

**GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF AGRICULTURE**

e-TENDER DOCUMENT

FOR SUPPLY OF LABORATORY INSTRUMENTS AND EQUIPMENTS FOR
STRENGTHENING OF STATE SEED TESTING LABORATORY, PUDUCHERRY

**OFFICE OF THE ADDITIONAL DIRECTOR OF AGRICULTURE (LUP&QC),
THATTANCHAVADY,
PUDUCHERRY-605009.**

**GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF AGRICULTURE
OFFICE OF THE ADDL. DIRECTOR OF AGRICULTURE (LUP&QC),
THATTANCHAVADY, PUDUCHERRY
Ph:0413 – 2241942,2248565

No: 23/ Agri/ADA (LUP&QC)/SDTL/SMSP/2017-18

Date: 21.03.2018

Notice Inviting e –Tender

“e-Tenders” are invited on behalf of the President of India by the Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry from the intending suppliers / Manufacturers /Authorized dealers for supply of Laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory in the office of Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry through e-procurement on <https://pudutenders.gov.in> Tenders submitted in any other form will not be accepted.

Bid upload date	:	21/03/2018 Time: 10.30 A.M
Bid submission start date	:	21/03/2018 Time: 10.30 A.M
Pre bid meeting	:	29/03/2018 Time: 11.00 A.M
Last date for online submission of Tenders	:	04/04/2018 Time: 05.00 P.M
Date and Time of opening of Tenders	:	05/04/2018 Time: 10.30 A.M

The Tender details such as tender fee, EMD cost, terms and conditions, the specifications and time schedule can be downloaded from the website <http://agri.puducherry.gov.in> and <https://pudutenders.gov.in> for reference. As the Tenders will be processed only on on-line, hardcopy submission will not be entertained.


ADDITIONAL DIRECTOR OF AGRICULTURE (LUP&QC)

**GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF AGRICULTURE
OFFICE OF THE ADDL. DIRECTOR OF AGRICULTURE (LUP&QC),
THATTANCHAVADY, PUDUCHERRY**

TENDER SCHEDULE

Sl. No.	Subject	Date and time
1	Bid upload date	21/03/2018 Time:10.30 A.M
2	Bid submission date	21/03/2018 Time:10.30 A.M
3	Pre-bid meeting	29/03/2018 Time:11.00 A.M
4	Last date for Submission of Tender Online	04/04/2018 Time:05.00 P.M
5	Last date for submission of Tender Fee and EMD	04/04/2018 Time:05.00 P.M
6	Date and Time of opening of Technical Bid	05/04/2018 Time:10.30 A.M
7	Date and Time of opening of Financial Bid	05/04/2018 Time:11.30 A.M

{If any these days happen to be a holiday the last date will be the next working day on the same time}

Tenderer(s) are requested to stick on to the date and time specified strictly. Tenders will be accepted only if submitted in the prescribed manner. Tenderer are requested to read the instructions help for contractors, information about Digital Signature Certificate, resources required and bidder's manual kit at the home page of the website <https://pudutenders.gov.in> or <http://demoeproc.nic.in/> before submission of tender through online.

Helpdesk@eprocurement Cell: 0413-2220225

Email : support-eproc.pon@nic.in

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TENDER DETAILS

“e-Tenders” are invited by the Additional Director of Agriculture (LUP&QC), Thattanchavady Puducherry from Manufacturers/Authorized dealers for the supply of Laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory (*as listed in the Annexure -I*) to the office of Additional Director of Agriculture (LUP&QC),Thattanchavady, Puducherry

- Tenders are to be submitted only through e-procurement platform at <https://pudutenders.gov.in>.only.
- Tenders submitted in any other form will not be accepted.

Two Covers:

Cover 1 : Tender Fee/EMD Fee/Technical Documents

(i) The Technical Bid shall contain the documents listed hereunder.

- Bidders should submit their tender online at the Government website <https://pudutenders.gov.in>. with scanned copy of Demand Draft/Banker’s Cheque towards the cost of Tender Fee for **Rs.525/-**(inclusive of GST@5%) in favour of “The Additional Director of Agriculture (LUP&QC),Thattanchavady, Puducherry- 605 009” payable at Puducherry. The tender fee paid is non-refundable.
- Bidders should also submit the scanned copy of a Demand Draft/Banker’s Cheque towards Earnest Money Deposit (EMD) for **Rs.45,000/-** in favour of “The Additional Director of Agriculture (LUP&QC),Thattanchavady, Puducherry – 605 009” payable at Puducherry.
- The Earnest Money Deposit is non-interest bearing and is refundable to the unsuccessful Tenderer.
- The Earnest Money Deposit will be returned to the successful Tenderer after payment of Security Deposit.
- The Tender without tender fee and EMD will be summarily rejected.

Important Note:

Tender Fee and E.M.D. should be remitted in the form separate Demand Draft / Banker's cheque only. A common Demand Draft/Bankers cheque will be rejected. The original shall be submitted in person or by post in sealed envelope superscribed "*Tender Fee and EMD for the supply of Laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory*" and should reach

**The Additional Director of Agriculture (LUP&QC),
Agricultural Complex,
Thattanchavady,
Puducherry – 605 009.**

latest by **5.00 p.m. on 04.04.2018**. Tender Fee /EMD sent after the due date and time will not be entertained and will be summarily rejected. The office is not responsible for any postal/courier delay.

List of Documents to be uploaded Online:

The following documents should be uploaded by the bidders in the form of PDF Files in the same order as mentioned below, on the e-Tendering website <https://pudutenders.gov.in> during Online Bid Preparation stage.

Sl.No.	List of Documents
1	Registration Certificate from appropriate authority in case of manufacturer.
2	Principal Certificate, in case of Dealer.
3	GST Registration certificate.
4	Annual Turnover Statement from Chartered Accountant for the past 3 years.
5	Certificate of Latest ISO Certification.
6	Latest Income-Tax verification certificate.
7	Manufacturer/Dealer details as in Annexure III of the tender document.
8	Letter of Tenderer as in Annexure IV of the tender document.
9	Declaration as in Annexure V of the tender document.
10	Details of Production and Sales experience as in Annexure VI of the tender document.
11	Letter confirming the Technical and commercial terms & conditions as in Annexure VII of the tender document.
12	Form of marketing between Distributor and Manufacturer as in Annexure VIII of the tender document.

Cover 2: THE FINANCIAL BID (BOQ) SHALL CONTAIN THE FOLLOWING:

The Tenderers shall quote the rates in the financial bid (BOQ) only in the website <https://pudutenders.gov.in>. The Financial Bid (BOQ) shall contain the following:-

- The rates should be quoted in whole rupee and must be expressed in the figures and words in English. The rate for each item should be independent of other items.
- No column in the tender offer form shall be left blank, please mention “0” in column, if rate is not offered on an item in the list.
- In the Tender offer form (BOQ), Unit Rate, Goods and Service taxes etc., for each item shall be entered by the Tenderer in the prescribed column of the excel sheet.
- The bid shall contain only the price. Any discrepancy in this regard will cause the rejection of the bid.

INSTRUCTION TO TENDERERS FOR ONLINE SUBMISSION OF E-TENDER

- The Tenderers who are interested in bidding can download tender documents from <https://pudutenders.gov.in>.
- Tenderers who wish to participate in this tender will have to register on <https://pudutenders.gov.in>. To participate in online tenders, Tenderers will have to procure Digital Signature Certificate as per information Technology Act-2000 using which they can sign their electronic bids. Tenderers can procure the same from any CCA approved certifying agency i.e. TCS, safe-crypt, Noode etc. or they may contact e-Procurement Cell, Chief Secretariat, Government of Puducherry for further assistance. Tenderers who already have a valid Digital Signature Certificate need not procure a new Digital Signature Certificate.

Contact No. 0413-2220225 , Toll free no. 1800 233 7315

(Help desk 10 A.M. to 6 P.M. on all working days) e-mail: eproc@puducherry.gov.in

Address: e-Procurement Cell, IIIrd Floor, Goubret Avenue, Chief Secretariat, Puducherry.

- Before electronically submitting the tenders, it should be ensured that all the tender papers including conditions of contract are ready in digital form and in requisite file formats. Generally accepted formats are **.pdf, .xls, .jpg** etc.
- Bidders are also advised to refer “Bidders manual” available under “Download” section of e-procurement portal <https://pudutenders.gov.in> for further details about the e-tendering process

- Every Tenderer must go through the terms and conditions carefully and understand them before submitting their tender. No excuse that the conditions have not been read or understood will be entertained later.
- The Manufacturers/dealers should quote the basic price of the items separately and the other taxes and duties only as mentioned in the Bill of Quantity (BOQ) of the Tender Schedule.

Filling of E-Tenders

- Tenders should be duly filled in (on the assigned space), duly signed with the digital signature and submitted online. All mandatory fields marked with (*) have to be filled by the tenderers.
- Tenderers should upload their scanned copy of Demand Draft/Bankers cheque of Tender Fee and EMD along with the online bid in the format as required by the e-procurement system.
- The rates should be uploaded only in BOQ (Bill of Quantity) format which is available in online bid. Tenderers are therefore advised to enter all financial elements in the column available in the BOQ only.
- The Tenderers are required to quote in the same rate units as given in the tender schedule.

OPENING OF BIDS:

- The bids that are submitted online successfully shall be opened online as per date and time given in detailed tender schedule, through e-Tendering procedure only in the presence of bidders.
- Bids shall be opened in the presence of bidders or their duly authorized representatives who choose to be present at the given time. The bidder representatives who are present shall sign in the register in proof of their attendance.
- Only one representative per applicant shall be permitted to be present at the time of opening the tender.

**GOVERNMENT OF PUDUCHERRY
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OFFICE OF THE ADDL. DIRECTOR OF AGRICULTURE (LUP&QC)
THATTANCHAVIDY, PUDUCHERRY**

TERMS AND CONDITIONS

Supply of Laboratory Instruments and Equipments for the Strengthening of State Seed Testing Laboratory, Puducherry.

ELIGIBILITY CRITERIA:

A Tenderer will be eligible for tendering only if he satisfies the eligibility criteria.

If the firm is participating as a Manufacturer:

- Should have valid manufacturing license/Registration from the competent authority for manufacturing the items i.e., Laboratory Instruments, and Equipments mentioned above.
- Should have experience in manufacturing the items for a minimum period of five years with the supply performance of Rs.50 lakhs/ year for laboratory instruments and equipments.
- Should have GST Registration certificate. GST clearance certificate should be submitted.

If the firm is participating as Authorized dealer:

- Should have the relevant experience for five years in the field of selling the items.
- Should be an authorized stockiest Distributor of the concerned manufacturer.
- Should execute a **marketing agreement on ₹ 100/-** (Rupees one hundred only) Non-judicial stamp paper clearly mentioning the firm from whom they are sourcing the above items with specifying the validity of the marketing arrangement.
- Should produce copy of manufacturing license and ISI/ISO certificate form from the source firm.
- The firm from whom sourcing the items should have experience in the field of manufacture of the items for a minimum period of five years with the supply performance of Rs.50 lakhs/year for laboratory instruments/equipments.
- Should have GST Registration certificate. GST clearance certificate should be submitted.

The Tenderer should not have been black listed by central/ State Government or their under takings.

- Atleast 5 Nos. of Performance satisfactory certificate should be enclosed from existing users from Tamil Nadu and Puducherry.
- Acceptance of tender for the supply of equipment will be subject to tenderer certifying that they have adequate servicing and spares facility in respect of the equipment tendered for by them or that they shall arrange to provide such facilities simultaneously with the supply of the equipment.
- The firm supplying laboratory instruments and equipments should have the minimum average annual turnover of Rs.3 crores.

EARNEST MONEY DEPOSIT (EMD) AND TENDER FEE:

The tenderer shall furnish Earnest Money Deposit for **Rs.45,000/-** along with tender fee of **Rs. 525/-**(inclusive of GST@5%) in the form of Demand Draft/Banker's Cheque drawn in favour of "the Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry- 605 009" and send the both by post or in person in sealed envelope superscribed "*Tender Fee and EMD for the supply of Laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory*"

GENERAL CONDITIONS:

- The Tenderer shall quote the rate for the supply of Laboratory equipment/instruments/sophisticated instruments with specified manner as per the Annexure – II
- The Tenderer who quote for the supply of Laboratory equipment/instruments/sophisticated instruments, must be either the manufacturers or authorized dealer. Detailed information of the "Manufacturer" should be furnished in Annexure- III.
- The Tenderer should submit the "Letter of Tender" along with tender document as per the Annexure –IV.
- The Tenderer should be filled & upload the "Declaration form" as prescribed in the Annexure- V.

- The Tender should submit the details of Production / Sale experience of the manufacturer/retailer as per the Annexure VI.
- The Tender should submit the Form of letter confirming the technical and commercial terms & conditions of the tender as per the Annexure VII.
- The Tender should submit the Form of marketing between distributor and manufacturer as per the Annexure VIII.
- The Tenderer for supply of above instruments/equipments shall hold valid GST registration certificate with the Government.
- The Tender is non – transferable.
- Tender offer form (BOQ) - Unit Rate, Goods and Service Taxes(GST), freight charges etc., for each item shall be entered by the tenderer in the prescribed column of the excel sheet. The rate of each item should not exceed the maximum retail price (MRP) fixed to that particular item.
- No column in the BOQ shall be left blank.
- No representation towards upward revision of rates will be allowed. The rates should be quoted inclusive of freight charges as specified by the Office of Additional Director of Agriculture (LUP&QC), Puducherry.
- The successful tenderers themselves will have to obtain permits, licence etc., that may be required in fulfilling the contract.
- Ex- Godown rates offered by the firm are not acceptable and such tenders will be summarily rejected. The rates quoted should be “ For destination” basis, the destination being State Seed Testing Laboratory, Directorate of Agriculture Campus, New Light House Road, Vamba Keerapalayam, Puducherry-605001.
- Installation and demonstration of instruments/equipments should be done by the successful bidder at Institution premises at free of Cost.
- The rates quoted should be only as per the unit printed in the schedule and should be valid for a period of one year from the date of opening of the tender.
- The successful bidder will have to supply the equipments/instruments within a period of 30 days from the date of the supply order.
- All offers should be for supplies, from ready stock in original packing of the manufacturers.
- The bill of cost of the articles supplied should be sent to the consignee immediately after delivery of goods.
- If the Government introduces any fresh taxes or increase the present rates of taxes, no change in the rates can be claimed.

- **The Goods and Services Tax (GST) will be implemented as per the Government of India instructions.**
- The tender shall be submitted only if the Tenderer is agreeable to all the terms and conditions of this Tender, which includes the Description and Specifications of the items mentioned therein.
- Irrespective of the terms and conditions that may have been specified by the Tenderer, only the terms and conditions specified in this tender by the Department shall be binding on the Tenderer and the tendering authority.
- After due date, no addition or deletion or alteration in the tender will be allowed.
- In the event of any discrepancy in respect to the rates quoted, the “Tender committee” reserves the right to accept or reject the tender.
- Copies of any document produced with tender including photo copies should be **clear and legible**, otherwise it will be not be considered.
- In the event of the date of submission or opening of tender being declared as a holiday for the office of the tendering authority, the due date for submission of tender and opening of tender will be the following working day at the same time.
- The Tenderers are responsible to furnish all the required particulars along with the tender. No correspondence will be made on this account from this office/department.
- Tenders submitted in forms other than the one prescribed and / or without the payment of the prescribed fee will be rejected.
- Earnest Money Deposit of unsuccessful tenderer will be refunded after opening the financial Tender and selection of items within 10 days.
- The supplier will be responsible for the supplied material and specification and defective material if found will be rejected and will be returned to supplier at his risk and cost.
- The tenders/offers that received do not conform with the terms and conditions of the Department will be summarily rejected.
- The tenderer should enclose user-list along with their postal address and telephone numbers and should also furnish details of after Sales Service if any provided by the tenderer.
- The rate quoted should be inclusive of all requisite accessories. The details of accessories are to be clearly mentioned in tender form by the tenderer.

- The tenderer should give “on the site demonstration” to the satisfaction of the Indenter.
- The detailed specification with the photographs & literature of the equipment to be supplied has to be furnished.
- The tenderer or his authorized representative should come prepared for technical presentation and demonstration on the date of opening of the tender and may be required to stay next day also.
- Bidder should give specification compliance statement point wise showing /highlighting items part no., serial no. as quoted in their quotation for comprehensive technical comparison. Proof of compliance should be mentioned point wise in the catalogue. Failing in compliance and proof of compliance will cause cancellation of the bid without any further notice.
- The equipment should be demonstrated by the service engineer of the vendor at our site free of cost and the working should be demonstrated including training.
- Manufacturer’s / Distributorship’s / Dealership’s certificate from the principal (for the year 2017-18) may be submitted along with technical bid.

PRE-BID MEETING

- There will be a pre-bid meeting on **29.03.2018 at 11.00 A.M** in the Office of the Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry during which the prospective Tenderer can get clarification about the tender.

CLARIFICATION OF TENDER:

- A prospective Tenderer requiring any clarification of the **tender** may request the Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry, by a letter or by e-mail: adalup.pon@nic.in .

AGREEMENT:

- The successful tenderer shall to execute an agreement in the prescribed format stipulating all the conditions mentioned herein within 15 days from the date of the approval of rate by the Tender Committee on the tender portal. The Letter of Acceptance will be given by the Addl. Director of Agriculture (LUP&QC), Puducherry on by a receipt of Agreement.
- Failure to sign the agreement within the period specified in the pre-para above shall amount to withdrawal of the approval of rates and will lead to forfeiture of amount of Earnest Money Deposit paid in respect of that particular item.

The Tender Committee is free to take further necessary action for entering into an agreement with other tenderers and the excess amount that the Additional Director of Agriculture (LUP&QC) has to incur in effecting supply of such stores be recovered from the defaulting tenderer.

SECURITY DEPOSIT:

- The successful Bidder shall furnish the Performance security equal to 5% of the contract value of items to be supplied within 15 days of receipt of the Letter of Acceptance. Performance security deposit shall be furnished in the form of Demand Draft/Banker's Cheque drawn in favour of "The Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry-605001" payable at Puducherry or through Bank Guarantee upon receipt of the Security Deposit, the EMD of the successful tenderer will be refunded.
- The firms permanently registered as Industrial Co-operative Society/Small Scale Industry with Government of Puducherry / NSIC / DGS & D for the supply of particular store item proposed to be purchased shall be exempted from the payment of Security Deposit upto the monetary limit to which they are registered. No exemption is granted to such firms during the currency of "Provisional Registration".
- The Performance Security Deposit will be refunded only after a period of two years from the date of successful commissioning and testing of the instruments/equipments and the faithful and complete discharge of all the Terms and Conditions of the contract by the contractor and to the fullest satisfaction of the Additional Director of Agriculture (LUP&QC), Puducherry.

DELIVERY:

- The equipment/instruments as per supply order should be delivered within a period of one month from the date of receiving supply order from the office of the Additional Director of Agriculture (LUP&QC),Thattanchavady, Puducherry / at the place where requested.
- The supplier will be responsible for the supplied equipment/instruments and specification and defective material if found will be rejected and will be returned to supplier at his risk and cost.
- In case if successful tenderer fails to supply the equipment/instruments with standard tools, accessories and spares etc. within stipulated time the earnest money deposited by the tenderer/ bidder shall be forfeited.

OTHER CONDITIONS:

- The decision of the Tender Inviting Officer for acceptance/rejection of any articles supplied including the decision for equivalent specifications, standard and quality etc. for articles shall be final.
- Tender received without Earnest Money Deposit will be summarily rejected.
- The successful tenderer will have to pay as security deposit for an amount equal to 5 % of Tender value of equipment/instruments within 15 days from the date of from the date of finalization of tender in the portal.
- Non receipt of Security Deposit within stipulated time limit will result in automatic Cancellation of the order for supply without any intimation and the EMD shall be forfeited.
- The amount of Earnest Money Deposit paid by the Tenderer(s) whose tenders are not accepted shall be refunded to them not earlier than one month after the date of opening of the Bids.
- If the tenders whose tender is accepted fails to execute the Supply order within stipulated time the EMD/Security Deposit of such tenderer will be forfeited.
- Only on satisfactory completion of the supplies ordered for and on payment of all bills of the supplier, as to be admitted for payment the amount of Security Deposit/Bank Guarantee/Money Deposit will be refunded after expiry of guarantee period, if any, or any date/period as may be mutually agreed upon.
- The right to accept or reject without assigning any reasons or all tenders, in part or whole is reserved with the Tender Inviting Officer and his decision (s) on all matters relating to acceptance or rejection of the tenders as a whole or in part will be final and binding to all.
- The supplier shall also have to mention the name of manufacture/make, model of the article and has to enclose the pictures/information brochures of the equipment/instruments for which the rates are quoted. In the absence of the above, the items offered may not be considered.
- The Tender Committee is vested with powers to cancel or to revoke the contract without assigning any reason therefor, if the contractor fails to effect the supply in conformity with the contracted terms and conditions. The Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry reserves right to evaluate the performance, quality & after promptness in sales service by manufacturer and the manufacturer should arrange for inspection and evaluation of their working in field conditions. In case the manufacturer could not arrange for evaluation in working condition or in case during evaluation if it is found that the performance, durability, after sales service is not adequate, the Director of Agriculture, Puducherry reserves the right to reject the bid outrightly.
- In case of non supply or failure of supply as per the terms and conditions by the firm the Additional Director of Agriculture (LUP&QC), Thattanchavady,

Puducherry shall be entitled award to the tender to the next lowest bidder effect supply and the excess amount that the Additional Director of Agriculture (LUP&QC), Thattanchavady, Puducherry has to incur, shall be recovered from such defaulting supplier.

- The tenderer should not have been blacklisted by any of the firm/Government institutions, to that effect a declaration have to be furnished by the tenderer.
- Any dispute under or arising out of the agreement executed for supply of instruments /equipments shall be referred to the Director, Department of Agriculture, Puducherry, the sole arbitrator under the provisions of Arbitration and Conciliation Act, 1996.
- The Director of Agriculture, Puducherry, has the right to recover all or any dues from the contractor by exercising the provisions of the Puducherry Revenue Recovery Act 1970.
- The Tender Committee, reserves the right to reject any or all the tenders without assigning any reason therefor.
- The decision of the Director of Agriculture, Puducherry in all matters relating to this tender shall be final and conclusive.

ANNEXURE -I

List of Laboratory Instruments and Equipments

Sl No	Name of the Items	Reqd Qty (Tentative)
1	Digital Temperature & Humidity Indicator with Min. & Max.	3
2	Rice Sheller	1
3	Seed Precision Divider (Gamet type)	1
4	Computerized Seed Counter	1
5	Seed Blower (Dacota type)	1
6	Compact Digital Data logging Moisture meter	2
7	Germination Racks with adjustable LED fittings	8
8	Seed Analyzer complete with hardware(Advanced version)	1
9	Portable Humidifier	1
10	Sand Sterilizer	1
11	Seed Sample Storage Rack	5

ANNEXURE – II

THE TECHNICAL SPECIFICATIONS

For Supply of Laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory, Puducherry.

1. DIGITAL TEMPERATURE & HUMIDITY INDICATOR

- Probes : Interchangeable Probes.
- Display : Simultaneous output Both Temperature & Humidity
- Display digit : LCD display with selectable backlit
- Calibration : Required
- Reading : in °C and °F selectable
- Temperature Sensor : PT - 100.
- Power : 230V ± 10%, 50 Hz AC.

HUMIDITY

- Range : 0 to 100% RH
- Resolution : 0.1% RH
- Accuracy : ± 2 RH at 25°C

TEMPERATURE

- Range : -40°C to +60°C
- Resolution : 0.1°C
- Accuracy : ± 0.5°C at 25°C

2. RICE SHELLER

- Capacity : 40-50kg/hr
- Shelling Mechanism : Spring loaded, comprises of two rubber rollers.
- Husk Collector : Separate
- Operating Voltage : 220V, 50Hz, AC.
- Motor : 0.25HP single phases 180W
- Size : 700mm x 330mm x 817mm(L x W x H) (Approx.)
- Rubber Roller : 100mm x 35mm (approx.)
- Visibility : De-husking operation is visible through transparent window.
- Output : Three separate outputs as paddy, immature paddy & brown rice.

3. SEED PRECISION DIVIDER (GAMET TYPE)

- Principle : Centrifugal action.
- Disc : Rotating neoprene disc.
- Body parts material : Hopper, wear parts - plated brass,
Cylinder housing - stainless steel.
- Leveling : Screws required for adjustment facility.
- Suitability : Required for all types of seeds.
- Top lift-off : Hopper and cylinder top lift-off for easy access
to inner parts for cleaning.
- Size : 38cm x 31cm x 51cm (approx).
- Hopper capacity : 2 kg.
- Motor : 1/10 HP - 1/15 HP
- Operating voltage : 220 V, 50 Hz, AC.

4. COMPUTERISED SEED COUNTER

- Controller : Micro Controller based.
- Keypad : Membrane type.
- Display : 16×2 line LCD display with backlit.
- Feeding : Electromagnetic vibratory feed.
- Memory : To store settings of 99 commodity parameters.
- Capacity : Counts maximum up to 99999 seeds in a lot.
- Range : 0.3mm to 15mm.
- Removable pan : Knob for removing pan.
- Speed control : Soft Touch.
- Vibration control : Precise Digital Vibration control through membrane key pad.
Two step fast and slow vibration control ensures both
accuracy and speed in counting.
- In flight error : Programmable stop to compensate in flight error.
- Batch facilities : Batch, Multiple batch creating and repeat batch facilities.
- Electronics : Improved opto electronics.
- Seed movement : Adjustable knob provided to ensure that the seed moves in a
single row.
- Pan : Metallic pan of volume-200cc.
- Interface : RS 232 and parallel port interface for attaching
computer and printer.

5. SEED BLOWER - DACOTA TYPE

- Size : 48 x 56 x 86 cm. (Approx).
- Timer : For Auto run off
- Principle : Blowing.
- Tubes : Transparent acrylic
- Operating voltage : 220V, 50 Hz, AC.
- Motor : ½ HP-1/3 HP
- Air column : Precision built
- Small Tube set : For brome, red top, blue Grass, legumes, small cereal grains etc.
- Size : 7.6 cm dia x 93 cm length (approx) and 4.5cm dia x 93 cm length (approx).
- Large tube set : For large capacities and for grain, grass, legumes, com and soyabean etc.
- Size : 10 cm dia x 93 cm height (approx.)

6. COMPACT DIGITAL DATA LOGGING MOISTURE METER

- Commodity calibration : Food Grains, Pulses, Oil seeds, & Vegetables seeds etc.
- Range : 3.5 to 40%
- Consistency : ± 0.2 %
- Principle of measurement : Resistance
- Temperature Compensation : Automatic with PT-100 temperature sensor.
- Display : 2 x16 character alphanumeric LCD/LED display
- Low Battery Indication : Displayed
- Printing facility : Required with port
- Auto calibration : Automatic on LCD using a simple key operation
- Error Correction : Temperature calibration
- Keypad : Membrane type keypad.
- Recall Facility : Last reading Recall facility.
- Curve Programming : Curve programming on all commodities.
- New commodity Calibration : facility to calibrate new commodity required.
- Averaging : Customer can have averaging of number of readings of moisture Percentage through a key.
- Data Logging : facility to record data which includes Moisture percentage, Temp. Commodity Name, Commodity Code along with Date & Time.
- Data storage capacity : Memory of 200 readings.
- Power : 9V DC -240V Adaptor for AC mains or 6 (R-20 type) dry cells.
- Size (L x B x H in cm) : 28x17.5x24 cm (Approx.)

7. GERMINATION RACKS WITH ADJUSTABLE LED FITTINGS

- Racks Sizes : 3' x 1.5' x6.5'.
- Material : Rust Proof Stainless Steel (304 Grade).
- No. of Shelves : 5 Adjustable.
- Lights : Fluorescent/LED Tubes.

8. SEED ANALYZER COMPLETE WITH HARDWARE (ADVANCED VERSION)

- Image Analysis : Calculate the morphological parameters of seeds from flatbed scanner image with advance cluster separation algorithms.
- Parameters : It calculates the Length (L), breadth (B), L/B Ratio, Area and shape Parameters like elongation and compactness of individual seeds.
- Classification : Seed can be classified according to user specified parameters in categories like "Head", "Medium", "Small" etc.
- Data Logging : Classification parameters of Seed can be stored in database index with seed names.
- Seed Weight : Individual Seed weight can also be calculated from the basic Morphological parameters, by supplying the total weight of seed in image of thousand seed weight.
- Statistical Analysis : Graphical statistical analysis and text output is also simultaneously generated indicating number of seeds in each category with their individual parameters.
- Software Protection : Software is protected with USB Dongle.
- Hardware Configuration : Scanner 200dpi or equivalent.

9. PORTABLE HUMIDIFIER

- Evaporation : 3-5 litres/hr.
- Type : Rotating Disc-Splash plate.
- Connected load : 100 W
- Input voltage : 230V, 50 Hz, single phase
- Water pressure : 5 PSIG

10. SAND STERILIZER

- Size : 12" x 8" x 12"
- Heater : 3 nos of dry heater 500 Watt each
- Heating : One side heating , fitted with energy regulator to control heating rate
- Thermometer : Dial type thermometer for temperature indication.

11. SEED SAMPLE STORAGE RACKS

- Racks : Size- 5 boxes of 21" x 16" x 8" size in one rack (Mild steel).

ANNEXURE – III

Manufacture Technical Details

1. Name of the machine :
2. Manufacturer's name :
3. Make / brand name :
4. Detailed specification :
5. Technical details :
6. Literature / pamphlets of the machine:
7. List of parties to whom such equipments/
instruments has been supplied:
8. Other references :
9. Warranty period:
10. Service backup:
11. Special features of the machineries:
12. Training facilities to be offered:

ANNEXURE IV

LETTER OF TENDER

To

The Director,
Department of Agriculture,
New Light House Road,
Vamba Keerapalayam,
Puducherry – 605001.

Sir,

Sub: Tender for the Supply of Laboratory Instruments and Equipments
for Strengthening of State Seed Testing Laboratory-Reg.

We the undersigned do hereby tender and undertake to perform, provide execute all the works, materials, matters and things described or intimated in the various schedules here to annexed and the specification thereto (which have been produced to and carefully examined by us) in strict accordance with and subject to the terms, provisions and conditions set forth or mentioned in the said schedules, specification at the rates given and as stated in the price schedule.

2. We herewith enclosed DD/Banker's Cheque/ NSC No. _____ Date _____ in favour of the Additional Director of Agriculture (LUP&QC), Puducherry – 605009 for ₹ _____ (Rupees _____ only) as a Guarantee for the due fulfillment of our tender EMD and, if successful, undertake an agreement to forward to the Director of Agriculture, in fifteen days after the notification of the acceptance by the Director of Agriculture, of this tender has been received by us, for the due fulfillment of our contract.

3. We undertake and agree that will not withdraw this tender during the period that will be required for intimation of acceptance or non-acceptance as stipulated of the tender documents such period to date from the last date by which tenders are due to be submitted to the Additional Director of Agriculture(LUP&QC), Puducherry. If we do so withdraw, we shall forfeit the EMD to the Additional Director of Agriculture (LUP&QC) we agree to execute at our cost the agreement in fifteen days after the notification acceptance of our tender has been received by us.

4. In the event of our failing to make security deposit or to execute the agreement in the said manner, the EMD accompanying this tender shall be forfeited the Additional Director of Agriculture (LUP&QC) and this concluded contract shall in such case can be considered as having been cancelled or terminated and we agree to be liable irrespective of the forfeiture aforesaid for all damages, loses, costs, charges and expenses arising from or by reason of such failure and arrangements.

As witness our hand this _____ day of _____ of 20.....

Place:
Date:

Signature of Tenderer.
Name & Address

ANNEXURE – V
DECLARATION

Tender for supply of the Laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory

Declaration by the Tenderer (To be submitted with the tender)

- 1) I /We _____ have gone through the instructions in the tender and agree by all conditions mentioned there in.

- 2) I/We _____ hereby state that I /we have remitted ₹ _____ (Rupees _____ only) in the form of Demand draft/Bankers cheque/NSC bearing no: _____ dated : _____ Drawn on _____ Bank _____ branch, in favour of the Additional Director of Agriculture(LUP&QC), Puducherry, 605009 as Earnest Money Deposit and agree to have it forfeited to the Department of Agriculture, in case of my/our failure to undertake the contract for the items accepted by Tender Accepting Authority, Puducherry.

- 3) I/we hereby certify that the price quoted by me/us is to the best of my/our knowledge and belief, are not more than the price which is permissible for me/us to charge a private purchaser for the same items and description of the Laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory under the provisions of any law in force.

- 4) I/we hereby certify that the rates quoted in this tender in final and I /We will not come forward of any revision or alternation in rates quoted subsequently due to hike in price or any other reason.

- 5) I/We hereby accept to forfeit the Earnest Money Deposit in the event of withdrawal to tender by me/us subsequent to opening of the tender.

- 6) Further, I/we assure that our firm is not blacklisted in any of the firm/Government Institutions.

SIGNATURE OF THE TENDERER

ANNEXURE-VI

Production / Sale experience of the manufacturer/retailer.

Reference list of contracts executed by the applicant to establish his capacity to supply of
_____ (mention the item)

Financial Year	Name, address of the Dept/Organization & other	Contract Ref. No. & date	Contract value in	Quantity supplied in Nos.	Date of purchase order/agreement	Date of supply

Contact official of the Department/ Organization with whom the contract is executed

Name :

Phone No:

Note : Documentary evidence should be given for the production and sale of Laboratory Instruments and Equipments in each of the preceding three years.

Signature of the Tenderer.

**Name & Address
Company Seal**

ANNEXURE – VII

**FORM OF LETTER CONFIRMING THE TECHNICAL AND COMMERCIAL
TERMS & CONDITIONS OF THE TENDER.**

To.

The Director,
Department of Agriculture,
New Light House Road,
Vamba Keerapalayam,
Puducherry – 605001.

Sir,

Sub: Tender for the supply of Laboratory Instruments and Equipments
for Strengthening of State Seed Testing Laboratory, Puducherry.

We have examined the tender document, the receipt of which is hereby acknowledged.

We have submitted our tender ref _____ dated _____ for the supply of laboratory Instruments and Equipments for Strengthening of State Seed Testing Laboratory, Puducherry as per the specifications and terms and conditions of the tender document.

2. We confirm that our tender is in conformity with the technical specifications and commercial terms & conditions as stipulated in the tender document and without any deviations whatsoever. We are aware that our tender is liable for disqualification in the event of technical and commercial deviations are observed by the tender accepting authority at a later date during the process of evaluation of our tender.

3. Thanking your and assuring you of our best services always.

Very truly yours,

Name of the Tenderer:

Signature and name of the authorized signatory:

Company seal:

Annexure –VIII

**FORM OF MARKETING BETWEEN DISTRIBUTOR AND MANUFACTURER ON
100 RUPEES NON JUDICIAL e-STAMP PAPER NO. _____
DATED _____**

To,

Dear sir,

Tender No: _____ Manufacturer cum seller license No. _____/Registration
BIS Certificate No. _____

We _____ who are manufacturer and seller of Laboratory Instruments,
Equipments and Sophisticated Equipments having office at _____ and do
hereby agree to supply _____ Nos. of _____ to
M/s. _____ (Name and address of representative).

We hereby undertake to extended our full Guarantee and warranty as per conditions of
contract for the Laboratory Instruments and Equipments offered for supply against this tender
invitation for bid by the above firm.

Yours faithfully,

(NAME)

For and on behalf of
M/s. _____ (Name of the firm)