimum 450 mm space required for blower service at rear and on the sides

Civil / electrical works of any nature will be of your scope

Scaffolding to be arranged by you for the installation of exhaust duct

SPECIAL FEATURES OF OUR BIO SAFETY CABINET:

- 1) Bio safety cabinet soft on/off switch.
- 2) Programmed by PLC.
- 3) Motor on & off states will be displayed.
- 4) Light on & off states will be displayed.
- 5) U.V lamp on & off states will displayed.

	6) U.V Lamp timer programmed in PLC (Hour meter added) Material of construction: GI sheet powder coated (Inner working area IS 304 Grade stainless steel sheet)		
4.	<p>HORIZONTAL LAMINAR AIRFLOW-HORIZONTAL: Horizontal laminar Airflow system allows operation in sterile and particle free conditions because the continuous flushing of the working area by a Unidirectional and horizontal and ultra-filtered airflow, it assures a full product protection. Cleanliness: ISO Class 5 /AS US-FED CLASS-100/as per ISO 14644-1 Direction of flow: HORIZONTAL Particle Retention: 0.3 Micron & above Noise level: 65 decibel ± 5 Velocity: 90 feet / minute ± 20 Pressure Differential: range 0-25mm manometer Front door: by 4 mm thick polycarbonate Work table: by IS 304 Grade Stainless steel surface U V Lamp: 3, feet, 30 watts, PHILIPS Illumination: LED Other accessories: 5 amps power point, gas inlet Power supply: 230V, single phase, 50Hz Hepa filter: Media Ultra clean glass fiber paper-Imported Type Mini- pleated constructions Retention 0.3 micron Efficiency 99.97% Pressure drop 12 mm WG PRE Filter: Media Non woven – synthetic polyester Retention 10 micron Efficiency 90% Pressure drop 6 mm WG Standard Accessories: 1 No – 5/15A Additional power point, Gas inlet Nozzle, floor leveling screws, wire chord. MATERIAL OF CONSTRUCTIONS: G I SHEET POWDER COATED Size: 4x2x2</p>	1 unit	
5.	<p>Laboratory Centrifuge (max. speed 6000 rpm) with brushless induction motor, frequency drive, LED display of speed and time, imbalance detector, dynamic brake, safety lid lock and rotor identification, supplied without rotors and accessories Centrifuge Specs: Max. Speed rpm:6000 Max.RCF g:5070 Max .capacity ml:400 Digital timer range min:0-99 Noise:<60db WXDXH mm:380x470x300 Optional Accessory's S 8-15-Swing out rotor suitable for 8 tubes of 15ml (supplied with glass tubes) S 6-50-Swing out rotor suitable for 6 tubes of 50ml (supplied with glass tubes)</p>	1 Unit	
6.	<p>HOT AIR OVEN - BOTTOM HEATED/(THERMOSTATIC) Hot Air Ovens are sturdy double walled units Inner chamber made of S.S./ Alu and outer made of Mild Steel with Powder coating. Gap between the walls filled with glass wool insulation to avoid heat losses. Temperature is controlled by thermostat. Temp. range</p>	1 unit	

	<p>50°C to 200°C and Accuracy: $\pm 1^\circ\text{C}$ Air Ventilations are placed on top of both sides to remove hot gases/fumes. Inner Chamber & Trays Stainless Steel</p> <p>Specs: Chamber Size (L x B x H):450x450x450mm No. of Trays: 2 Watts: 1000 Approx. Ltr: 95 Optional Accessories: 1.Micro processor based Digital Temperature Controller (Instead of thermostat) 2.Air Circulation Fan 3.Digital Timer</p>		
7.	<p>Orbital Shaking Incubator/Orbital Shaking Incubator With out Compressor</p> <p>Specially designed to have a combined advantage of closely controlled incubation/storage temperature with orbital shaking necessary for many laboratory uses like tissue cultures, fermentation studies, enzyme reactions, controlled purification, ageing tests, growth studies etc., Double wall construction, the exterior is made of MS duly powder coated and interior of SS. The door having glass window makes it possible to inspect specimen without disturbing the temperature. Powerful air circulator creates positive airflow through the Incubator Inn. Dimension [WxDxH]:- 470 X 470 X 650 mm</p> <p>Specs: Temp. Range Above Ambient: to 60°C Shaking speed:50-250RPM Platform size:360x360mm Capacity:16 flasksx250ml Optional Accessories: 1.Additional platform for each:- [100 ml x 25 Nos., 500ml x 9 Nos., 1000 x 4 Nos.] 2.Chamber illumination with fluorescent tube (2 Nos.) 3.Chamber illumination with ultra violet lamp (2 Nos.) 4.0-24 hrs Cyclic Timer for illumination 5.Automatic Voltage Stabilizer</p>	1unit	
8.	<p>Microscope(compound) All metal rugged stand with individual coarse & Fine focus drive with focus stop. Maintenance Free ECO LED illumination including Battery backup with regulating intensity control for 220V/50Hz, Movable Achromatic condenser 0.90 NA with aperture iris diaphragm, 115 x125 mm double plate mechanical stage with coaxial XY drive knobs, Quadruple revolving nosepiece, Achromatic objectives 4x,10x,10x (spring) 100X (spring, oilimm) 360° Rotatable 45° inclined Monocular head with widefield Eyepiece 10X/18 lockable,Dust cover complete set.</p>	4 units	
9.	<p>Digital pH Meter pH Range: 0 to 14.00 pH Millivolt Range: 0 to ± 1999 mV Slope Correction: 85% to 115% Resolution: 0.01 pH, 1 mV in mV mode Repeatability: ± 0.01 pH ± 1 digit for pH, ± 1 mV ± 1 digit for mV Standardization Range: ± 1 pH (Approx) Temperature Compensation: 0 to 100°C Dig. Display (Manual) Display: $3\frac{1}{2}$-Digit Red LED Seven Segment with automatic</p>	1unit	

	<p>polarity & decimal point Power: 230V \pm10% 50 Hz Dimension: 235(W) x 185(D) x 85(H) mm Weight: 1.25 Kg (Approx) Accessories: Combined Electrode, Stand & Clamp Optional Accessories: Pt. Electrode & Calomel Electrode for Potentiometric Titration</p>		
10.	<p>Mini centrifuge</p> <ul style="list-style-type: none"> • Brushless DC (BLDC) Motor • Settable speed (upto 6000 RPM) and time (upto 99 minutes). digital display can process upto 8 microtubes of 1.5/2ml at a time • Unique Closed rotor reduces friction to ensure better airflow. low heat generation & whisper quiet operation • Electronic brake for immediate stop on lid opening for user safety • Save time by doing quick runs by simple opening and closing the lid • User calibration facility • Carbon isolation feature (dust does not enter rotor chamber) • Replaceable strip rotor & adaptors for 0.2 ml & 0.4/0.5 ml microtubes <p>Specs: Rotor Capacity: 8 place closed rotor for 1.5/2.0ml microtubes Speed RPM / RCF (g): 6000/2000 g Digital Display: Yes Electronic Safety Brake: Yes Noise Level: \leq 55 dB Power Supply: Universal (95 to 230V, 50/60Hz) Dimensions (WxDxH) in mm: 162 x 157 X 115 mm Rubber suction pads: Yes Rotors and Adaptors (included in standard pack): 8 Slot x 1.5/2.0ml Closed Rotor PCR Strip Rotor (2 x 8 x 0.2 ml) Reduction Adaptors for 0.2 / 0.4 ml microtubes</p>	1unit	
11.	<p>Digital Spectrophotometer</p> <ul style="list-style-type: none"> • Wavelength Range: 340 to 960 nm • Wavelength Accuracy: +5 nm • Wavelength Readout: 5 nm • Wavelength Display: Dial • Spectral Bandwidth: 10 nm • Photometric Accuracy: +0.005 Abs at 1.000 Abs • Photometric Resolution: 0.1%T, 0.001 Abs • Photometric Readout: 4 digit Seven Segment LED • Grating: 600~lines/mm • Source: Tungsten halogen lamp • Detector: Wide Range Silicon Photodiode • Sample Holder: Single position 10 mm cuvette holder • Min. Sample Volume: 1 ml in 4 ml cuvette • Measuring Mode: Auto (a) % Transmittance, b) Absorbance, c) Concentration) • Power: 230V, \pm10%, 50Hz • Dimension: 420(W) X 310(D) X 125(H) mm 	1unit	

	<ul style="list-style-type: none"> • Weight: 6.5 Kg (Approx) • Accessories: Two Glass Cuvettes • Optional Accessories: Single Position 20/50 mm Cuvette Holder (Factory Installed) 		
12.	<p>Water Bath</p> <p>Temperature range: RT \pm 5°C ~ 99°C</p> <p>Temperature stability: \pm0.5°C</p> <p>Tracking alarm: \pm2°C</p> <p>Chamber volume: 15 Ltrs</p> <p>Interior Dimension (WxDxH, mm): 450x300x110</p> <p>Timing range: 1~999min</p> <p>Remark: Double lines six holes</p> <p>Electrical requirements: 220V, 50Hz, Single phase</p> <p>Power Consumption:1500W</p>	1unit	
13.	<p>Cooling Incubators-LED Version</p> <ul style="list-style-type: none"> • Temperature range 5°C to 60°C • Unique design of thermal barrier for better energy efficiency • Machine filled CFC free PUF insulation to eliminate void pockets • Powerful fan motor for forced air circulation to maintain uniform conditions inside chamber • Heating by long life SS tubular heaters • Chamber calibration port on side • Adjustable trays • Hermetically sealed Compressor with CFC free refrigerant • High temperature safety cut off & alarms for high / low set parameters • Sensor failure alarm • Electrical circuit breaker • Time delay for compressor switch on • Overload cut off relay for compressor • Rounded inner chamber for easy cleaning • Attractive door profile • Microprocessor controller with LED display of Temperature with set, process value & audio visual alarm (standard) • Weight carrying capacity of each tray: 15 Kg uniformly distributed. • Auto door closer. • Smart Handle with LED door closure indication. • Optional <ul style="list-style-type: none"> • 4" LCD display with additional features (Details overleaf) • Touch screen display (TFT) with additional features(Details overleaf) • Validation protocol with IQ, OQ, PQ Documentation • Port for calibration probes / safety back up <p>Specs: Internal Volume (Litres):200 Number of tray:2 Internal Dimensions W x D x H (mm): 660 x 655 x 450 External Dimensions W x D x H (mm): 800 x 1095 x 1020</p>	1unit	

	<p>Temperature Range & Accuracy: 5°C to 60°C, $\pm 0.5^\circ\text{C}$ Temperature control: Microprocessor with PT-100 sensor Display: 1" – 7 Segment, Big Size LED Power Failure Alarm: Visual Alarm Door Open Alarm: Audio Visual Alarm in case door open for over one minute Temperature Variation Alarm: Set Temperature $\pm 2^\circ\text{C}$, Audio Visual Alarm Illumination: 8 Watts Fluorescent Tube Internal Body Material: Stainless Steel – 304 grade (Standard Models), Stainless Steel – 316 grade (GMP Models) External Body Material: Powder Coated CRCA Steel (Standard Models), Stainless Steel – 304 grade (GMP Models) Insulation: 70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam Noise Level: Less than 65 db (A) Included Recommended Voltage Stabilizer: VS-02 Supply: 220-240 Volts, 50 Hz Single Phase.</p>		
14.	<p>Analytical Balance Capacity:220 g Minimum Display:0.001 g Pan Size: Approx. W100 x D100 mm Dimensions: Approx. W171 x D243 x H77 mm Weight: Approx. 2.2 kg</p>	1unit	
15.	<p>PCR Thermal cycler The 96-well T100 PCR thermal cycler offers an intuitive touch screen and reliable performance in a compact footprint.</p> <p>Features and Benefits of the T100 Thermal Cycler</p> <ul style="list-style-type: none"> • Intuitive touch screen — <u>easy programming</u> using a large color touch screen and intuitive interface • Consistent results — robust design ensures effective and consistent performance run to run • Easy optimization — this gradient thermal cycler allows fast PCR optimization using a unique <u>thermal gradient</u> • Easy protocol management — protocols can be organized using personalized folders or a USB flash drive • Small space-saving footprint — the T100 is a compact thermal cycler that fits in any laboratory <p>Specs:</p> <p>Sample capacity: 96 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate Maximum ramp rate, $^\circ\text{C}/\text{sec}$: 4 Average ramp rate, $^\circ\text{C}/\text{sec}$: 2.5 Temperature range: 4–100$^\circ\text{C}$ Temperature accuracy: $\pm 0.5^\circ\text{C}$ of programmed target Temperature uniformity: $\pm 0.5^\circ\text{C}$ well-to-well within 30 sec of arrival at target temperature Input power: 100–150 VAC, 50–60 Hz; 220–240 VAC, 50–60 Hz; 700 W maximum Display: 5.7" VGA color touch screen Port: 1 USB A Memory: 500 typical programs; unlimited with USB flash drive expansion Dimensions (W x D x H): 26 x 47 x 23 cm (10 x 18 x 9")</p>	1unit	

	<p>Weight: 9 kg (20 lb) Gradient:- Gradient range: 30–100°C Temperature differential range: 1–25°C</p>		
16.	<p>Any Ranges: 0.1-2ul 0.5-10ul 2-20 ul 5-50 10-100 20-200 100-1000 1000-5000 1000-10000</p>	4 units	
17.	<p>Hot Plate – Rectangular (With Energy Regulator)/M.S Top</p> <p>Heavy MS Body beautifully powder coated with SS or MS Top, fitted with Energy Regulator and Rotary Switch supplied complete with cord and plug to work on 220/230V AC (Temperature 250°C-300°C approx).</p> <p>Specs: Size:250mm x 300mm Watts: 2000</p>	4 units	
18.	<p>Vertical Dual Midi Gel System: Regular dual model gel size 2(16 x 14) cm, (HxW) for 26 samples</p> <p>EPS 500 Model ;0-500 V; 0-500 mA; Variable with timer ConstantCurrent ; Constant Voltage ; Digital display Catlog: 106857GB-12-02</p>	1unit	

RAYALASEEMAUNIVERSITY, KURNOOL
e-Tender Document to Rayalaseema University, Kurnool

ANNEXURE-II

Eligibility Criteria

1	Firm registration certificate from Registrar of companies/Societies/MSME	Mandatory
2	Goods & Service Tax registration	Mandatory
3	PAN Number of the firm/individual	Mandatory
4	IT returns for the recent financial year	Mandatory
5	Manufacturer / OEM Authorization Letter needs to be submitted for this specific tender and also authorizing the bidder to submit the bid for tendering which is deemed as an agreement in between the bidder and OEM for the support and Spares till the warrant period.	Mandatory
6	The bidder should furnished Annexure-I providing compliance to the Technical Specification listed along with relevant brochure, certificate etc.,(Compliance Report Should be enclosed with duly signed)	Mandatory
7	The bidder should have a cumulative turnover of at least Rs.1crore for the last 3 Financial years.	Mandatory
8	The bidder should have executed similar nature of work worth of Rs. 1 lakh and above during last three financial years for any State or Central government Institutions (must enclosed at least one work order)	Mandatory
9	The bidder should submit/give declaration stating that they are not debarred / blacklisted by any State Government, Central Government & State Govt. Undertakings/enterprises/Organizations and by any other Quasi Government Bodies / Organizations in India for non-satisfactory performance, corrupt & Fraudulent or any other unethical business practices during past 5financial years.	Mandatory

Signature of the bidder with full address,

Contact Number(s) and Mail ID
(To be signed by the authorized signatory)

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ANNEXURE-III
FINANCIAL BID

Name of the Bidder / Firm :

GST Number :

Sl.no	Name and Description of items	Unit Price	Qty	Amount	Total Price (including all taxes)
1.	Autoclave (Vertical)/ Inner S.S. & Outer S.S. (With Energy Regulator)		1unit		
2.	DEEP FREEZER – 20		1unit		
3.	BIO SAFETY CABINET CLASS II TYPE B2		1unit		
4.	HORIZONTAL LAMINAR AIRFLOW-HORIZONTAL		1unit		
5.	Centrifuge		1Unit		
6.	KEMI HOT AIR OVEN - BOTTOM HEATED/(THERMOSTATIC)		1unit		
7.	Orbital Shaking Incubator/Orbital Shaking Incubator With out Compressor		1unit		
8.	Microscope(compound)		4 units		
9.	Digital pH Meter		1unit		
10.	Mini centrifuge		1unit		
11.	Digital Spectrophotometer		1unit		
12.	Water Bath		1unit		
13.	Cooling Incubators-LED Version		1unit		
14.	Analytical Balance		1unit		
15.	PCR Thermal cycler		1unit		
16.	Micropipettes		4 units		
17.	Hot Plate – Rectangular (With Energy Regulator)/M.S Top		4 units		
18.	Vertical Dual Midi Gel System: Regular dual model gel size 2(16 x 14) cm, (HxW) for 26 samples		1unit		

- Prices inclusive of all taxes should be quoted.

Signature of the bidder with full address, Contact Number(s) and Mail ID
(To be signed by the authorized signatory)

E-TENDERLETTER

Date:

To

The Registrar
Rayalaseema University, Kurnool.

Ref:	Your tender Notice No.....Dated.....
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I/we have read the contents of the terms and conditions mentioned in your tender schedule and its enclosures and agree to abide by the same.

I/We hereby offer to supply the articles prescribed in the schedule (or such portion thereof as you may specify on the acceptance of tender) at the price given.

I/We agree to hold this offer open for a period of ninety days (90) from the date of acceptance of tender and shall be bound by communication of acceptance dispatched within a period of 15 days from the date of opening of tenders.

I/We have also examined the requisite specifications of the material to be supplied and my/our offer is to supply the required material in accordance with the requisite specifications.

I/We have carefully considered all terms and conditions sated in the tender documents and particulars regarding settlement of disputes and we have signed the same in token of consciously accepting the same and do hereby state that we accept them without any reservations and accordingly.

I/We quote the rate inclusive of all taxes, duties, transportation, insurance etc.

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.)

DECLARATION

1. I, _____ Son/Daughter/Wife of Sri _____ Proprietor / Director / Authorized Signatory of the Service Provider, mentioned above, am competent to sign this declaration and execute this tender document.
2. I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them
3. I hereby declare that the firm has not been blacklisted by any department /institution in the State Government/Central Government due to any reason
4. I hereby declare that the firm was not disqualified for any wrong declaration.
5. The information/documents furnished along with the above application are true and authentic to the best of my knowledge and brief. I/We am/are well aware of the fact that furnishing of any false information/fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law

Signature of Authorized Person

Date:

Full Name:

Place:

Seal: