



**SRI PADMAVATI MAHILA VISVAVIDYALAYAM
(WOMEN'S UNIVERSITY)**

Tirupati -517 502 (A.P.) India

Tender Notice No. R.O.C.NO. SPMVV/RWTP/F5/17

Dt. 14-07-17

TENDER NOTICE

Sealed tenders are invited from reputed manufactures / Suppliers / Firms for the Supply and installation of Equipment namely **LABORATORY SPRAY DRYER, ROTARY EVAPORATOR, SOLAR FOOD DRYER, FREEZE DRYER, UV-VIS-SPECTROPHOTOMETER, DIGITAL WEIGHING BALANCE READABILITY 0.1mg, REGRIGERATORS, AUTOVLAVE, HOT AIR OVEN, SOXHLET APPARATUS WITH GLASS FIT - 500ML, SOXHLET APPARATUS WITH GLASS FIT -1000ML** for Principal Investigator(Mobile no. 9494514648), Rural Women Technology Park in Cherlopalli Village, Chandragiri mandal, Tirupati, Chittoor District, Andhra Pradesh State, Department of Home science, SPMVV. The information regarding detailed specifications, terms and conditions may be obtained from our website www.spmvv.ac.in.

- | | |
|-------------------------------------|-----------------------------|
| a. Last date for receipt of Tenders | : 31.07.2017 till 3.00 P.M. |
| b. Date of opening of Tenders: | |
| Technical Bid | : 01.08.2017 at 11.00 A.M. |
| Financial Bid | : 01.08.2017 at 03.00 P.M. |

REGISTRAR

Note: The tender document can be downloaded from the website www.spmvv.ac.in and submitted along with demand draft for Rs. 1000 /- towards the cost of the tender application drawn in favour of The Registrar, Sri Padmavati Mahila Visva Vidyalayam, Tirupati and Rs.120/- towards drawn in favor of commercial Tax officer, Tirupati

Tenderer

Principal Investigator

Registrar

TECHNICAL BID

Issued to _____

Name of Work: Supply and installation of Equipment **LABORATORY SPRAY DRYER, ROTARY EVAPORATOR, SOLAR FOOD DRYER, FREEZE DRYER, UV-VIS-SPECTROPHOTOMETER, DIGITAL WEIGHING BALANCE READABILITY 0.1mg, REGRIGERATORS, AUTOVLAVE, HOT AIR OVEN, SOXHLET APPARATUS WITH GLASS FIT -500ML, SOXHLET APPARATUS WITH GLASS FIT -1000ML** for Principal Investigator, Rural Women Technology Park in Cherlopalli Village, Chandragiri mandal, Tirupati, Chittoor District, Andhra Pradesh State, Department of Home science, SPMVV.

EARNEST MONEY DEPOSIT DETAILS:

D.D.No. _____

Date _____

Rupees _____

Tenderer

Principal Investigator

Registrar

FOR OFFICE USE ONLY

Date of opening of tender :

Whether received in proper form:

Whether EMD paid : Yes/No

D.D details :

Amount Paid :

Opened by Signature _____

Name _____

Designation Stamp :

Tenderer

Principal Investigator

Registrar

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Tenderer

Principal Investigator

Registrar

Notice inviting tender

1. Sealed tenders are invited from manufacturers/authorised dealers of laboratory equipments of International/National standard in the prescribed tender form for supply and installation of Equipment **LABORATORY SPRAY DRYER, ROTARY EVAPORATOR, SOLAR FOOD DRYER, FREEZE DRYER, UV-VIS-SPECTROPHOTOMETER, DIGITAL WEIGHING BALANCE READABILITY 0.1mg, REGRIGERATORS, AUTOVLAVE, HOT AIR OVEN, SOXHLET APPARATUS WITH GLASS FIT -500ML, SOXHLET APPARATUS WITH GLASS FIT -1000ML** for Principal Investigator, Rural Women Technology Park in Cherlopalli Village, Chandragiri mandal, Tirupati, Chittoor District, Andhra Pradesh State, Department of Home science, SPMVV. The tender forms may be obtained from the premises of this office.
2. The tender document can be obtained from the office of the Department, Home science in Sri Padmavati Mahila Visvavidyalayam , Tirupati duly paying the cost of tenders Rs 1000/- in the form of Demand Draft drawn in any schedule bank in favor of the **Registrar, Sri Padmavati Mahila Visvavidyalayam , Tirupati** and Rs 120/- towards sales tax in favor of the Commercial Tax officer, Tirupati.
3. The cost of Tender documents will not be refundable under any circumstances.

The dates relating to “Tender for Supply and installation of Equipments **LABORATORY SPRAY DRYER, ROTARY EVAPORATOR, SOLAR FOOD DRYER, FREEZE DRYER, UV-VIS-SPECTROPHOTOMETER, DIGITAL WEIGHING BALANCE READABILITY 0.1mg, REGRIGERATORS, AUTOVLAVE, HOT AIR OVEN, SOXHLET APPARATUS WITH GLASS FIT - 500ML, SOXHLET APPARATUS WITH GLASS FIT -1000ML** for Principal Investigator, Rural Women Technology Park in Cherlopalli Village, Chandragiri mandal, Tirupati, Chittoor District, Andhra Pradesh State, Department of Home science, SPMVV.

a. Last date for receipt of Tenders	: 31.07.2017 till 3.00 P.M.
b. Date of opening of Tenders:	
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4. The time of actual receipt in the office only will count for the acceptance of the bid and either the date of bid, date stamp of post office or date stamp of any other office will not count. The Sri Padmavati Mahila Visvavidyalayam, Tirupati will not be responsible for any postal or any other transit delays.
5. Telegraphic quotations will not be entertained under any circumstances. Clarification, amplifications, and/or any other correspondence from the Bidder subsequent to the opening of bid will not be entertained. The Bidders are advised to ensure that their bids are sent in complete shape at the first instance itself.
6. The tenderers are required to submit tender document in sealed envelope super scribed **“Supply and installation of Equipment namely LABORATORY SPRAY DRYER, ROTARY EVAPORATOR, SOLAR FOOD DRYER, FREEZE DRYER, UV-VIS-SPECTROPHOTOMETER, DIGITAL WEIGHING BALANCE READABILITY 0.1mg, REGRIGERATORS, AUTOVLAVE, HOT AIR OVEN, SOXHLET APPARATUS WITH GLASS FIT -500ML, SOXHLET APPARATUS WITH GLASS FIT -1000ML** for Rural Women Technology Park in Cherlopalli Village, Chandragiri mandal, Tirupati, Chittoor District, Andhra Pradesh State. If the envelope is not sealed and marked as required above, the purchaser will assume no responsibility for the bid’s misplacement or premature opening.
7. The purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in which case all rights and obligations of the purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
8. Any bid received by the purchaser after the deadline for submission of bids prescribed by the purchaser will be rejected and returned unopened to the Bidder.

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EARNEST MONEY DEPOSIT (E.M.D)

- a. The bidder will furnish, as part of its bid, a E.M.D amount of **1%** of the total supply value of the materials offered against the bid. This amount should be paid by way of a crossed demand draft drawn on any schedule bank in favour of the Registrar, Sri Padmavati Mahila Visvavidyalayam, Tirupati and payable at headquarters of the purchaser i.e., Tirupati. The crossed DD should invariably be furnished along with the bids. The tenders with partial E.M.D are summarily rejected.
- b. The fact of having enclosed E.M.D by DD along with the bid should be clearly superscripted on the bid envelope.
Bids which do not have the above superscription, will be rejected and returned to the respective bidders unopened.
- c. Submission of E.M.D by way of cheque, cash, money order, cash deposit will not be accepted and will be considered as disqualification.
- d. Requests for exemption from payment of E.M.D will not be entertained in any case.
- e. The Unsuccessful Bidder's E.M.D will be discharged or returned as promptly as possible as but not later than thirty (30) days after the expiration of the period of bid validity prescribed by the purchaser.
- f. The successful Bidders' E.M.D will be retained as Performance Security Deposit valid for 60 days beyond the completion of all contractual obligation of the supplier including warranty period.

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9. The bidder will furnish photocopies of the following documents duly attested by Gazetted Officer along with the Technical Bid, failing which their bids shall be summarily/out rightly rejected and will not be considered any further:
- a. Copy of Valid Manufacturing License from the component authority/valid Import License.
 - b. Sole manufacturer of equipment certificate if applicable.
 - c. Valid authorization letter from the manufacturer in case of stockiest/distributors.
 - d. Copy of the IT return filed
 - e. Copy of sales Tax (VAT) Registration Certificate.
 - f. Copy of latest Tax clearance Certificate
 - g. Pan No. (Attach attested copy)
 - h. Copy of the certificate of BIS/ISO/WHO (Wherever applicable)
 - i. Details of previous supplies as per tender document
 - j. Copies of previous supply orders in support of above
10. The declaration in the prescribed proforma given in this tender document should be duly filled in, signed and submitted along with the technical bid. The above declaration, along with a copy of the terms and conditions, duly signed and sealed in each page, by the authorized signatory of the agency in token of acceptance of the terms and conditions should be enclosed with tender document.
11. The conditional bids shall not be considered and will be out rightly rejected in the very first instance.
12. All entries in the tender form should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached. No overwriting is permitted. However the corrections, if any, in the Technical Bid Application must be signed by the person authorized to sign the tender bids.

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13. Opening of Bids by the Purchaser

- a. The Tender Document shall be opened on Technical Bid **01-08- 2017** at **11.00 A.M.** Financial Bid **01.08.2017 @ 3.00 P.M.** in the Office of the Registrar, Sri Padmavati Mahila Visvavidyalayam, Tirupati, in the presence of the representatives of the participant Bidder, if any, who wish to be present on the spot at that time. The financial bid would be opened after scrutiny of Technical Bid.
- b. The Bidder's names, bid modifications or with-drawls, bid prices, discounts, and the presence or absence of requisite E.M.D. and such other details as the purchaser, at its discretion, may consider appropriate, will be announced at the opening.
- c. Bids that are not opened and read out at bid opening will not be considered further for evaluation, irrespective of the circumstances.

14. Clarification of Bids

- a. During evaluation of the bids, the purchaser may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response will be in writing, and no change in the prices or substance of the bid will be sought, offered, or permitted.

15. Preliminary Examination

- a. The purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- b. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail, and the total price will be corrected. If the supplier does not accept the correction of the errors, its bid will be rejected, and its E.M.D may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail. If the supplier does not accept the correction of the errors, its bid will be rejected and its E.M.D may be forfeited.

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- c. The purchaser may waive any minor informality, nonconformity, or irregularity in bid which does not constitute a material deviation, provided such waiver doesn't prejudice or affect the relative ranking of any bidder.
- d. Prior to the detailed evaluation, the purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning E.M.D, and Taxes and Duties will be deemed to be a material deviation. The purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- e. If a bid is not substantially responsive, it will be rejected by the purchaser and may not subsequently be made responsive by the bidder by correction of the nonconformity.

f. Evaluation and Comparison of Bids

- a. The purchaser will evaluate and compare the bids, which have been determined to be substantially responsive.
- b. The purchaser's evaluation of a bid will take into consideration one or more of the following factors.

All the bids, which are opened, read out and considered for evaluation, will be checked for qualification requirements in respect of the technical and commercial aspects. Such of the bids, which do not meet the qualification requirements, will not be evaluated further. The bid is to be checked for its conformity to the technical specification. If it does not meet the technical specification, the Bid will not be evaluated further. However, if in the opinion of the purchaser the bidder has offered equipment/material better than the technical specification the same may be considered. The bid may be rejected for the following reasons:

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1. Not in the prescribed form
 2. Insufficient E.M.D or bid not accompanied by the required E.M.D.
 3. Bids not properly signed
 4. The bidder is a vendor who is banned from further business transactions and the period of ban is still in force.
 5. Bid received after the due date and time.
 6. The bid is through telegram or fax.
- Further, the purchaser may enquire from the bidder in writing for any clarification of the bid. The response of the bidder will also be in writing. However no change in the prices or substance of the bid will be sought, offered or permitted.
 - Bids will be examined for completeness and for any computational errors.
 - Arithmetical errors will be rectified on the following basis.
 - ☞ Where there is a discrepancy between the unit price and total price, the unit price will prevail and the total price will be corrected accordingly.
 - ☞ Where there is a discrepancy between words and figures, the amount in words will prevail.
 - ☞ If the bidder does not attest any overwriting in the price column such Bids will be rejected.
 - ☞ Failure on the part of the bidder to agree to the above corrections will result in rejection of his offer and forfeiture of his E.M.D.
 - It will be ensured that the required sureties have been furnished and that the documents have been properly signed.

In addition the purchaser's evaluation of a bid will take into account the net landed cost of the material at the final destination. For the purpose of evaluation net landed cost is arrived at by adding all elements of the basic price, allowable discount, CST/VAT ,excise duty & any other levies, packing and forwarding, freight charges, insurance (transit & storage) as quoted by the bidder, interest on advance if any, unloading at final destination, erection, servicing and other charges as called for.

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In addition any variation up or down in taxes and duties/new levies introduced subsequent to bid opening and before award will be considered for comparison purposes.

The following criteria may be adopted for taxes and duties for evaluation.

- a) It is the responsibility of the bidder to quote all taxes and duties correctly. Where taxes and duties are not applicable the bidder should and the documentary evidence to that effect will be enclosed by the supplier.
- b) Where there is an exemption of Excise Duties, APVAT or CST the documentary evidence to that effect will be enclosed by the supplier.
- c) The bidders for supply and works shall invariably possess the TIN Number and PAN Number for the bids above this must be verified before entering into contract.
- d) Prior to detailed evaluation, the responsiveness of each bid will be determined. A substantially responsive bid is one that conforms to all the terms and conditions of the bidding documents without materials deviations. For this purpose superscription, qualification requirement, E.M.D, validity, delivery, payment term, price schedule, taxes and duties will be deemed to be the critical provisions and deviations in any one of these items will be deemed to be a material deviation.

The purchaser may waive any minor informality, non-conformity or irregularity in the bid which does not constitute a material deviation, provided such waiver does not affect the relative ranking of any bidder. The purchaser will clearly indicate in the bid specification the methodology for evaluation of bids.

- a) Bid price, which will include all, costs of manufacture and services at manufacturing places as well as, Transportation to destination stores, packing and forwarding, insurance and all taxes and other legally permissible duties & levies payable.
- b) Delivery schedule offered in the bid.
- c) Deviations in payment schedule from that specified in the general terms and conditions of the contract.
- d) The cost of components, mandatory spare parts, and service.
- e) The availability of spare parts and after-sales services for the equipment offered in the Bid;
- f) The projected operating and maintenance costs during the life of the equipment.
- g) The performance and productivity of the equipment offered; and/or
- h) Other specific criteria indicated in the Bid specification.

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17. The purchaser's evaluation of a bid will take into account the Net Landed Cost of the material at destination stores inclusive of all taxes and duties quoted by the Bidder. It is the responsibility of the bidder to quote the rate with all taxes and duties correctly.

- i. If any overwriting is not attested by the bidder in the price schedule such Bids will be rejected. Any statutory variations of taxes and duties and new levies imposed after opening of the bid and before award of the contract will be taken into consideration for the purpose of evaluation.
- ii. A substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. For this purpose superscription, qualification requirement, E.M.D, validity, delivery, payment term, price schedule, submission of type test certificates (as per Clause 4 section-IV), taxes and duties will be deemed to the critical provisions and deviations in any one of these things will be deemed to be a material deviation.

18. Contacting the Purchaser.

- a. From the time of the opening to the time of contract award, if any Bidder wishes to contact the purchaser on any matter related to the bid, it should do so in writing.
- b. Any effort by a bidder to influence the purchaser in its decisions on bid evaluation, bid comparison, or contract award will result in the rejection of the Bidder's bid.

AWARD OF CONTRACT

19. Award Criteria :

The Purchaser will award the contract to the successful Bidder/Bidders whose bid has/have been determined to be substantially responsive.

20. Purchaser's Right to Vary Quantities at the time of Award

- a. The purchaser reserves the right at the time of contract award to increase or decrease the quantity of materials/equipment and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.
- b. The purchaser reserves the right to vary the ordered quantity during the execution of the contract.

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21. Purchaser's right to accept any bid and to reject any or all Bids

- a. The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders.

22. Notification of Award

1. Prior to the expiration of the period of bid validity, the purchaser will notify the successful bidder in writing by registered letter or by cable, to be confirmed in writing by registered letter, that its bid has been accepted.
2. The notification of award will constitute the formation of the contract.
3. Upon the successful Bidder's furnishing of the performance security, the purchaser enters into contract with successful Bidder/Bidders. The purchaser will notify each unsuccessful Bidder and will discharge its E.M.D.

23. Signing of contract

The Purchaser notifies the successful Bidder that its bid has been accepted. Within 15 days (fifteen days) of receipt of notification of award of contract, the successful Bidder will sign and date the contract. Failure to comply with this stipulation will entail cancellation of the contract besides forfeiture of the E.M.D.

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24. Performance Security

- a) Within fifteen(15) days of receipt of the notification of Contract award, the successful Bidder will furnish to the purchaser the performance security for an amount of 4% of the contract value for proper fulfillment of the contract, which will include the warranty period, and completion of performance obligations including warranty obligations. The performance security will cover 6 Months beyond the date of completion of performance obligations including warranty obligations.
- b) The proceeds of the performance security will be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract.
- c) The performance security will be
 - a) A bank guarantee issued by a scheduled bank acceptable to the purchaser, in the form provided in the bidding documents.
 - b) A banker's cheque or crossed DD or Pay order payable at the head quarter of the purchaser i.e., Tirupati in favour of the Purchaser i.e., the Registrar, Sri Padmavati Mahila Visvavidyalayam , Tirupati drawn on any scheduled bank.
- d) The performance security will be discharged by the purchaser and returned to the supplier not later than sixty (60) days after the expiry date.

Failure of the successful Bidder to comply with the above requirement will entail cancellation of the award and forfeiture of the E.M.D.

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TERMS AND CONDITIONS

25. The successful bidder will have to supply, install, test and commission the equipments within 30 days from the date of placing the order at place specified by the Principal Investigator, Rural Women Technology Park in Cherlopalli Village, Chandragiri mandal, Tirupati, Chittoor District, Andhra Pradesh State, Department of Home science, SPMVV, Tirupati.

26 .The bid prepared by the Bidder including all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, will be in English only.

27. The prices quoted will be inclusive of inland transportation, packing and forwarding, Excise duty, APVAT/CST and other legally permissible duties and levies wherever applicable, handling charges to cover the transport by road from destination railway station to site/stores, unloading at destination and insurance (transit and storage at site for 45 days) and incidental other local costs like Unloading at destination in Sri Padmavati Mahila Visvavidyalayam, Tirupati.

28. It is the responsibility of the Bidder to inform himself of the correct rates of duties and taxes leviable on the materials at the time of bidding.

29. The Bidder will indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the materials/equipment it proposes to supply under the contract.

30.Taxes and Duties

- a) Bidder will be entirely responsible for quoting the correct taxes and duties, other local taxes or levies if any, license fees, etc., he has to incur until completion of the contract. For the purpose of evaluation the bidder should include the Excise Duty, Cess, APVAT or CST and any other taxes and levies payable to the quoted rate
- b) If any exemptions on taxes and duties, shall furnish proof of exemption certificate.

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- C) If the rates of statutory levies assumed by the bidder are less than the actual rates prevailing at the time of bidding, the purchaser will not be responsible for such errors. If the rates of statutory levies assumed by the Bidder are later proved to be higher than the actual/correct rates prevailing at the time of bidding, the difference will be passed on to the credit of the purchaser.

31. Bid Currencies

Prices will be quoted in Indian Rupees; and will be paid in Indian Rupees only.

32. The E.M.D may be forfeited

(a) If a Bidder

- i. Withdraws its bid or alters its prices during the period of bid validity.
- ii. Does not accept the correction of errors pursuant to **clause No. 16.2** or
- iii. Offers post Bid rebates, revision or deviations in quoted prices and/ or conditions or any such offers which will give a benefit to the Bidder over others will not only be rejected outright but the original Bid itself will get disqualified on this account and the Bidder's E.M.D will be forfeited.

(b) In the case of a successful Bidder, if the Bidder fails:

- i. To sign the contract in accordance with clause No.24
- ii. To furnish performance security in accordance with clause No. 25.

In cases where the Bid cover contains superscription of having furnished E.M.D by way of DD but if the same is not found within, such Bids will be rejected and bidder will run the risk of being banned.

33. Bids will remain valid for the period of **Ninety (90) days** from the date of bid opening prescribed by the purchaser. A bid valid for a shorter period will be rejected.

34. In exceptional circumstances, the purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses there to will be made in writing (or by cable). The E.M.D provided under clause No. 10 will also be suitably extended. A Bidder may refuse the request without forfeiting its Bids Security.

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35.The payment will be release only after successful supply & Installation of Equipment.

36.No Advance Payment.

37. After completion of the contractual obligations, including supply / installation / integration and commissioning of the items, the successful bidder shall raise the bills, in triplicate.

38.Details / specifications of items required are given in the tender document. The tenderers are required to submit tender document in sealed envelope super scribed “**supply and installation of Equipment for Rural Woman Technology Park**”

39. Documents Establishing materials/ equipment conformity to Bidding documents

The Bidder will furnish as part of its bid, documents establishing conformity to the bidding documents of all materials/equipment and services, which the Bidder proposes to supply under the contract.

- a) The documentary evidence of conformity of the materials/equipment and the services to bidding documents may be in the form of literature, drawings, and data, and will consist of :
- b) A detailed description of the essential technical and performance characteristics of the materials/equipment.
- c) The bidder should specifically mention about furnishing the test certificates and a specimen form of test certificate should be furnished along with the bid.
- d) A list giving full particulars, including available sources and current prices of spare parts, special tools etc., necessary for the proper and continuing functioning of the materials/equipment following commencement of the use of the materials/ equipment by the purchaser; and
- e) An item-by-item commentary on the purchaser’s Technical specifications demonstrating substantial responsive-ness of the materials/equipment and services to those specifications, or a statement of deviations and exceptions to the provisions of the technical specifications.

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For purpose of the commentary to be furnished pursuant to above, the Bidder will note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

40. Tax Clearance certificates

Copies of Income Tax, Sales Tax and Turnover Tax certificates for the latest period from the appropriate authority will invariably be enclosed to the bid in the case of proprietary or partnership for it will be necessary to produce the copy of the partner ship deed.

41. The declaration in the prescribed proforma as given in this tender document should be submitted along with the tender document.
42. The tender document should be accompanied by an Earnest Money Deposit (EMD) of an amount equal to 1% of Supply value includes all taxes , freight charges , installation charges etc., in the form of Demand Draft/Pay order drawn in any schedule bank in favour of the Registrar, Sri Padmavati Mahila Visvavidyalayam, Tirupati payable at Tirupati. The EMD should be valid for a period of 6 months from the date of issue of the bid invitation. In the absence of EMD, the tender shall be rejected summarily. The earnest money shall be refunded to the unsuccessful bidders on or before the 30th day after the award of contract.
43. The above EMD of 1% of total value of supply of the successful tenderer shall be Retained as Performance Security Deposit valid for 60 days beyond the completion of all contractual obligation of the supplier including warranty period.
44. All entries in the tender forms should be legible and filled clearly. Any cutting in the Bid Application must be signed by the authorized signatory.
45. The Bidder is expected to examine all instructions, forms, terms and Technical specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not responsive to the bidding documents in every respect will be at Bidder's risk and may result in the rejection of its bid.

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46. Tender incomplete in any form are liable to be rejected outright.

47. Clarification of Bidding Documents : A prospective Bidder requiring any clarification of the bidding documents may notify the purchaser in writing or by cable (hereinafter, the term cable is deemed to include telex and fax) **at the** Principal Investigator, Rural Women Technology Park in Cherlopalli Village, Chandragiri mandal, Tirupati, Chittoor District, Andhra Pradesh State, Department of Home science, SPMVV address. The Purchaser will respond in writing to any request for clarification of the bidding documents, which it receives no later than fifteen (15) days prior to the deadline for the submission of bids.

48. Amendment to Bidding Documents

4. At any time prior to the deadline for submission of bids, the purchaser, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.
5. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the purchaser, at its discretion, may extend the deadline for the submission of bids.

49. Conditional or incomplete bids will be rejected outright.

50. The closing date and time for receipt of tenders will **31/7/17 at 3.00 P.M.** Bids received after the specified date and time for receipt of would not be entertained and will be rejected outright.

51. No bidder will be allowed to withdraw after submission of the bids; otherwise the EMD submitted by the bidding firm would stand forfeited.

52. The tender document shall be opened at **01/08/17 at 3.00 P.M** in the presence of the authorized representatives of the Firms, who wish to be present at that time.

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53. In case the successful bidder declines the offer of contract, for whatsoever reason(s), the EMD submitted by the successful bidder would stand forfeited. In case the successful bidder fails to render the required services, this office will have full authority to cancel the order and forfeit the performance security. In case of breach of any terms and conditions attached to this contract, the Performance Security Deposit of the agency will be liable to be forfeited by Sri Padmavati Mahila Visvavidyalayam, Tirupati besides annulment of the contract.

54. In case of any manufacturing defect or damage during transit/Installation, the item component should be replaced with a new set, without any extra charges for the same.

55. Sri Padmavati Mahila Visvavidyalayam, Tirupati Reserves right to withdraw/relax any of the terms and condition mentioned above so as to overcome any problem that may arise at a later stage.

56. The items should be under warranty for a minimum period of **Thirty six months** from the date of supply of the items.

57. The bidder should indicate the time required for delivery / installation/ integration of the items.

58. In case the successful bidder fails to supply /Install the item(s), within the time as specified in the bid form, this office will have full authority to cancel the order and forfeit the performance surety amount.

59. In case of breach of any terms and conditions attached to this contract, the Performance Surety Amount of the agency will be liable to be forfeited by this office besides annulment of the contract.

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60. PAN Number and or other tax registration numbers should be printed on the bills raised by the successful bidder.

61. The competent authority of Sri Padmavati Mahila Visvavidyalayam, Tirupati reserves right to withdraw/relax any of the terms and condition mentioned above so as to overcome any problem that may arise at a later stage.

62. Sri Padmavati Mahila Visvavidyalayam, Tirupati / The Member Secretary, reserves full authority to cancel, rejects, any / all offers, without giving any reason. The decision of Member Secretary shall be final in this regard

63. Delivery

Delivery period will be reckoned 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 prerequisites. 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 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. It is the responsibility of the supplier to make alternative arrangements for transporting the materials by road or rail so as to see that the material reaches the destination within the stipulated period. The purchaser reserves its right to defer the delivery date at any time after orders are placed without any change in the conclusion of contract other condition supply. The delivery period, which will be reckoned from the date of the contract, will be guaranteed under penalty as in clause 73.

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64. Name Plate :

Equipment should be provided with name plate giving full details of manufacture, capacities and other details as specified in the relevant ISS or other specification stipulated. The P.O. No. and date, year of supply, period of warranty must be etched on the name plate.

65. Packing

The Supplier will provide such packing of the materials/ equipment as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing will be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights will take into consideration, where appropriate, the remoteness of the materials/equipment final destination and the absence of heavy handling facilities at all points in transit.

66. Delivery Documents

- a. Delivery of the materials/equipment will be made by the supplier in accordance with the terms specified in the contract.
- b. The latest test certificates containing the result of the tests as per the relevant ISS or other specification stipulated must be submitted to the Chief General Manager and got approved by him.
- c. Documents to be submitted by the supplier are specified as under
 - (i) Insurance certificate.
 - (ii) Supplier's certificate certifying that the defects if any pointed out during inspection have been rectified.
 - (iii) Manuals of equipment.

The purchaser will receive the above documents soon after the dispatch of materials and if not received, the supplier will be responsible for any consequent expenses.

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67. Insurance

- a. The materials/equipment will be fully insured against loss or damage incidental to manufacturer or acquisition, transport, storage and delivery in the manner specified in the contract and also storage for 45 days at the destination site or stores before taking into stock
- b. The Supplier is required under the Contract to transport the materials/ equipment to a specified place of destination, transport to such place of destination, including insurance and storage, will be arranged by the supplier, and the related costs will be included in the contract price only.

68. Incidental Services

The Supplier may be required to provide any or all of the following services, including additional services, if any

- a) Performance or supervision of on-site assembly and/or start-up of the supplied materials/equipment.
- b) Furnishing of tools required for assembly and/or maintenance of the supplied materials/equipment ;
- c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied materials/equipment.
- d) Performance or supervision or maintenance and/or repair of the supplied materials/equipment, during warranty period, provided that this service will not relieve the supplier of any warranty obligations under this contract ; and
- e) Training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, startup, operation, maintenance, and/or repair of the supplied materials/equipment.

69. Spare Parts

The supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier.

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- a) Such spare parts as the purchaser may choose to purchase from the supplier, provided that this selection will not relieve the supplier of any warranty obligations under the contract; and
- b) In the event of termination of production of the spare parts;
- c) Advance notification to the purchaser of the impending termination.
- d) Time to permit the purchase to procure needed requirement; and following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts; if requested.

70.Warranty

- a. The supplier will warrant for the satisfactory functioning of the material/ equipment as per specification **for a minimum period of 36 months** from the date of receipt of the material/equipment in good condition.
- b. The Supplier warrants that the materials/equipment supplied under the contract are new, unused, of the most recent or, current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all materials/equipment supplied under this contract will have no defect, arising from a design and/or materials as required by the purchaser's specifications or from any act of omission of the supplier, that may develop under normal use of the supplied materials/equipment.
- c. All the material will be of the best class and will be capable of satisfactory operation in the tropics under service conditions without distortion or deterioration. No welding filing or plugging of defective parts will be permitted, unless otherwise specified, they will conform to the requirements of appropriate Indian, British or American Standards. (Where a standard specification covering the material in question has not been published, the standards of the American Society for testing of materials should be followed).

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- d. The entire designs and constructions will be capable of withstanding the severest stresses likely to occur in actual service and of resisting rough handling during transport.
- e. Unless otherwise specified the warranty period will be **36 months** from the date of acceptance of the materials/ equipment. The supplier will, in addition, comply with the performance guarantees specified under the contract. If, for reasons attributable to the supplier, these guarantees are not attained in whole or in part, the supplier will at its discretion either, make such changes, modifications, and/or additions to the materials/equipment or any part thereof as may be necessary in order to attain the contractual guarantees specified in the contract at its own cost and expense and to carry out further performance tests as per the relevant standards.
- f. The purchaser will promptly notify the supplier in writing of any claims arising under this warranty.
- g. "Upon receipt of such notice, the Supplier will within 30 days repair or replace the defective materials/ equipment or parts thereof, free of cost at the ultimate destination. The supplier will take over the replaced parts/ materials/equipment at the time of their replacement. No claim whatsoever will lie on the purchaser for the replaced parts/materials/equipment thereafter. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material will be extended to a further period of 12 months.
- h. If the Supplier, having been notified, fails to remedy the defect(s) within the above period, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense duly deducting the expenditure from subsequent bills/bank guarantee and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

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71. Payment

1. 100% payment will be arranged on or after 30 days from the date of receipt of material/ equipment in good condition at the destination after submission of bills in complete shape with other necessary enclosures whichever is later.
2. The 100% payment mentioned above is subject to submission of performance security as per **clause 25** by the supplier.
3. The supplier should invariably submit test certificates and other documents, the purchaser specifies as soon as dispatch is made so that they can be checked and approved well in advance.
4. The performance guarantee to be executed in accordance with this specification will be furnished on a stamp paper of value Rs. 100/-. The Bank Guarantee will be extended if required suitably. In accordance with the provisions of clause No. 25.
5. When the supplier does not at any time, fulfill his obligations in replacing/ rectifying etc., of the damaged/defective materials in part or whole promptly to the satisfaction of the Purchaser, the Purchaser reserves the right not to accept the bills against subsequent dispatches made by the supplier and only the supplier will be responsible for any demurrages, wharf ages or damage occurring to the consignments so dispatched.

72. Delay in Supplier's performance

- a. Delivery of the materials/equipment will be made by the Supplier in accordance with the time schedule prescribed by the purchaser in the schedule of Requirements.
- b. If at any time during performance of the contract, the supplier should encounter conditions impeding timely delivery of the materials/equipment, the Supplier will promptly notify the purchaser in writing of the fact of the delay, it's likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser will evaluate the situation and may at its discretion extend the suppliers time for performance, with or without liquidated damages, in which case the extension will be ratified by the parties by amendment of the contract.

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- c. Except as provided under “force majeure” clause a delay by the Supplier in the performance of its delivery obligations will render the supplier liable to the imposition of liquidated damages unless an extension of time is agreed upon without the application of liquidated damages.

D) Penalty for delay in supplies

The time for and the dates for delivery mentioned in the contract will be deemed to be the essence of the contract subject to “force majeure”(***“Force Majeure” means an event beyond the control of the Supplier and not involving the Supplier’s fault or negligence and not foreseeable.***), if the supplier failed to deliver any or all of the materials /equipment or to perform the services within the periods(s) specified in the contract, the purchaser will, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week on the undelivered portion subject to a maximum of 5% of the cost of materials undelivered in time. Once the maximum is reached the purchaser may consider termination of the contract.

The actual date of receipt of materials at destination stores in good condition will be taken as the date of delivery for considering penalty clause. Materials / Equipment which are not of acceptable quality or are not confirming to the specification would be deemed to be not delivered. For penalty, the number of days would be rounded of to the nearest week and penalty calculated accordingly.

The penalty specified above will be levied and would be adjusted against subsequent pending bills.

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E) **Termination for Default.**

- a. The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part.
- i. If the Supplier fails to deliver any or all of the Materials / equipment within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser.
- ii. If the Supplier, fails to perform any other obligation(s) under the Contract.
- iii. If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

F) **Foreign Exchange**

- a. No Foreign Exchange is available or expected for this purchaser. Offers which do not require release of F.E. or procurement of import license by Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati only will be considered. Where some of the components are to be imported the manufacturer will have to make their own arrangements for import license etc., and should not look for any assistance from Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati.

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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 black listed 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 belief. 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:

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TENDER LETTER

Date:

From

To

The Registrar
SPMVV
Tirupati.

Ref: 1) Your tender Notice No. _____ dated _____
 2) EMD-DD No.....Date.....for Rs. _____
 * * *

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 Annexure – A.

I/We agree to hold this offer open for a period of twelve months 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 in Annexure A and B 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 withindays 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.)

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SCHEDULE-A

Name of Work: Supply and installation of Equipment namely.....

SL. No	ITEM NAME	SPECIFICATIONS	QTY REQUIRED	UNIT RATE	AMOUNT
1.	LABORATORY SPRAY DRYER	Evaporation Capacity: 1.0 L/hr H ₂ O Drying temperature input range: 50-250 °C Air Flow: 10-35 cu.m/hr Nozzle: Two-fluid, co-current, SS-316 L, 0.7 mm with auto-de-blocking device and option of variable nozzle apertures 0.5, 1.0, 1.5 mm with ultrasonic nozzle facility Power Rating: Upto 3000W Voltage: 220 V ± 10% Heater Capacity: 2.5- 3.0KW Spray gas: Compressed air 200-1000 l/hr, 5-8 bar Mean Dwell time: 1.0 - 2.0 seconds Possible particle diameter range: 1-25 µm. Material of construction: Stainless steel 316L Heating apparatus: Borosilicate Glass Interconnection parts: Teflon, Silicon, Alkathene. SS stand to support the equipment Inlet and outlet HEPA Filters Aspirator Spray cylinder Drying Chamber Twin Cyclone Separator attachment, Scrubber pot Collection bottle, Collection chamber Two fluid nozzle & co current Nozzles Warranty: 3 years	1 No.		
2.	ROTARY EVAPORATOR	<ul style="list-style-type: none"> • Rotary Evaporator condenser with Motor Lift, 250ml, 500ml and 1000ml Evaporating flask and 1 liter receiving flask. 	2 No.		

		<ul style="list-style-type: none"> • Universal Heating bath temperature of 210°C or above. • Digital Display of Heating bath Actual and Set temperature. • Digital Display of RPM Timer option. • Heating bath accommodate 5litre flask as a standard and allows for 200mm horizontal extension heating bath with safety handles and drain spout available. • Heating bath over temperature cut-off 5°C. • Secondary over temperature cut-off 250°C. • Rotation Speed up to 280 RPM with Digital display Stand with clamp to support condenser as a standard supply Integrated clamp to hold 70% evaporating flask. • All parts which are in contact with the media consist of GRAPHITE filled PTFE Vacuum seal. • Vacuum Pump Suction capacity in m³/hour:2 or more Ultimate Vacuum in mbar:7 mbr or less Power Input in Watt:180 Supply Voltage (V / Hz):230 /50. • CHILLER: Working Temperature Range -20° to +135°C Temperature Stability ±0.2°C Bath volume: 6 liter. • Warranty: 3 years 			
3.	SOLAR FOOD DRYER	<p>Size of the chamber: Length - 2200 mm, Width - 1200 mm, Height - 1200 mm. Maximum temperature:70 ° C Blowers: 2 pairs of 1 HP each Power Supply: 240V Number of trays: 30 Nos Capacity Per Tray: 3Kg to 4Kg Tray material: SS/Aluminium Tray size: 600 x 900 x 25 Tray type: Plain/perforated/wire mesh No. of trolley: 2 Solar Collectors: 30 Air heating collectors.</p>	1 No.		

		<p>Size of Collector: 2meter×1meter Dryer type: Tray dryer Glazing: Glass/Special multiwall PVC Circulation: Forced circulation using blower Backup: Electrical/LPG/Wood Warranty: 3 years</p>			
4.	FREEZE DRYER	<ul style="list-style-type: none"> • Ice condensation performance should be 2kg per 24 hrs • Ice condensation capacity Maximum 2.5kg • Ice condenser temperature of -55°C at ambient temperature of 25°C • Condenser chamber volume should be 3.5 liters • Powerful Refrigeration system with minimum 0.4kW/0.5HP or better. • The drying chamber and ice condenser should be made of SS 316L • Suitable Vacuum pump to handle aqueous solvents • Vacuum sensor should support precise vacuum sensing • Should include hot gas defrosting as standard • Graphic LCD display showing process data like ice condenser temperature, vacuum and process time • Should include facility to find out the product temperature while in process by using the vapour pressure reading • Should have an acrylic chamber with minimum 6 connecting ports having individual rubber valves • System should be able lyophilize samples in round bottom flasks, ampoules • Accessories to be included: Round bottom flask 250 mL - 2 Nos. • Should be a CE Certified model and MOC certificate should be enclosed • Optional Accessories: Ampoule distributor, tipping torch, 2 mL ampoules. 	1 No.		
5.	UV-VIS SPECTROPHOT	<ul style="list-style-type: none"> • Minimum sample size: 0.5µl • Path Length: 1mm (auto ranging to 	1 No.		

	OMETER	<p>0.05mm)</p> <ul style="list-style-type: none"> • Light source(s) : Xenon flash lamp • Detector type: 2048-element linear silicon CCD arrangement • Wavelength Range : 190-840nm • Wavelength Accuracy : 1nm • Spectral Resolution : <1.8nm (FWHM at Hg 253.7nm) • Absorbance precision : 0.002 (1mm path) • Absorbance Accuracy : 2% (at 0.76 at 257nm) • Absorbance Range : 0.02-300 (10mm equivalent) • Detection Limit : 2ng/μl (dsDNA) • Maximum concentration : 15,000ng/μl (dsDNA) • Measurement Time : < 5 seconds • Foot print : 14×20cm • Sample Pedestal material of Construction : 303 stainless steel and quartz fiber • Operating voltage : 12vdc • Operating power Consumption : 12-18W (max 30 W) • Standby power Consumption: 5W. 			
6.	DIGITAL WEIGHING BALANCE READABILITY (0.1 mg)	<ul style="list-style-type: none"> • Automatic internal calibration • The pan size should be 91mm dia. • Formulation mode • Comparator function • Piece counting function • Capacity:220gm • Minimum display: 0.1mg. • Warranty: 3 years 	2 No.		
7.	REFRIGERATOR	<ul style="list-style-type: none"> • Built-in Stabilizer • Cool pad Present • Type:-Double Door • Refrigerator Type :-Top Freezer Refrigerator • Defrosting Type :- Frost Free 	1 No.		

		<ul style="list-style-type: none"> Compressor Type :- Smart Inverter Compressor Capacity :- 495 L <p>Warranty Summary</p> <ul style="list-style-type: none"> 1 Year-Product & 9 Years-Smart Inverter Compressor Warranty: 3 years <p>Refrigerator Compartment Features</p> <ul style="list-style-type: none"> Number of Refrigerator Shelves:- 2 Refrigerator Interior Light:-Yes Egg Tray:-Yes <p>Freezer Compartment Features</p> <p>Freezer Tray Type:- Ice Tray</p> <p>Additional Features</p> <ul style="list-style-type: none"> Other Features:- Smart Connect, Smart Diagnosis System, LED Lighting <p>Dimensions</p> <ul style="list-style-type: none"> Net Height:-1777 mm Net Depth:-737 mm Net Width:-755 mm Weight:- 86 kg 			
8.	AUTOCLAVE	<p>Capacity: 75L, Chamber Size: 400 x 600mm (dia x height)</p> <p>Construction: Chamber, lid & all wetted parts are of SS304. Fly nut locking system patented silicon gasket for door locking. Pressure gauge for pressure monitoring bottom connection 0-30psi; Ø60mm (2½"); ¼" BSP. Solenoid valve for purging & exhaust. Direct acting 2/2 way, normally closed, coil voltage 240V AC, 6 mm port, 3/8" BSP. Float switch SS float Ball ¼"Ø stem. Drain valve 3/8" BSP Ball Valve. Rotary switch 1 pole 2 way & OFF, 32 AMP. Unique Purge valve cum vacuum breaker on lid. Quick release coupling for online calibration of pressure gauge.</p>	1 No.		

		<p>Manual exhaust valve for steam release on lid & drain valve for cleaning at bottom on rear side. All fittings on the lid. Industrial grade energy efficient ring type heater. All internal joints are argon welded.</p> <p>Controlling system: Digital PID temperature controller with PT100 sensor for precise monitoring & control. LCD display with two line 16 characters, backlit alphanumeric display. Temperature set point and hold time is user settable. Temperature range up to 122.0°C & timer range up to 99min. Control Accuracy: +1°C & Resolution: 0.1°C.</p> <p>Safety Features: Each and every chamber is hydrostatically tested at 1.5 times of its working pressure. Spring loaded safety valve set at 20psi for over pressure. Spring loaded safety valve set at 22psi for extra safety. Audio alarm for over temperature. Sensor open alarm. End of cycle alarm. MCB for over current protection. Water level low alarm with automatic heater cutoff. Warranty: 3 years</p>			
9.	HOT AIR OVEN	<ul style="list-style-type: none"> • Double walled units inner chamber made of S.S & outer made of Mild steel with powder coating. • Should have three side heating element. • Gap between the walls should be fitted with glass wool insulation to avoid heat loses. • Temperature should be controlled by 	1 No.		

		<p>Microprocessor based Digital temperature Controller.</p> <ul style="list-style-type: none"> • Temperature range should be from 50°C to 250°C and Accuracy: +/- 1°C. • Air ventilations are placed on the top of both sides to remove hot gases/fumes. • Air circulation fan should be incorporated along with equipment • Capacity: 225L, Chamber size(L X B X H) : 600 X 600 X 600mm • No. Of Trays: 3. • Warranty: 3 years 			
10.	<p>SOXHLET APPARATUS WITH GLASS FIT – 500 ml</p>	<ul style="list-style-type: none"> • The equipment should comprise of one row of independently heated and controlled heating mantles. • The mantles should be designed to accommodate Flat bottom and Round bottom flasks. • Each Flask accommodates suitable Extractor and suitable Allihin Condensor fitted above the extractor. Supplied complete with connecting tubes. • Capacity: 500ml flasks • Warranty: 3 years 	2 No.		
11.	<p>SOXHLET APPARATUS WITH GLASS FIT–1000 ml</p>	<ul style="list-style-type: none"> • The equipment should comprise of one row of independently heated and controlled heating mantles. • The mantles should be designed to accommodate Flat bottom and Round bottom flasks. • Each Flask accommodates suitable Extractor and suitable Allihin Condensor fitted above the extractor. Supplied complete with connecting tubes. • Capacity: 1000ml flasks • Warranty: 3 years 	2 No.		

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