

**Tender Schedule (RFP) for Selection of Agencies  
for Supply of Equipment for Biological Control  
Laboratories and Bio Fertilizer Lab**



**Department of Agriculture  
Government of Andhra Pradesh  
Commissioner & Director of Agriculture  
Chuttugunta Center, Old Mirchi Yard, Guntur -  
522004 Ph: 8331056011, 8331056034  
e-mail: [bclabscda@gmail.com](mailto:bclabscda@gmail.com)**

**TENDER NOTICE**

This Request for proposal/Tender Document is being published by Department of Agriculture, Government of Andhra Pradesh to select an agency(s) for supply of Equipment for Biological Control Laboratories and BFL of Andhra Pradesh.

All interested bidders shall pay EMD and submit their Technical responses to this office (off line) as well as in AP e-Procurement portal and Financial responses (Online only) through AP e-Procurement platform i.e. [www.apecurement.gov.in](http://www.apecurement.gov.in)

This RFP document comprises of 3 sections namely;

- Section 1 : Scope of Work and Technical requirements
- Section 2 : Instructions to Bidders & Bid Process
- Section 3 : Draft Contract Agreement

Bidders are advised to study this Tender document carefully before submitting the Bids in response to the Tender notice. Submission of a Bid in response to this notice shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.

This Tender document is not transferable. Before submission of bids, bidders must ensure that scanned copy of all the necessary documents have been attached with the bid in the portal. The Agriculture Department is not responsible for delay in Bid submission due to any reason. Bidders are advised to submit the necessary EMD, and Bid documents on the e-Procurement Portal well in advance. Bidders are requested to attend a pre-bid meeting as per details provided on the e-Procurement Portal.

**Critical Information:**

Bid calling date	<b>13.09.2023</b>
Pre bid Meeting	<b>19.09.2023</b>
Technical Bid Cover submission Date/time (Offline)	<b>25-09-2023 at 12.00 Noon</b>
Demo of the products (Mandatory)	<b>25.09.2023 &amp; 26.09.2023</b>
Communication to technically qualified bidders	<b>27.09.2023 through e-mail/Phone</b>
Financial Bid Submission (AP e-procurement portal only)	<b>29-09-2023 at 02.00 PM</b> <b>Reverse Auction will follow</b>
DEPARTMENT OF AGRICULTURE Contact person	<b>Contact Nos:</b> <b>Joint Director - 83310 56011</b> <b>Asst Director - 8331056034</b>
DEPARTMENT OF AGRICULTURE Reference No.	<b>AGC02-11029/13/2023</b>

For any assistance with regard to e Procurement the bidders may contact 08645-246370  
/ 71 / 72 / 73 / 74

**Note:**

- All the bidders should take care of validity of digital keys themselves(If applicable).
- No assistance pertaining to digital keys from this office will be provided.
- Bidders should contact AP e-Procurement Portal contact No's only for any technical clarification of the eportal.

Tenders are invited by the Commissioner of Agriculture, Dept of Agriculture, Government of Andhra Pradesh on e-Procurement platform **from the original equipment manufacturers (OEM) or any Agency Authorized by OEM** for the supply of equipment for Biological Control Laboratories of Andhra Pradesh at different locations as listed under "Annexure - B" of this document.

Commissioner of Agriculture shall issue Purchase Orders (POs) to supply of Equipments for Biological Control Laboratories based on need and requirement. **Bidders should note that all prices quoted shall remain unchanged for duration of One Year from the Bid closing date.**

## Newspaper Advertisement



## DEPARTMENT OF AGRICULTURE

**RFP for selection of supplier of Equipment for Biological Control Laboratories and BFL of Andhra Pradesh**

Time schedule of various tender related events:

Bid calling date	13.09.2023
Prebid Meeting (Through on line)	19.09.2023
Technical Bid Cover submission Date/time (Offline)	25-09-2023 at 12.00 Noon
Demo of the products (Mandatory)	25.09.2023 & 26.09.2023
Communication to technically qualified bidders	27.09.2023 through e-mail/Phone
Financial Bid Submission (AP e-procurement portal only)	29-09-2023 at 02.00 PM Reverse Auction will follow
DEPARTMENT OF AGRICULTURE Contact person	Contact Nos: Joint Director - 83310 56011 Asst Director - 8331056034
DEPARTMENT OF AGRICULTURE Reference No.	AGC02-11029/13/2023

Note: The tender details and specifications can also be seen on [www.apecurement.gov.in](http://www.apecurement.gov.in) and <http://www.apagrisnet.gov.in>

Spl. Commissioner of Agriculture  
Andhra Pradesh, Guntur

## Table of Contents

S No	Description	Page No
<b>SECTION 1: SCOPE OF WORK AND TECHNICAL REQUIREMENTS</b>		
1	Introduction	8
2	Scope of Work	9
3	Technical Specifications of Equipment	9
4	Project Duration & Timelines	9
4.1	Duration	9
4.2	Timelines	10
<b>SECTION 2: INSTRUCTIONS TO BIDDERS &amp; BID PROCESS</b>		
1	<b>General Instructions to Bidders</b>	10
1.1	Completeness of Response	10
1.2	Proposal preparation costs & related issues	11
1.3	Right to terminate the process	11
1.4	Amendment to RFP	11
1.5	Language of Bid	12
1.6	Bid Document	12
1.7	Preparation of Proposals	12
1.8	Submission of Responses	13
1.9	Financial Proposal	13
2	<b>Technical Eligibility Criteria</b>	14
2.1	EMD	16
2.2	Shortlist Criteria	18
2.3	Technical Evaluation	18
2.4	Technical Evaluation Criteria	19
3	<b>Commercial Bid Evaluation</b>	20
3.1	Right to Accept or Reject the Bid	20

	3.2	Prices of bid	20
	3.3	Reverse Auction	20
4		Negotiations	21
5		Award of Contract	21
6		Warranty	21
7		Change Orders	22

8		Contract Amendments	22
9		Bidders Authorized Signatory	22
10		Signing of Contract	22
11		Assignment	23
12		Sub Contracts	23
13		Delays in the Supplier's Performance	23
14		Payment terms	23
15		Force majeure	24
18		Termination of Convenience	25
19		Resolution of disputes	25
20		Governing Languages	26
21		Applicable Law	26
22		Binding Clause	26
23		Deviations	26
24		Confidentiality	26
25		Legal Jurisdiction	27
26		Notices	27
27		Taxes & duties	27
28		Standards	27

29	Performance Bank Guarantee	27
30	Rejection of Bids	28
31	Technical Rejection Criteria	28
32	Commercial Rejection Criteria	29
Annexure – 1:	Technical Specifications Compliance sheet	29
Annexure – 2:	Tender Form	30
Annexure – 3:	Turnover	31
Annexure – 4:	Manufacturer Authorization Form (MAF)	32
Commercial Bid		32
Annexure – 5	Undertaking on Not Being Black-Listed	33
Annexure – 6	Undertaking on Acceptance of Terms and Conditions inTender	34
Annexure - 7	Undertaking on litigation(s)	35
Annexure - 8	Performance Bank Guarantee (PBG)	36
SECTION 3: DRAFT CONTRACT AGREEMENT		37
Annexure – A	Schedule wise Technical Specifications of theequipment	40
Annexure –B	Location of Biological Control laboratories	54

## SECTION 1: SCOPE OF WORK AND TECHNICAL REQUIREMENTS

### 1. Introduction

Andhra Pradesh being an agrarian state, Government of Andhra Pradesh primarily focuses on agriculture and farmers welfare. Due to pests and diseases we are incurring a loss of 30-35% of crop production. Indiscriminate use of fungicides, pesticides and fertilizers resulted a buildup of resistance in the diseases and pests. Bio-control agents, Bio-pesticides and bio fertilizers have emerged as a viable alternatives. Bio-pesticides and bio fertilizers in a broader sense are the formulations of biological origin i.e. botanical and microbial. The use of microbial pesticides and bio fertilizers is one of the major components of IPM & has gained prominence as these are generally specific and harmless to beneficial insects, animals and human beings with no residue problems and environmental hazards. Mass production of microbial bio-pesticides and bio fertilizers and distribution of bio-agents and bio fertilizers under various farmers welfare developmental schemes like Polambadi, National Food Security Mission (NFSM) and Seed Supply Plan to the farmers of A.P etc., and to minimize the utilization of chemical fertilizers and chemical pesticides in crop cultivation and to reduce the environmental pollution hazards. *Trichoderma viride* and *Pseudomonas fluorescence* are most commonly used microbial pesticides and PSB, *Rhizobium*, *Azospirillum*, *Azotobactor* and KRB are most commonly used bio fertilizers in our state.

Eleven (11) Biological control Labs are functioning and two BCLs are going to be establish in the state and bio pesticides that are being produced in 11 biological control labs in the state are *Pseudomonas fluorescence*, *Trichoderma viridi* and *Metarrhizium anisopliae* with an aim to supply the bio pesticides under various farmer welfare developmental schemes and a total quantity of **348.07 MTs** of *Trichoderma viride*, **163.08 MTs** of *pseudomonas fluorescence*, **0.20 MTs** of *Metarrhizium* and **9192 No.s** of *Trichogramma* cards were produced during 2022-23.



One bio fertilizer lab is functioning in the state and bio fertilizers that are being produced in the lab are PSB, Rhizobium, Azospirillum, Azatobactor and KRB with an aim to supply bio fertilizers under various farmer welfare developmental schemes. And a total quantity of 60.33MTs of Biofertilizers were product during 2022-23

## **2. Scope of Work**

**The following activities are to be carried out by the bidder under this assignment;**

- a) Supply the equipment to Biological Control Labs and BFL as per the Technical specifications of this tender document. It is the responsibility of the bidder to ensure that all related components are supplied.
- b) Provide Warranty as per Technical specifications and Tender conditions along with AMC for 3 years for the Equipment. The Agency should honor to extend AMC after 3 years warranty period also as per the request or need of the department.
- c) The equipment has to be supplied/ delivered at the Laboratories across the state as specified in the Purchase Order (the details are provided under **Annexure –B** of this document). It is the responsibility of the bidder to arrange for smooth transportation, installation, demonstration and training to the staff in operation of equipment to all the Biological Control Laboratories and BFL as stated under **Annexure – B** of this Tender document at their own cost. Bidder is responsible for any damage caused during the transportation. Any such damaged items have to be replaced by the bidder at no additional cost to Commissioner of Agriculture, AP, Guntur.
- d) Bidder is responsible for paying of all the applicable taxes and levies which includes insurance if required during transit of items to locations stated under Annexure –B.

## **3. Technical Specifications of Equipment Required to Biological Control Laboratories:**

All the technical specifications of the items/equipment is stated under **Annexure –A**

## **4. Project Duration & Timelines**

### **Duration**

Commissioner of Agriculture, Department of Agriculture issues Letter of Intent (LoI) to the successful bidder(s). The successful bidder(s) has to submit Acceptance letter to Commissioner of Agriculture within 7 days from the date of LoI. Further, the bidder has

to submit the Performance Bank Guarantee (PBG) in the form of a DD or Bank guarantee for an amount equal to 3-10 % of the total order value based on the type of equipment and is fixed by the Commissioner of Agriculture. On receipt of Performance Bank Guarantee from the bidders, Commissioner of Agriculture issues the Purchase Order(s) (POs) to the successful bidders based on the need & requirement, for the supply of equipment to the respective Biological Control Laboratories and BFL.

### Timelines

Activity-wise timelines is shown in the table below:

S No	Activity	Timelines by which activity needs to be completed
1	Issue of Lol (Letter of Intents) by commissioner of Agriculture, Department of Agriculture, AP to the Successful Bidder(s)	T0
2	Submission of PBG by successful bidders	T0 +7 days = T1
3	Issue of PO by Commissioner of Agriculture, Department of Agriculture	T1 + 3 day = T2
4	Supply of Equipment to BC Labs	T2 + 20 days from date of issue of Purchase Order =(T3)
5	Installation and Demonstration/Training on the equipment to Lab staff.	T3+ 5 days = (T4)
6	Submission of Invoices and all related documents for processing of payment along with certificate(s) of successful demonstration of the equipment	T4 +1 day

## SECTION 2: INSTRUCTIONS TO BIDDERS & BID PROCESS

### 1. General Instructions to Bidders

#### Completeness of Response

Bidders are advised to study all instructions, forms, requirements and other information in this document carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications. The response to this RFP should be full and complete in all respects. Failure to furnish any information required by the RFP documents or submission of a proposal not substantially responsive to this document will be at the Bidder's risk and may result in rejection of its Proposal.

**Proposal preparation costs & related issues.**

The bidder is responsible for all costs incurred in connection with participation in this process, including but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by facilitating the evaluation process, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by facilitating the evaluation process.

Will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

This RFP does not commit to award a contract or to engage in negotiations. Further, non-reimbursable cost may be incurred in anticipation of award or for preparing this RFP.

**Right to terminate the process**

DEPARTMENT OF AGRICULTURE has the right to terminate the RFP process at any time and without assigning any reason. DEPARTMENT OF AGRICULTURE makes no commitments, express or implied, that this process will result in a business transaction with anyone.

This RFP does not constitute an offer by DEPARTMENT OF AGRICULTURE. The bidder's participation in this process may result in short listing of the bidder(s).

**Amendment to RFP**

At any time, prior to the deadline for submission of bids, DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH may, for any reason, whether on its own initiative or in response to a clarification request by a prospective bidder, modify the bidding documents and can issue corrigendum. The Department of Agriculture has the right to add or delete an item/equipment as well as to modify the Quantity or Specifications by issue of Corrigendum.

In order to allow prospective bidders reasonable time to consider the amendments while preparing their bids, DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH at its discretion , may extend the deadline for the submission of bids.

### **Language of Bid**

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH shall be in English language only.

### **Bid Document**

The Bidder shall complete the Technical Bid and Financial Bid furnished with this document giving details as per the format mentioned in the e-Tendering website [www.tender.apecprocurement.gov.in](http://www.tender.apecprocurement.gov.in). The bidder shall also complete the bid form and submit it along with the bid. The physical copies of Technical bids should be submitted at the Agriculture Commissionerate office, Chuttugunta Center, AP, Guntur, 522004 apart from submitting through online as stipulated in the RFP.

### **Preparation of Proposals**

The Proposal as well as all related correspondence exchanged by the bidders and DEPARTMENT OF AGRICULTURE shall be written in English language, unless specified otherwise.

In preparing their Proposal, Bidders are expected to examine in detail the documents comprising the RFP. Material deficiencies in providing the information requested may result in rejection of a Proposal.

The Technical Proposals shall contain an Executive summary giving a brief overview of the way the bidder proposes to achieve the outcomes and the assessment of resources required.

The bidder is expected to submit the Technical Proposal as per this document. Submission of the wrong type of Technical Proposal will result in the proposal being deemed non-responsive. The Technical Proposal **shall not include any financial information.**

## **Submission of Responses**

The bidder shall submit the Technical Proposal (Offline on 25 - 09 -2023 @ 12 PM for physical verification) at Commissionerate of Agriculture, Chuttugunta Center, Guntur, Andhra Pradesh-522004. The Financial proposal must be submitted through [www.apecprocurement.gov.in](http://www.apecprocurement.gov.in) only on or before last date & time given in this document.

The bids submitted by telex/telegram/fax/e-mail, etc. shall not be considered. No correspondence will be entertained in this matter.

The original proposal both Technical and Financial shall contain no interlineations or overwriting, except as necessary to correct the errors made by the bidders themselves. The same authorized representative who has signed the proposal shall initial the corrections.

An authorized representative of the bidder shall initial on all the pages of the original Technical and Financial Proposals. One set of the documents necessary for Qualification given in this document shall be submitted. An authorized representative of the bidders shall initial (sign) all pages of Qualification documents submitted.

DEPARTMENT OF AGRICULTURE reserves the right to modify and amend any of the above-stipulated condition /criterion depending upon assignment/project priorities vis-à-vis urgent commitments.

## **Financial Proposal**

### **Cost of Bidding**

The Bidder shall bear all the costs associated with the preparation and submission of its bid and DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH will in no case be responsible or liable for these costs, regardless of conduct or outcome of bidding process. Cost of bidding is exempted for the Bidders having the NSIC or MSME Certificate. Bidder must submit the valid proofs from NSIC or MSME at the time of Bid submission.

## Content of Bidding Document

The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents in format or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

The Bidder shall submit the Technical Bid and a Financial Bid as per the format mentioned in the e-Tendering website. In addition the bidder should submit all the physical documents of all the technical bid (Off Line) also. Telex, Cable, e-mailed or facsimile bids will be rejected.

## 2 Technical Eligibility Criteria

Only those interested bidders who satisfy the following eligibility criteria should respond to this Tender. Bidders have to submit proper documentary proof mandatorily, for each of the clause, failing which the bid is subject to rejection.

Sl. No	Minimum Eligibility Criteria	Proof to be submitted for fulfilling the Eligibility
1	The Bidder shall be a Original Equipment manufacturer of the items or an Agency authorized by OEM	Registration Certificate of the firm / Company or In case of Agency authorized by OEM authorization certificate from Manufacturer on letter head duly signed and stamped.
	The firm should have at least 3 years' experience. At least one experience certificate for 3 different years after 01.04.2020 in Manufacturing / Supplying such items.	Documents (Purchase orders) to prove that the company / firm have supplied such items in their business for 3 years from 01.04.2020 onwards. The bidder should submit the experience certificate for each calendar year separately. <b>(Purchase Orders along with Installation Certificates).</b>  <b><u>Client's feedback:</u></b> Satisfactory work execution reports from previous clients may be submitted on their letter head having contact details in the following points.

2		<p>1. Timely completion: within time period/ extended period if any.</p> <p>2. Cost escalation issues: completed with the contract value / increased or decreased.</p> <p>3. Quality of work, equipment and performance:</p> <p>4. Attitude of agency &amp; After Sales service</p> <p>5. Commitment of the agency towards the warranty</p> <p>*(Note to client: 1 to 5 scaling may be given for the above points. Where 1 denotes least quality/performance and 5 denotes, is best quality/performance. )</p> <p>1 is for poor performance, 2 for average, 3 for satisfactory, 4 for good and 5 for excellent.</p> <p>Aggregate total of above points if less than 3 are not qualified for bidding. The above satisfactory report may be certified by the Head of Institution /organization / Division i/c.</p>
3	In respect of manufacturers gross annual turnover of Rs. 1.00 Crore at least for one year during last three financial years (FY 2020-21, 2021-22 & 2022-23). In respect of Agency authorized by OEM, the Turn over of the manufacturer will be taken into account.	Turnover Certificate by a Chartered accountant should be enclosed for FY 2020-21, 2021-22 & 2022-23
4	The firm should be income tax assesses at least for a period of three years for the last 3 Assessment years.	Self- attested copies of the acknowledgments of Income tax returns for AY 2020-21, AY 2021-22, AY2022-23 and PAN Card of the firm should be enclosed.
5	The firm should be registered under GST.	Self-attested copy of the certificate of GST registration.

6	In case a bidder bids on behalf of more than one Manufacturer for different items, he should be an Agency authorized by OEM.	Authorized agency Certificate from each manufacturer, along with authorization to participate in the tender on behalf of the manufacturer/company.
7	Earnest Money Deposit	The firm(s) shall require to submit the EMD in the form of Account Payee Demand Draft, or Bank Guarantee (to remain valid for a period of 45 days beyond final bid validity) from any of the Commercial Banks could be drawn in favour of "Special Commissioner of Agriculture" payable at Guntur.

**Note:**

- Special Commissioner of Agriculture, Department of Agriculture, Andhra Pradesh reserves the right to verify, if it so desires, the correctness of documentary evidence furnished by the bidder.
- Commissioner of Agriculture, Department of Agriculture, Andhra Pradesh reserves the right to seek clarifications if any, regarding the documents submitted or any information furnished by the bidder.
- In the absence of the any supporting documents stated above, the bid will be rejected.

**EMD**

The bidders shall pay EMD in the form of a DD or Bank Guarantee Equipment /item/ schedule wise as mentioned against each with the technical bid enclosures. EMD shall be valid for 45 days beyond the last date of bid validity. The bidders can participate in any number of items of their choice.

S No	Item description	Required No.	EMD ( In Rupees )
1	Vertical Autoclave (150 lts)	13	32,500
2	Horizontal Autoclave(430 lts)	2	28,000
3	Horizontal Autoclave(240 lts)	2	20,000



4	Fermenter (100 lts) with Steam generator and Air Compressor	10	1,50,000
5	BOD incubator	10	5,000
6	Hot Air Oven	7	7,000
7	Digital Electronic Balance (Upto 500gms)	3	3,000
8	Laminar Air Flow	6	12,000
9	Mechanical Shaker	8	20,000
10	Ribbon Blender	6	30,000
11	Trinacular Microscope magnus with camera	8	28,000
12	Double door refrigerator with 300 lts capacity with 1KVA stabilizer	7	2,800
13	Air Conditioner 2 Tons capacity	12	6,000
14	Furniture	2	2,000
15	Glassware	2	2,000
16	Automatic Packing and Sealing Machine	7	2,800
17	Digital pH Meter	8	2,800
18	Single Distillation Unit with Water Softner	7	2,800
19	Desk top Computer with UPS and Printer	7	7,000

EMD of the successful bidder will be retained by the Department and the unsuccessful bidders will be returned without any interest. **The EMD amount will be released within one month to the unsuccessful bidders.**

Any attempt by a Bidder to influence the bid evaluation Process may result in the rejection of its RFP Proposal.

Bids received by Special Commissioner of Agriculture, Dept of Agriculture, Chuttugunta Center, Guntur, Andhra Pradesh shall be evaluated by a Technical committee formed for evaluation purposes in the presence of authorized person of the

Company/agency. All the bids shall be initially checked for satisfying the Tender Eligibility Criteria mentioned below. All bids that satisfy the eligibility criteria shall be considered for the Technical evaluation process.

### **Short listing Criteria**

DEPARTMENT OF AGRICULTURE will shortlist the schedule/item wise bidders list who meet the Qualification criteria mentioned in this RFP document.

### **Technical Evaluation:**

Only those bids which satisfy the Tender Eligibility criteria stated above shall be considered for the Technical evaluation.

- a) The Technical Evaluation Committee constituted by Government will evaluate the responses to the Tender and all supporting documents / documentary evidences. To assist in the examination, evaluation and comparison of bids Commissioner of Agriculture, Department of Agriculture, Andhra Pradesh, at its discretion may ask the bidder for clarification / confirmation of compliance of its bid. The request for clarification/ confirmation of compliance and the response shall be in writing. However, no post bid clarification / confirmation of compliance at the initiative of the bidder shall be entertained. Inability to submit requisite supporting documents/documentary evidence, may lead to rejection of the bid(s).
- b) The Technical Evaluation Committee reserves the right to reject any or all proposals on the basis of any deviations/non-conformances.
- c) The Technical Evaluation Committee reserves the right to accept or reject any bid, and to annul the Tender process at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for this action.
- d) Each of the responses shall be evaluated as per the criteria and requirements specified in this Tender.
- e) The decision of the Committee will be final in this regard.

Bidder has to provide detailed technical specifications of the items they propose to supply, install and maintain for this project. Also, it is mandatory for the bidders to provide the Datasheet of each item they propose.

**Note:** During execution of the purchase order, if it is found that the technical specifications of any one or all items are inferior / lesser than the technical specifications stipulated in this tender document, then Commissioner of Agriculture, Department of Agriculture, Andhra Pradesh shall technically disqualify the bidder and initiate appropriate action against such bidder.

**Technical Evaluation Criteria:**

S. No.	Criteria	Marks	Maximum Marks
1.	Bidders should have supplied the items given in the schedule at least 25 Government Or Private Organizations in India over a period of last 5 financial years  Purchase Orders and Documentary evidence for delivery on client letterhead to be submitted.	< =15 Organizations : 10Marks 16-24 Organizations : 20Marks > = 25 Organizations : 30Marks	30
2.	Bidders should have supplied at least 50 units per item to Government Or Private organizations in India, in the last 5 financial years.  Purchase Orders and Documentary evidence for delivery on client letterhead to be submitted.	< 10 Units : 5 Marks 11- 30 Units : 10 Marks >30- 50 Units : 20 Marks > 50 Units : 30 Marks	30
3.	Bidder should showcase the items for which they submitted Quote, to Technical Committee (on the day of submission of technical bid)  The Committee will evaluate the items as per specifications. The functionality of the items shall be evaluated and marks will be awarded.	40 Marks	40
<b>Total</b>			<b>100</b>

**Note : Minimum Qualification marks : 75**

### **Commercial Bid Evaluation**

All commercial bids submitted on the e-Procurement portal of technically qualified bidders only shall be opened on the specified date and time. The evaluation committee shall evaluate the commercial bid values to ascertain its compliance to the clauses / criteria stated in this tender document.

### **DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH's Right to Accept Any Bid and to reject any or All Bids**

DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH reserves the right to accept or reject any bid, and to cancel the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH action.

**Prices shall be quoted entirely in Indian Rupees.** The prices shall be on a fixed price basis and should not be linked to the Foreign exchange. The accommodation, travel expenses, logistics, freight charges, Octopi and any other expenses for completing the Scope of Work, should be borne by selected bidder. The uploading of commercial bid along with the technical bid, will lead to rejection of the bid. The Charges/fees quoted should be inclusive of all taxes, duties, etc., and the same shall be deducted as per provisions of law. The bidder who has quoted the **lowest all-inclusive price** would be declared as L1 bidder.

The Department reserves the right to negotiate with the successful bidder based on the evaluation.

### **Reverse Auction:**

After the closing of financial bid, Reverse auction will be initiated with all the technical qualified bidders. Obtaining of Digital keys (If applicable) is the sole responsibility of the bidder. Updating digital key and renewal is also responsible of the bidder. Department holds no responsibility for any lapses in obtaining or renewing of digital key for entering the financial bid.

Registration for Reverse auction is also responsible of the bidder and department of Agriculture holds no responsibility in this matter.

#### **4 Negotiations**

On completion of Reverse auction, Commissioner of Agriculture, Department of Agriculture, Andhra Pradesh reserves the right to negotiate, if needed, with the L1 bidder(s) to reach a final agreement on procurement and signing of contract.

#### **5 Award of Contract**

Commissioner of Agriculture, Department of Agriculture, shall award the Contract to the successful bidder(s) whose bid has been determined to be substantially responsive and has been determined as the lowest price bid, provided further that the bidder abides by all clauses / criteria stated in the tender and is determined to be qualified to perform the Contract satisfactorily. In order to see the supply, execution of contract and commissioning across Biological Control labs effectively and in a quickest possible time, the Commissioner, Department of Agriculture, may exercise the right to split the orders among the L1 and other lowest bidders subject to agreement to the terms and prices as of and at L1.

#### **6 Warranty**

The Supplier warrants that the Goods / items supplied under this Contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods / items supplied under this Contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

This warranty shall remain valid for duration mentioned in this tender after the Goods / items or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract.

All the equipment should be supplied with a minimum of 3 years warranty.

The equipment offered must be a recent model and spares and services must be available for at least 5 years after the warranty period and AMC for 5 years after warranty period.

## **7 Change Orders**

The Purchaser may at any time, by written order given to the Supplier, make changes within the general scope of the Contract.

If any such change causes an increase or decrease in the cost of, or the time required for the Supplier's performance (as a result of change in the volume/quantity of order) of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

## **8 Contract Amendments**

Subject to tender clauses, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

## **9 Bidder's authorized signatory**

A Proposal should be accompanied by an appropriate board resolution or power of attorney the name of an authorized signatory of the Bidder stating that he is authorized to execute documents and to undertake any activity associated with the Bidder's Proposal. A copy of the same should be uploaded under the relevant section/folder on the e- Procurement portal. Furthermore, the bid must also be submitted online after being digitally signed by an authorized representative of the bidding entity.

## **10 Signing of Contract**

DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH will notify the successful Bidder that its bid has been accepted, DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH will send the bidder the Contract Form, incorporating all the agreements between two parties.

Within 15 days of receipt of the Contract Form, the successful bidder shall sign and date the contract and return it to DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH and send copy to DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH.

#### **11 Assignment**

The Bidder shall NOT assign to any third party, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

#### **12 Subcontracts**

The Bidder shall NOT subcontract this contract in whole or in part.

#### **13 Delays in the Supplier's Performance**

Delivery of the Goods / items and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the tender.

If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the Goods / items and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable, after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

Except as provided under Force Majeure clause of this tender, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages (Department shall also blacklist the company/agency if found any deliberate or intentional delays), unless an extension of time is agreed upon pursuant to without the application of Liquidated damages.

#### **14 Payment Terms**

Payment to the successful bidder shall be made as per the terms defined below. **All payments shall be made in Indian Rupees only.** Payments are subject to deduction of taxes. Penalties, if any, as per the Service Levels defined in this tender, shall be deducted from the payments to be made to the successful bidder;

- a) **On Delivery: 75%** (Seventy Five percent) of the contract price shall be paid after receipt of equipment and submission of Acknowledgement of receipt of items .
- b) **On Completion of Training and satisfactory working condition of the equipment:** The remaining 25% (Twenty five percent) of the contract price of equipment shall be paid after successful installation, demonstration, Training and successful performance at the end user and upon the submission of consolidated Utilization Certificates from the concerned ADAs of the BC Labs and duly counter signed by the DAOs of concerned districts. (In the format communicated by the Commissioner of Agriculture.

#### **15. Force majeure**

- a. The Firms/bidder shall not be liable for forfeiture of its EMD, liquidated damages, or termination for default if and to the extent that delays in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- b. For purposes of this clause, “Force Majeure” means an event beyond the control of the Firms/bidder and not involving the Supplier’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Department of Agriculture in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- c. If a Force Majeure situation arises, the Firms/bidder shall promptly notify the Department of Agriculture in writing of such condition and the cause thereof. Unless otherwise directed by Department of Agriculture in writing, the Firms/bidder shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

#### **12.1 Termination for insolvency**

Department of Agriculture may at any time terminate the contract by giving 30 days written notice to the Firms/bidder if the Firms/bidder becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Firms/bidder, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Department of Agriculture.



**18. Termination for convenience**

- a. Department of Agriculture, May at any time by giving 30 days written notice to the Firms/bidder, terminate the Contract, in whole or in part, for its convenience. The notice of termination shall specify that termination is for the Department of Agriculture/Purchaser's convenience, the extent to which performance of the Firms/bidder under the Contract is terminated, and the date upon which such termination becomes effective.
- b. Department of Agriculture may in the following events after giving a prior notice and conducting investigations if required, terminate:
  - i. If the Bidder becomes Bankrupt or financially insolvent during the period of the contract.
  - ii. If it is found that the bidder has been convicted, blacklisted for any unlawful activities.
  - iii. If it is found that bidder has made gross misconduct or involved in practices injurious to the image and interest of the Department or has failed in performing his duties as per contract.

**19. Resolution of disputes**

- a. Department of Agriculture and the Firms/bidder shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.
- b. If, after thirty (30) days from the commencement of such informal negotiations, Department of Agriculture and the Firms/bidder have been unable to resolve amicably a contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified here in. These mechanisms may include, but are not restricted to, conciliation mediated by a third party.

The dispute resolution mechanism shall be as follows:

- c. In case of a dispute or difference arising between Department of Agriculture and the Firm /bidder relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, of India, 1996.

## **20. Governing language**

The contract shall be written in English. All correspondence and other documents pertaining to the contract which are exchanged by the parties shall be written in same languages.

## **21. Applicable law**

The contract shall be interpreted in accordance with appropriate Indian Laws.

## **22. Binding Clause**

All decisions taken by DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH regarding the processing of this tender and award of contract shall be final and binding on all parties concerned.

## **23. Deviations**

The bidder shall not be allowed to make any deviation whatsoever from the terms and condition and technical specifications specified in the Bid. Bidder has to submit his/her self-declaration for the same.

## **24. Confidentiality**

Any attempt by a Bidder to influence DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH in the evaluation of the bids or Contract award decisions may result in the rejection of its bid.

If any Bidder wishes to contact the DEPARTMENT OF AGRICULTURE - GOVERNMENT OF ANDHRA PRADESH during/after opening of the Bid to award of contract. He may do so in writing.

**25. Legal Jurisdiction**

All legal disputes are subject to the jurisdiction of Courts at Guntur only

**26. Notices**

- a. Any notice given by one party to the other pursuant to this contract shall be sent to the other party in writing or by Telex, e-mail, Cable or Facsimile and confirmed in writing to the other party's address.
- b. A notice shall be effective when delivered or tendered to other party whichever is earlier.

**27. Taxes and duties**

The bidder shall be entirely responsible for all taxes, duties, license fee etc. incurred until delivery of the contracted services to Department of Agriculture or as per the terms of tender document if specifically mentioned.

**28. Standards**

- a. The technology and quality of the service should be of the highest standards available in the present market.
- b. Before shipping, the identified Firm will inform Department of Agriculture giving full details about these standards and take approval.

**29. Performance Bank Guarantee:**

The schedule/Item wise selected successful bidder(s) is required to furnish an unconditional and irrevocable Performance Bank Guarantee for an amount equal to 3% to 10% of the total order value based on the type of Equipment and is fixed by the Special Commissioner of Agriculture within the timelines stated in this tender. The Performance Bank Guarantee should be submitted for the total value of the item which includes Warranty costs and should be valid for 60 days beyond the warranty period. Failure of the successful bidder to comply with the requirement of submitting the Performance Bank Guarantee shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD. The model format of the Performance is also available in [www.apagrisnet.gov.in](http://www.apagrisnet.gov.in).

### **30. Rejection of Bids:**

Besides other conditions and terms highlighted in the tender document, bids maybe rejected under following circumstances:

### **31. Technical Rejection Criteria**

- Bids submitted without EMD & Tender Processing fee or with improper EMD& Tender Processing fee.
- Bids which do not conform to required validity period of the bid as prescribed in the Tender.
- Failure to conform to eligibility criteria & Technical evaluation (Specifications) as per this tender.
- If the information provided by the Bidder is found to be incorrect/ misleading at any stage/time during the Tendering Process.
- Any effort on the part of a Bidder to influence the bid evaluation, bid comparison or contract award decisions.
- Bids without signature of person (s) duly authorized on required pages of the bid.
- Bids without power of authorization and any other document consisting of inadequate proof of the ability of the signatory to bind the Bidder.
- Technical Bid containing commercial details.
- Revelation of Prices in any form or by any reason before opening the Commercial Bid.
- Failure to furnish all information required by the tender Document or submission of a bid not substantially responsive to the Tender Document in every aspect.
- Failure to furnish proofs for information provided.
- Bidders not quoting for the complete Scope of Work as indicated in the Tender documents, corrigendum / addendum (if any) and any subsequent information given to the Bidder.
- Bidders not complying with the Technical and General Terms and conditions as stated in the tender Document.
- The Bidder not conforming to unconditional acceptance of full responsibility of providing services in accordance with the Scope of work and Service Levels defined in this tender.

- If the bid does not conform to the timelines indicated in the bid.
- Any false declaration by the bidder during the bidding process, following action maybe taken:
  - ✓ Liable for Legal Action
  - ✓ Forfeiture of entire EMD/PBG
  - ✓ Forfeiture of any Released payments
  - ✓ Blacklisting of the Vendor

### **32. Commercial Bid Rejection Criteria**

- Incomplete Price Bid
- Price Bids in which prices are not quoted or zero price quoted for one or more items.
- Total price quoted by the Bidder does not include all statutory taxes and levies applicable.
- Conditional price bid.

### **Annexures – Bid Submission Formats**

#### **Annexure – 1**

#### **Technical Specifications Compliance sheet**

The **Technical Specifications Compliance** sheet provided in this Tender document has to be filled, and signed with seal by authorized signatory of the bidder and uploaded along with the Technical bid. Technical specifications supported by printed literature of the manufacturer, giving all the details of conformity and non conformity if any be submitted. Additional features if any with support may also be submitted. Failure to submit the compliance sheet or bids with incomplete compliance sheet may be rejected by Commissioner of Agriculture, Department of Agriculture, Andhra Pradesh.

Annexure – 2

**TENDER FORM**

Date:

Tender No:

To,  
The Special Commissioner of  
Agriculture, Department of Agriculture,  
Chuttugunta Center, Guntur – 522004  
Andhra Pradesh.

Sir,

Having examined the Tender Documents including Corrigendum / Addendum Nos.....

[insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver..... (*Description of Goods and Services*) in conformity with the said tender documents for the sum stated in the e-Procurement portal for this tender.

We undertake, if our tender is accepted, to deliver the goods in accordance with the Project Deliverables, Project Duration & Timelines.

If our tender is accepted, we will obtain the guarantee of a bank in a sum equivalent to 10% percent of the total Contract Price or as fixed by the Commissioner of Agriculture for the due performance of the Contract, in the form prescribed in this tender.

We agree to abide by this tender for the Tender validity period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India.

We understand that you are not bound to accept the lowest or any tender you may receive. We clarify/confirm that we comply with the eligibility requirements as per clauses of the tender.

Dated this ..... day of ..... 2023

---

(Signature) (in the capacity of)

Duly authorized to sign Tender for and on behalf of \_\_\_\_\_

Annexure –3

**Turnover**

*[Auditor's certificate shall be issued by the Chartered Accountant Firm/Chartered Accountant who regularly audit the Company's accounts]*

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that the annual turnover furnished by << COMPANY NAME >> for last 3years i.e. 2020-21, 2021-22 and 2022-23 as below. This is as per the Statement of Accounts which has been duly verified by me and found correct.

Financial year	Total Turnover of theCompany (Rs. In Lakhs)	Total Turnover from sales (Rs. In Lakhs)
2020-21		
2021-22		
2022-23		

Chartered Accountant Name &amp; Address:

Signature:

Seal:

Annexure – 4

**Manufacturer Authorization Form (MAF)**

[On Original Equipment Manufacturers' (OEM) Letter Head]

*Note: This letter of authority should be on the letterhead of the concerned manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.*

**Manufacturers Authorization Form (MAF)**

**Date: dd/mm/yyyy**

To,  
The Special Commissioner of Agriculture,  
Department of Agriculture,  
Chuttugunta, Guntur – 522004  
Andhra Pradesh.

Sir,  
Sub: Manufacturer Authorization for Supply of Equipment to Biological Control Labs.  
Ref.: Tender No: <TENDER REFERENCE NUMBER> dated <DD/MM/YYYY>

We, \_\_\_\_\_ (name and address of the OEM manufacturer), who are established and reputed manufacturers of \_\_\_\_\_ (name and description of goods offered) having factories at \_\_\_\_\_ (addresses of manufacturing locations) do hereby authorize M/s \_\_\_\_\_ (name and address of the Bidder) to submit bid, negotiate and sign the contract with you for the items manufactured by us against the above mentioned tender.

We also certify that the Products offered would not be discontinued or be declared end-of-life or end-of-support for a period of 5 years from the date of Purchase Order.

We hereby extend our full guarantee and warranty for 3 (Three) years, as per tender clauses for the items offered for supply and support by the above firm against this tender.

Yours faithfully,

(Name)

(Name of the OEM and seal)

Commercial Bid through Online at [www.apcprocurement.gov.in](http://www.apcprocurement.gov.in)



Annexure – 5

**Undertaking on Not Being Black-Listed**

(On company/Agency letter head)

**Undertaking on Not Being Black-Listed**

Date: dd/mm/yyyy

To,  
The Special Commissioner of Agriculture,  
Department of Agriculture,  
Chuttugunta Center, Guntur – 522004,  
Andhra Pradesh.

Sir/Madam,

Sub.: Undertaking on not being blacklisted.

Ref.: Tender No: <TENDER REFERENCE NUMBER> dated <DD/MM/YYYY>

We hereby confirm that << COMPANY NAME >> is not blacklisted by the Government of Andhra Pradesh or any of its agencies for any reasons whatsoever and not blacklisted by Central / any other State / UT Government or its agencies for indulging in corrupt or fraudulent practices or for indulging in unfair trade practices as on date of publishing of this tender.

Yours faithfully,

Authorized

Signatory Name

of Signatory:

Date:

Place:

**Note:** This undertaking should be on the letter head of the bidder and should be duly signed and sealed by the authorized signatory of the bidder.

Annexure – 6

Undertaking on Acceptance of Terms and Conditions in Tender  
(On company/Agency letter head)

Undertaking on Acceptance of Terms and Conditions in Tender

Date: dd/mm/yyyy

To,  
The Special Commissioner of Agriculture,  
Department of Agriculture,  
Chuttugunta, Guntur – 522004  
Andhra Pradesh.

Sir / Madam,

Sub.: Undertaking on acceptance of terms and conditions of this Tender.

Ref.: Tender No: <TENDER REFERENCE NUMBER> Dated <DD/MM/YYYY>

I have carefully gone through the Terms & Conditions contained in this tender document.

I hereby confirm that all the provisions of this tender Document & Corrigendum / Addendum issued are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

Authorized  
Signatory Name  
of Signatory:  
Date:  
Place:

Note: This undertaking should be on the letter head of the bidder and should be duly signed and seal affixed by the authorized signatory of the bidder.

**Annexure-7**

**Undertaking on litigation(s)**

(On company's letter head)

To,

The Special Commissioner of Agriculture,

Department of Agriculture,

Chuttugunta Center, Guntur – 522004

Andhra Pradesh.

**Undertaking on litigation(s)**

This is to certify that << COMPANY NAME >> is not involved in any major litigation(s) that may have an impact of affecting or compromising the delivery of services as required under this Tender.

Yours faithfully,

Authorized Signatory

Name of Signatory:

Date:

Place:

Note: This undertaking should be on the letter head of the bidder and should be duly signed and seal affixed by the authorized signatory of the bidder

Annexure-8

Performance Bank Guarantee (PBG)

To,  
The Special Commissioner of Agriculture,  
Department of Agriculture,  
Chuttugunta Center,  
Guntur - 522004  
Andhra Pradesh.

WHEREAS (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No..... dated,..... 2023 to supply (Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of ..... (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of ..... (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the .....day of..... 2023.

Signature and Seal of Guarantors

.....  
.....  
.....

Date.....2023

Address:.....

.....

### SECTION 3: DRAFT CONTRACT AGREEMENT

**THIS AGREEMENT** made the .....day of , 2023 Between ..... (Name of purchaser) of (Country of Purchaser) (here in after called "the Purchaser") of the one-part and (Name of Supplier) of (City and Country of Supplier) (here in after called "the Supplier") of the other part:

**WHEREAS**, the Purchaser is desirous that certain Goods and ancillary services viz. (BriefDescription of Goods and Services) and has accepted a tender by the Supplier for the supply, installation & maintenance of those goods and services in the sum of..... (Contract Price in Words and Figures) (here in after called "the Contract Price").

#### **NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:**

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - a) this Tender document no. ....../...../.....
  - b) all corrigendum / addendum published for this tender
  - c) the Tender Form and the Price Schedule submitted by the Bidder;
  - d) the Schedule of Requirements;
  - e) the Technical Specifications;
  - f) the General Conditions of Contract;
  - g) the Special Conditions of Contract; and
  - h) Technical Bid, Commercial Bid & other letters (if any) from vendor accepting abidance to the tender conditions.
  - i) the Purchaser's Notification of Award.
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services which shall be supplied/ provided by the Supplier are as under:

(Information for Bidders it should not be uploaded in e-Portal)

SNo	Brief Discription of Goods & Services	Quantity to be Supplied	Unit Price	Total Price	Delivery Terms

TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS where of the parties here to have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the said. (For the Purchaser)  
in the presence of: .....

Signed, Sealed and Delivered by the said (For the Supplier) in the presence  
of:.....

**Note:** The Specifications provided above are minimum and the bidders are free to quote any equipment which are equivalent or better in terms of specifications.

**Quality of the Equipment & Timeliness of Supply:**

The successful bidder should not compromise on the quality and should supply the equipment strictly as per tender specifications.

The entire infrastructure supplied by the Bidders will be verified by a team of technical experts after the completion of supply.

Any equipment, if found sub- standard or not as per Tender specifications, the supplier is liable to the action taken by the Department of Agriculture and the Supplier will be blacklisted in the state on participation of future Tenders and the same will be publicized across the country.

The Supplier should supply the equipment to the Labs as mentioned in the Purchase Order within 20 days failing which the bidder attracts for penalization.

**Annexure - A**

S. No	Item	Specifications	Qty
1	Vertical Autoclave (150 liters)	<ol style="list-style-type: none"> <li>1. Inner and outer chamber SS 304 (with energy regulator)</li> <li>2. Digital temperature controller cum indicator</li> <li>3. Digital timer for 15 min</li> <li>4. Auto pressure cut off and lid is fitted with pressure gauge and operating range from 15 psi to 20 psi pressure. Sterilizing pressure 1.2 kgf/cm(15psi) at 121 °C</li> <li>5. Auto vacuum breaker, safety valve, drain valve, manual exhaust valve</li> <li>6. Auto plugging and exhaust (Solenoid digital valve)</li> <li>7. Water level indicator</li> <li>8. Inner chamber size 550* 750mm and 150 lts capacity.</li> <li>9. K.W. 3.0 , 220 V, AC 50 Hz. ,6KW, Three phase supply.</li> <li>10. Lid closing by Radial locking system and moulded silicone gasket</li> </ol>	13



		11. Sterilizing temperature from 121 °C 12. Pedal lift mechanism to lift the lid.	
2	Horizontal Autoclave (430 liters)	1. Double walled unit, inner chamber made of SS 316 & outer made of S.S. 304. 2. Mounted horizontal on a sturdy, heavy mild steel tubular stand duly powder coated. 3. Inner Chamber dimension -600 mm*1200mm*600mm and capacity 430 liters. 415V,50Hz,Three phase,12KW load capacity. 4. Pressure adjustable from 15-20 psi. Sterilizing pressure 1.2 kgf/cm(15psi) at 121 °C 5. Fitted with pressure gauge, safety valve and steam release valve. 6. These units fitted with S.S. boiler and separate valves for injecting the steam into the main chamber and releasing the steam into atmosphere after use are provided. 7. Automatic vacuum breaker should be provided to break the vacuum in case of formation of vacuum due to steam condensation. 8. Fitted with a Digital temperature controller cum indicator to indicate inner temperature, Automatic pressure control switch and automatic low water level cut-off device. Water level indicator. 9. Lid made of S.S plate provided with radial locking system, silicone gasket 10. ISI mark heating coils. 11. Microprocessor based PID temperature controller with in built timer. 12. SS carriage and MS trolley.	2

3	Horizontal Autoclave (240 liters)	<ol style="list-style-type: none"> <li>1. Double walled unit, inner chamber made of SS 316 &amp; outer made of S.S. 304.</li> <li>2. Mounted horizontal on a sturdy, heavy mild steel tubular stand duly powder coated.</li> <li>3. Inner Chamber dimension -450mm*600mm*900mm and capacity 240 liters. 415V,50Hz,Three phase,12KW load capacity.</li> <li>4. Pressure adjustable from 15-20 psi. Sterilizing pressure 1.2 kgf/cm(15psi) at 121°C</li> <li>5. Fitted with pressure gauge, safety valve and steam release valve.</li> <li>6. These units fitted with S.S. boiler and separate valves for injecting the steam into the main chamber and releasing the steam into atmosphere after use are provided.</li> <li>7. Automatic vacuum breaker should be provided to break the vacuum in case of formation of vacuum due to steam condensation.</li> <li>8. Fitted with a Digital temperature controller cum indicator to indicate inner temperature, Automatic pressure control switch and automatic low water level cut-off device. Water level indicator.</li> <li>9. Lid made of S.S plate provided with radial locking system, silicone gasket.</li> <li>10. ISI mark heating coils.</li> <li>11. Microprocessor based PID temperature controller with in built timer.</li> <li>12. SS carriage and MS trolley.</li> </ol>	2
4	Fermenter ( 100 liters capacity)	<ol style="list-style-type: none"> <li>1. Body 5mm thick of S.S 316 and outer jacket of S.S 304 of 5mm thick all inner connect parts will be S.S 316 including strainer etc. and 2 to 3 layers. Fixed above ground with self ladder facility for inoculation and cleaning.</li> <li>2. Fermenter should be jacketed type for cooling steam heating with Max. Working temperature of 150°C with dished top</li> </ol>	10

		<p>and bottom. An Fermenter should be with in-built sterilizing system and Should be compatible for connecting to steam generator. Inoculation inlet, out let.</p> <ol style="list-style-type: none"> <li>3. Agitator-turbine type with fixed blades and variable 40 to 150 rpm.</li> <li>4. All ports should be of S.S, Air out let, pressure gauge, safety valve, media inlet, water inlet.</li> <li>5. Air filters should be cartridge type primary filter with rating: &lt;0.1 microns with operating pressure of 5kg/cm. Air filters to prevent micro organisms and extra spare parts</li> <li>6. Digital temperature controller cum indicator must be provided with probe, temp 130 °C</li> <li>7. Absolute filters on air with 0.1 un PTFE cartridge absolute filter on exhaust air with SS housing.</li> <li>8. Dry steam supply with an effective pressure of 4.0 bar and pressure indicator</li> <li>9. Power supply 415V, Ac 50Hz.</li> </ol> <p><b>Fermentor accessories</b></p> <p><b>1. Steam Generator</b></p> <p>25 KVA Generator set, III phase with complete Accessories and minimum of 12 mts Cable wiring with ISI mark reputed make with copper wire and insulation with desired load Change Over switches and MCBs of reputed make.</p> <p><b>2. Compressor</b></p> <p>Tank capacity: 200 lts . max pressure 8bars, 440V Ac,50Hz,25 amps starter</p>	
5	BOD incubator(280 liters)	<ol style="list-style-type: none"> <li>1. Capacity – 280 liters</li> <li>2. Temperature range: +5 to 60°C</li> <li>3. Temperature sensitivity: 0.1°C</li> <li>4. Stainless steel inner chamber dimension :510*610*910mm</li> <li>5. No. of Shelves: 4</li> <li>6. Shelves: Perforated stainless steel SS304 with duly polished</li> <li>7. No. of doors: 2</li> </ol>	10

		8. Load per rack: 25-60 kg 9. Light facility: LED light and UV light 10. Inside door: Transparent acrylic. 11. Outside door: Well insulated (PUF) 12. Display: Digital Display 13. Power: supplied through mains or invertors 14. Timer facility should be provided. 15. 230 V,50 Hz, single phase.	
6	Hot Air Oven( 120 liters)	1. Fan oven: Forced convection and capacity 120 liters 2. Temperature :+5°C to 250 °C 3. Digital Control 4. Min temp: Ambient +30°C 5. Power supply:230/240 V, Single phase.	7
7	Digital Electronic Balance	<ul style="list-style-type: none"> <li>Capacity: 500 g</li> <li>Readability: 0.01/0.001 g</li> <li>Tare range: Full</li> <li>Calibration: Automatic external calibration</li> <li>Display: LCD with backlight</li> <li>Pan size: 110 mm x 100 mm</li> <li>Units of measurement: g</li> <li>Operating temperature: 10°C to 50°C</li> <li>Power supply: AC adapter or battery (4 x AA) with battery back-up</li> <li>Construction: Stainless steel pan and ABS plastic housing</li> <li>Dimensions: Approximately 200 mm x 150 mm x 50 mm</li> <li>Weight: Approximately 500 g</li> <li>Features:           <ul style="list-style-type: none"> <li>✓ Overload protection</li> <li>✓ Low battery indicator</li> <li>✓ Auto shut-off after 60 seconds of inactivity</li> <li>✓ Leveling feet for accurate readings</li> <li>✓ RS232 interface for data transfer to a computer or printer</li> </ul> </li> </ul>	3

8	Laminar air flow	<ol style="list-style-type: none"> <li>1. Size : 1.8mts (6feet)</li> <li>2. Work bench Dimensions: W x D 76.8" x 29.5"</li> <li>3. Laminar flow velocity: 0.48mt per second(96 fpm)</li> <li>4. Prefilter: Disposable</li> <li>5. ULPA/HEPA Filter efficiency: 99.99% at particle size between 0.1-0.3 microns.</li> <li>6. Fluorescent lamp intensity: &gt;2300 LUX. UV lamp for pre sterilization of work bench</li> <li>7. Cabinet construction: electro galvanized steel with white oven backed epoxy-polyester powder coated finish coated with isocide antimicrobial coating.</li> <li>9.Cabinet shutter: Fibre glass with two stage folder</li> <li>8. Electrical : 220-240 V AC etc.</li> </ol>		6
9	Mechanical Shaker	<ol style="list-style-type: none"> <li>1. Universal plat form can handle 9 x 9" 1L capacity flasks of 81 nos with rubber discs.</li> <li>2. Platform with a fixed speed of 150 rpm.</li> <li>3. Power: 3 phase.</li> <li>4. Equipment exterior is made of mild steel neatly epoxy power coated.</li> </ol>		8
10	Ribbon Blender	<ol style="list-style-type: none"> <li>1. Drum: Capacity should be 100 Kg per batch, working volume 150 Lts and hydro volume 200 lts</li> <li>2. Inner chamber, shaft and ribbon are made of thick gauze stainless steel SS 304</li> <li>3. Twin coaxial ribbons contra rotating for efficient mixing</li> <li>4. Drum speed: 70-80 RPM.</li> <li>5. Power: 3HP, 3 Phase , 415V 50 Hz</li> <li>6. Mounting: Mild steel epoxy painted</li> <li>7. Blender titable and the material can easily be discharged in to pan.</li> </ol>		6
11	Trinacula Microscope magnus with camera	Head:	Trinocular, 30° inclined and rotatable 360°	8
		Eyepieces:	10x/20mm FOV	
		Nosepiece:	Reversed, quadruple	

		Objectives:	Plan Achromat 4x, 10x, 40x, & 100x Oil	
		Condenser:	1.25 N.A. Condenser	
		Stage:	Rackless mechanical stage	
		Focusing:	Coarse & Fine	
		Illumination:	LED	
		Accessories:	Dust cover, immersion oil & instruction manual included	
		Camera:	Attached to third ocular port as it is trinocular. Also attached to desk top to view the image on monitor and take the image photo	
		Warranty:	5 Year Mechanical & 1 Year Electrical	
		Servicing:	Should be provided when required after warranty period also	
12	Refrigerator 300L capacity with 1KVA Stabilizer			7
		Cabinet Type:	Upright, single glass door	
		Climate Class:	N	
		Cooling Type:	Forced air cooling	
		Defrost Mode:	Auto	
		Temperature Range (°C):	+2°C to +8°C	
		Power Supply(V/HZ):	220-240/50	
		Power(W):	300	
		Electrical Current (A):	2.1	
		Capacity(L/Cu.Ft.):	214/7.5	
		Interior Dimension(W*D*H*):	445*538*1040mm	
13	Air-Conditioner Split (2.0 Ton Capacity)	<p>1. Cooling capacity: 2.0 tones or 24,000 BTU (British Thermal Units) per hour.</p> <p>2. Power consumption: The power consumption of the air-conditioner split should be energy efficient and should meet the Bureau of Energy Efficiency (BEE) standards for energy efficiency</p>		12

		<p>rating (EER) of 3.5 or higher.</p> <p>3. Compressor type: The compressor should be of high-quality and durable, and it should have low noise and vibration levels.</p> <p>4. Refrigerant: The refrigerant used in the air-conditioner split should be eco-friendly and comply with the latest regulations and standards set by the Indian government.</p> <p>5. Air filter: The air filter should be of high-quality and easy to clean, and it should be able to remove dust, bacteria, and other pollutants from the air.</p> <p>6. Airflow direction: The air-conditioner split should have multiple airflow directions for better air distribution in the room.</p> <p>7. Noise level: The noise level of the air-conditioner split should be low, with a maximum noise level of 50 decibels.</p> <p>8. Remote control: The air-conditioner split should come with a user-friendly remote control that can operate all the features of the air-conditioner split.</p> <p>9. Installation: The air-conditioner split should be installed by the supplier and should come with all the necessary accessories and instructions.</p> <p>10. Warranty: The air-conditioner split should come with a warranty of at least one year, covering all defects and damages.</p>	
--	--	---	--

14	Furniture	Office chair	3Nos	Adjustable lumbar support , Heavy duty hydraulic base, Multi point back lock, Class IV hydraulic and aluminium base	2
		Office table	2 Nos	4 Ft length, 2 Ft width with 3 drawer pedestal, Engineered wood with laminated finish	
		Computer table	1 No	Table with drawer, key board tray, Engineered wood with laminated finish, rectangular CPU chamber, 3 Ft length, 2 Ft width	
		laboratory stools	5Nos	Height adjustable through revolving screw system, stainless steel foot rest ring, stain less steel revolving top adjustable height and weight load capacity 120 Kgs	
		Plastic chairs	10Nos	High quality virgin plastic build for lasting durability with arm rest, 125 kg weight capacity for secure and stable sitting	



15	Glass wares	Conical flasks (narrow mouth 4980 Borosil) 1000 ml capacity)		100 Nos	2
		Conical flasks (narrow mouth 4980 Borosil) 500ml capacity)		100 Nos	
		Measuring cylinder 25ml		5 Nos	
		Measuring cylinder 100 ml		5 Nos	
		Petri Dish (100 mm )		50 Nos	
		Test tubes (18X150)		100 Nos	
		Glass rods		10 Nos	
		Glass beaker (500 ml)		10 Nos	
		Variable Micro pipette (100-1000 ul)		1 No	
		Para film (2"X250)		1 No	
		Forceps		4 Nos	
		Sprit Lamp		2 Nos	
		Wash bottle		10 Nos	
		Inoculation Loop holder		5 Nos	
16	Automatic Packing and Sealing Machine	Power supply		110/220V/50n ~ 60Hz	7
		Power		Driving power : (50w)	
				Heat seal power: 300Wx2	
		Sealing speed (m/min)		0~ 12	
		Sealing width (mm)		6 ~ 12	
		Temperature range		0 ~ 300 °C	
		Single layer film max thickness (mm)		≤0.08	
		Conveyor max loading weight (Kg)		≤3	
		Machine Size ( LxWxH ) mm		800x400x305	
		Weight (Kg)		19	

17	Digital pH Meter	<ul style="list-style-type: none"> <li>Measuring Range: 0.00 to 14.00 pH</li> <li>Accuracy: <math>\pm 0.01</math> pH</li> <li>Resolution: 0.01 pH</li> <li>Calibration: Automatic/Manual, at least two points (pH 4.01 and pH 7.00)</li> <li>Electrode Type: Combined pH electrode with a temperature sensor</li> <li>Temperature compensation: Automatic/Manual, range from 0°C to 100°C</li> <li>Stability indicator: Display the stability of the measurement</li> <li>Input impedance: <math>\geq 10^{12}\Omega</math></li> <li>Display: Large and easy-to-read LCD screen</li> <li>Power supply: AC adapter or battery (at least 4 AA batteries); 230 V AC, 50 Hz</li> <li>Auto power off: Optional, with adjustable time settings</li> <li>Housing material: Durable and chemical-resistant plastic</li> <li>Accessories: pH electrode, Buffer Tablets pH 4.0, 7.0, 9.2, suitable Buffer bottles, electrode stand&amp; clamp, Instrument cover and operation manual.</li> </ul>	8
18	Single Water Distillation Unit with Water Softener	<p><b>1. Distillation Unit:</b></p> <ul style="list-style-type: none"> <li>Water production rate: 4 L per hour (minimum)</li> <li>Construction: Made of high-quality stainless steel with a corrosion-resistant finish</li> <li>Heating element: Heavy-duty heating element of at least 3 kW</li> <li>Power supply: 220-240V AC, 50Hz</li> <li>Control system: Fully automatic with temperature control and safety features such as automatic shut-off in case of overheating</li> <li>Condenser: Made of high-quality borosilicate glass or stainless steel for efficient water condensation</li> <li>Water level indicator: To monitor the water level during</li> </ul>	7

		<p>operation</p> <ul style="list-style-type: none"> <li>• Distillate quality: Free of impurities and having a conductivity of less than <math>1.0 \mu S/cm</math> at <math>25^{\circ}C</math></li> <li>• Distillate collection: Through a dedicated outlet and storage tank with a minimum capacity of 10 L</li> </ul> <p><b>2. Water Softener:</b></p> <ul style="list-style-type: none"> <li>• Capacity: Minimum 10 L of resin bed</li> <li>• Control system: Automatic regeneration cycle based on water usage</li> <li>• Regeneration process: Through a brine solution containing sodium chloride or potassium chloride</li> <li>• Resin type: High-quality cation exchange resin</li> <li>• Softened water quality: Hardness level of less than 10 ppm as <math>CaCO_3</math></li> <li>• Construction: Made of high-quality FRP or stainless steel with a corrosion-resistant finish</li> <li>• Inlet and outlet connections: 1 inch BSP</li> </ul> <p><b>3. Additional Features:</b></p> <ul style="list-style-type: none"> <li>• In-built safety features like automatic shut-off in case of low water levels, over-temperature and short-circuit protection</li> <li>• Provision for easy cleaning and maintenance of the unit</li> <li>• Provision for optional pre-filters like activated carbon, sediment filter, etc.</li> <li>• User-friendly interface with easy-to-use controls and display panel</li> <li>• The unit should comply with international safety standards</li> </ul>	
--	--	--	--

19	Desk Top Computer , with Ups and Printer	<b>Feature</b>	<b>Specifications</b>	7
		Processor	Intel® Core i5 10200H or Higher OR AMD Ryzen 5 3500U or Higher	
		Motherboard	OEM Motherboard with logo embossed, (no sticker)	
		Memory	8 GB DDR4 with at least two DIMM slots, expandable up to 32 GB	
		Ports	Minimum 4 USB Ports with at least 2 USB 3.1 Gen 1	
			1 Microphone/Headphone Combo Jack / Separate	
			1 x HDMI or Advanced	
			1 x RJ45	
			Integrated media card reader	
		Hard Disk Drive	1 TB 7200 RPM SATA HDD	
		Bays	Minimum (1) 3.5" Hard Disk Drive Bay	
		Slots	2 x M.2 slots & at least 1 SATA storage connector	
		Graphics	Integrated Graphics	
		Display	21.5" FHD IPS anti-glare LED-backlit	
			Resolution - (1920 x 1080) or above	
			Minimum viewing angle - 170 deg(H) & 160 deg(V) or better	
			Contrast Ratio - 1000:1 or higher	
			Brightness - 250 nits or higher	
		Network Connectivity	10/100/1000 Gigabit Ethernet & integrated WiFi & Bluetooth	
		Form Factor	All in one	
		Power Supply	Max 130 W External power adapter with 85% efficiency or Higher	
		Keyboard	OEM USB Keyboard	
		Mouse	OEM USB Mouse	
		Operating System	Factory loaded Licenced Windows 10 Pro 64 bit	
		Security	Should have Security cable slot	
			Trusted Platform Module TPM 2.0 Firmware	
		Webcam	Integrated FHD Camera	
		Mic	Inbuilt Mic	
		Speakers	Inbuilt Stereo Speakers	

<b>UPS</b>	
<b>Stand</b>	<b>Standard Stand</b>
Information Accessibility	Brochure and specification sheets of the product to be available in public domain
Support	3 Years Onsite warranty from OEM
Certification	Energy Star / EPEAT
	Windows 10, FCC, Rohs Certificate, BIS Certificates.
	CE, UL or Equivalent Certificates. ISO 9001, 14001, 27001
<b>Laser Jet Printer</b>	
<b>Feature</b>	<b>Specification</b>
Type of Printer	LaserJet
Speed	Up to 20 ppm or Higher
Resolution	600 X 600
Interface	2.0 or Higher & Wire less
Media size supported	A4, Letter, Legal
Duplex	Duplex
Maximum Power	Max 490 watts in printing or less
Mobile printing	Mopria Support, WIFI direct printing, AirPrint, Cloud Print
Duty Cycle	Minimum 5000 Pages per Month
OS Compatibility	MS Windows & Mac
Cartridge Type	Integrated Toner drum / Separate
Accessories	Required Cables and media Drivers
Warranty	3 years Onsite Comprehensive Warranty

## Annexure-B

1. The bidders shall deliver/supply the **Vertical Autoclave Equipment** at the following BC Lab and BF Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Srikakulam	BC Lab, Amudalavalasa	2	O/o. Bio Control Lab,, AMC Compound, Amudalavalasa, Srikakulam dt.-532185
2	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab,, DTC office premises, Near dandumaramma temple,Vizianagaram-535003
3	Kakinada	BC Lab, Kakinada	2	O/o. Asst. Director of Agriculture, Bio Control Lab, JDA office compound, NFCL Rd, Kakinada Town and Dt -533004
4	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
5	East Godavari	BC Lab Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
6	Guntur	BC Lab, Guntur	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Lamfarm, Guntur district-522034
7	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001
8	Ananthapuram	BC Lab, Ananthapuram	2	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001
9	Chittoor	BC Lab, Chittoor	2	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002

2. The bidders shall deliver/supply the **Horizontal Autoclave (430 liters) Equipment** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Nandyala	BC Lab, Nandyala	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Noonepalli, Nandyal (Dt.)-518502
2	Ananthapuram	BC Lab, Ananthapuram	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001

3. The bidders shall deliver/supply the **Horizontal Autoclave (240 liters) Equipment** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	NTR	BC Lab, Ibrahimpatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, MRO office compound, NTPS Rd,Ibrahimpatnam, NTR district-521456
2	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.-516004

4. The bidders shall deliver/supply the **Fermenter 100lts Equipment** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001
2	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.-516004
3	Ananthapuram	BC Lab, Ananthapuram	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001
4	Nandyala	BC Lab, Nandyala	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Noonepalli, Nandyal (Dt.)-518502
5	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab,, DTC office premises, Near dandumaramma temple, Vizianagaram-535003
6	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
7	Prakasam	BC Lab, Ongole	1	O/o. Asst. Director of Agriculture, Bio Control Lab, sankshema complex, south bypass Rd, Ongole , Prakasam Dt-523001.
8	Kakinada	BC Lab, Kakinada	1	O/o. Asst. Director of Agriculture,Bio Control Lab,JDA office compound, NFCL Rd, Kakinada Town and Dt -533004
9	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab,,AMC Compound, Amudalavalasa, Srikakulam dt.-532185
10	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002



5. The bidders shall deliver/supply the **BOD Incubator Equipment** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab., DTC office premises, Near dandumaramma temple,Vizianagaram-535003
2	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
3	East Godavari	BC Lab, Nidadavolu	2	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
4	Prakasam	BC Lab, Ongole	1	O/o. Asst. Director of Agriculture, Bio Control Lab, sankshema complex, south bypass Rd, Ongole , Prakasam Dt-523001.
5	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001
6	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.-516004
7	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
8	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
9	Kakinada	BC Lab, Kakinada	1	O/o. Asst. Director of Agriculture, Bio Control Lab, JDA office compound, NFCL Rd, Kakinada Town and Dt -533004

6. The bidders shall deliver/supply the **Hot air oven** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab,, DTC office premises, Near dandumaramma temple, Vizianagaram-535003
2	Prakasam	BC Lab, Ongole	1	O/o. Asst. Director of Agriculture, Bio Control Lab, sankshema complex, south bypass Rd, Ongole , Prakasam Dt-523001.
3	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
4	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
5	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab,, AMC Compound, Amudalavalasa, Srikakulam dt.-532185
6	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.- 517002
7	Nandyala	BC Lab, Nandyala	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Noonepalli, Nandyal (Dt.)- 518502

7. The bidders shall deliver/supply the Digital Electronic Balance at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.-516004
2	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
3	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002

8. The bidders shall deliver/supply the Laminar Air Flow at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab., DTC office premises, Near dandumaramma temple, Vizianagaram-535003
2	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
3	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
4	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
5	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.-516004
6	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001

9. The bidders shall deliver/supply the **Mechanical Shaker** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab,, DTC office premises, Near dandumaramma temple, Vizianagaram-535003
2	Prakasam	BC Lab, Ongole	1	O/o. Asst. Director of Agriculture, Bio Control Lab, sankshema complex, south bypass Rd, Ongole , Prakasam Dt-523001.
3	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
4	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
5	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab,, AMC Compound, Amudalavalasa, Srikakulam dt.-532185
6	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
7	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001
8	NTR	BC Lab, Ibrahimpatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, MRO office compound, NTPS Rd, Ibrahimpatnam, NTR district-521456

10. The bidders shall deliver/supply the **Ribbon Blender** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.- 516004
2	Ananthapuram	BC Lab, Ananthapuram	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001
3	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
4	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab,, AMC Compound, Amudalavalasa, Srikakulam dt.-532185
5	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.- 517002
6	Nandyala	BC Lab, Nandyala	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Noonepalli, Nandyal (Dt.)- 518502

11. The bidders shall deliver/supply the **Trinacular Microscope magnus with camera** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.-516004
2	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
3	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
4	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
5	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab., DTC office premises, Near dandumaramma temple, Vizianagaram-535003
6	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
7	Kakinada	Bio Fertilizer Lab, Samalkot	1	O/o. Asst. Director of Agriculture, Bio fertilizer Lab, Samalkot, Kakinada Dt-533440
8	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001

12. The bidders shall deliver/supply the **Double Door Refrigerator 300 lts** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001
2	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
3	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
4	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
5	Kakinada	BC Lab, Kakinada	1	O/o. Asst. Director of Agriculture, Bio Control Lab, JDA office compound, NFCL Rd, Kakinada Town and Dt -533004
6	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
7	Ananthapuram	BC Lab, Ananthapuram	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001

13. The bidders shall deliver/supply the **Air Conditioner 2 Ton** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
2	Srikakulam	BC Lab, Amudalavalasa	3	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
3	Chittoor	BC Lab, Chittoor	3	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
4	Nandyala	BC Lab, Nandyala	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Noonepalli, Nandyal (Dt.)-518502
5	NTR	BC Lab, Ibrahimpatnam	2	O/o. Asst. Director of Agriculture, Bio Control Lab, MRO office compound, NTPS Rd, Ibrahimpatnam, NTR district-521456
6	Ananthapuram	BC Lab, Ananthapuram	2	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001

14. The bidders shall deliver/supply the **Furniture** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Srikakulam	BC Lab, Amudalavalasa	1 set	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
2	Chittoor	BC Lab, Chittoor	1 set	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002



15. The bidders shall deliver/supply the **Glassware** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Srikakulam	BC Lab, Amudalavalasa	1 set	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
2	Chittoor	BC Lab, Chittoor	1 set	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002

16. The bidders shall deliver/supply the **Automatic Packing and Sealing Machine** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab., DTC office premises, Near dandumaramma temple,Vizianagaram-535003
2	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
3	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
4	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
5	Kakinada	BC Lab, Kakinada	1	O/o. Asst. Director of Agriculture, Bio Control Lab, JDA office compound, NFCL Rd, Kakinada Town and Dt -533004
6	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Near NVP law college, PM palem post, Visakhapatnam-530041
7	NTR	BC Lab, Ibrahimpatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, MRO office compound, NTPS Rd,Ibrahimpatnam, NTR district-521456

17. The bidders shall deliver/supply Digital pH Meter at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001
2	East Godavari	BC Lab, Nidadavolu	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Opp SVRK Govt Degree college, Pangidi Rd, Nidadavolu , EG dt-534301
3	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
4	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
5	Kakinada	BC Lab, Kakinada	1	O/o. Asst. Director of Agriculture, Bio Control Lab, JDA office compound, NFCL Rd, Kakinada Town and Dt -533004
6	Visakhapatnam	BC Lab, Visakhapatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab,Near NVP law college, PM palem post, Visakhapatnam-530041
7	Ananthapuram	BC Lab, Ananthapuram	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001
8	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab., DTC office premises, Near dandumaramma temple, Vizianagaram-535003

18. The bidders shall deliver/supply the **Single Distillation unit with water softner** at the following BC Lab locations.

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	Vizianagaram	BC Lab, Vizianagaram	1	O/o. Asst. Director of Agriculture, Bio Control Lab,, DTC office premises, Near dandumaramma temple,Vizianagaram-535003
2	Nandyala	BC Lab, Nandyala	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Noonepalli, Nandyal (Dt.)- 518502
3	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab,, AMC Compound, Amudalavalasa, Srikakulam dt.-532185
4	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.- 517002
5	Kakinada	BC Lab, Kakinada	1	O/o. Asst. Director of Agriculture, Bio Control Lab, JDA office compound, NFCL Rd, Kakinada Town and Dt - 533004
6	YSR Kadapa	BC Lab, Kadapa	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Beside RTO office, Utukur, Kadapa, YSR Dt.-516004
7	NTR	BC Lab, Ibrahimpatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, MRO office compound, NTPS Rd, Ibrahimpatnam, NTR district-521456

19. The bidders shall deliver/supply Desktop Computer with UPS and Printer at the following BC Lab locations

S No	District	Name of the BC Lab	No.of Equipment	Location of the BC Lab
1	NTR	BC Lab, Ibrahimpatnam	1	O/o. Asst. Director of Agriculture, Bio Control Lab, MRO office compound, NTPS Rd, Ibrahimpatnam, NTR district-521456
2	Nellore	BC Lab, Nellore	1	O/o. Asst. Director of Agriculture, Bio Control Lab, RDO office compound, Railway feeders road, Nellore-524001
3	Srikakulam	BC Lab, Amudalavalasa	1	O/o. Bio Control Lab., AMC Compound, Amudalavalasa, Srikakulam dt.-532185
4	Chittoor	BC Lab, Chittoor	1	O/o. Bio Control Lab, Behind PVKN Degree college, Greams Pet, Chittoor, Chittoor dt.-517002
5	Kakinada	BC Lab, Kakinada	1	O/o. Asst. Director of Agriculture, Bio Control Lab, JDA office compound, NFCL Rd, Kakinada Town and Dt -533004
6	Ananthapuram	BC Lab, Ananthapuram	1	O/o. Asst. Director of Agriculture, Bio Control Lab, Joint Director of Agriculture compound, HP Gas back side, Buddappa nagar, Ananthapur-515001
7	Kakinada	Bio Fertilizer Lab, Samalkot	1	O/o. Asst. Director of Agriculture, Bio fertilizer Lab, Samalkot, Kakinada Dt-533440

**Spl. Commissioner of Agriculture  
Andhra Pradesh, Guntur**