



TENDER SCHEDULE

**FOR SUPPLY, INSTALLATION, COMMISSIONING,
VALIDATION OF LAB EQUIPMENT AND TRAINING
TO THE PERSONNEL
OF BIO-AGENT LABORATORIES
ON TURN KEY BASIS
AT KHAMMAM, NIZAMABAD,
SADASIVAPET (MEDAK) UTKOOR (KADAPA)
AND LAM FARM (GUNTUR)**

2010-11



**ANDHRA PRADESH STATE AGRO INDUSTRIES
DEVELOPMENT CORPORATION LTD
504, Hermitage Office Complex, Hill Fort Road, Hyderabad-500 004
Ph : 040-23391331, 23314246, 23314246 Fax:040-23394234**

A.P.STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.
(A GOVT.UNDERTAKING)
Regd.Office:504, Hermitage Office Complex, Hill Fort Road, Hyderabad – 4
Tel.No.040-23391331 : FAX : 040-23394234
E mail: apagros@ap.nic.in, web site: www.apagros.org

Ref : Agros/C&DA/B.C.Labs/09-10

Date : 2-6-2010

TENDER NOTICE INVITING BIDS
ON TURN KEY BASIS

Name of work : Supply, Installation, Commissioning, Validation of lab equipment and training to the Bio-agent Laboratories at Khammam, Nizamabad, Sadasivapet (Medak), Utkoor (Kadapa), & (Lam farm) Guntur

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Sealed Tenders are invited from reputed manufacturers/registered suppliers for supply, Installation, Commissioning, Validation of Bio-Agent Lab equipment and training to the personnel of Bio-Agent Laboratories at Khammam, Nizamabad, Sadasivapet (Medak), Utkoor (Kadapa) and Lam Farm (Guntur) of Department of Agriculture, Government of Andhra Pradesh for the year 2010-2011.

The Tender schedules may be obtained from our Registered Office by paying Rs.2,000/- (Rupees two thousand only) in the form of Demand Draft drawn in favour of A.P.S.A.I.D.C. Limited payable at Hyderabad from 10.30 A.M. to 5.00 P.M. on all working days from 4-6-2010 to 14-6-2010.

The last date for receipt of filled in Tender schedules at the above Registered Office is 15-6-2010 upto 3.00 P.M. and technical bids shall be opened on the same day at 3.30 P.M.

Details can be visited on our web site : www.apagros.org.

Hyderabad
Dt.2-6-2010

Sd/-
Vice-Chairperson and
Managing Director

ANDHRA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT
CORPORATION LIMITED

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Ref : AGROS/C&DA/B.C.Labs/09-10

INSTRUCTIONS TO TENDERERS

A. PREAMBLE :

Andhra Pradesh State Agro Industries Development Corporation Limited (A.P.AGROS) is a State Government undertaking. The Department of Agriculture, Government of Andhra Pradesh has requested AP AGROS for procurement and commissioning of Bio-agents Laboratories equipment.

B. FIRMS ELIGIBLE TO TENDER:

1. Firms shall have minimum of 3 years experience in supply and commissioning of scientific equipment to the Government Departments / Institutes, such as Universities. Firms must furnish performance certificate from concerned Department / Institution in support of the above.
2. The firm must have works contract registration and Sales Tax Certificate from appropriate authorities (copies to be enclosed.)
3. The firms shall have VAT (TIN) Registration and PAN Number.
4. The firms shall have annual turnover of not less than Rs.50.00 lakhs in 2008-09 and proof of same to be submitted.

C) INSTRUCTIONS FOR SUBMISSION OF TENDER SCHEDULE

TWO BID SYSTEM – TECHNICAL & PRICE BID

- 1) The tender shall submit technical bid with all documents Indicated in Annexure-I in a separate sealed cover duly Super scribing “ Technical Bid for Supply, Installation, Validation of lab equipment and training to the Bio-agent Laboratories at Khammam, Nizamabad, Sadasivapet (Medak), Utkoor (Kadapa), & (Lam farm) Guntur “ and Price Bid as per Annexure-III in a separate sealed cover duly super scribing “ Price bid for Supply, Installation, Validation of lab equipment and training to the Bio-agent Laboratories at Khammam, Nizamabad, Sadasivapet (Medak), Utkoor (Kadapa), & (Lam farm) Guntur “ with name and address of the tenderer. Both covers are to be placed in a third cover along with covering letter and E.M.D. draft as stipulated under Item No.3 of the instructions for submission of tender schedule duly super scribing “ Tender Schedule for Supply, Installation, Validation of lab equipment and training to the Bio-agents Laboratories at Khammam, Nizamabad, Sadasivapet (Medak), Utkoor (Kadapa), & (Lam farm) Guntur on turn key basis.
- 2) Earnest Money Deposit (E.M.D.) amount of Rs.1,00,000/- (Rupees one lakh only) shall be paid in the form of Demand Draft drawn in favour of **A.P.S.A.I.D.C. Ltd., payable at Hyderabad** along with a covering letter. Technical bids without EMD will be rejected.
- 3) The Earned Money Deposit of successful firm shall be retained by the Corporation and refunded only after satisfactory completion of the contract. The EMD can be adjusted against performance guarantee deposit for successful tenderers. The E.M.D. and performance guarantee deposit will not carry any interest.

- 4) Performance guarantee deposit of Rs.2,00,000/- shall be paid in favour of A.P.S.A.I.D.C. Ltd., payable at Hyderabad in the shape of Bank Guarantee from any Nationalised Bank.
- 5) a) Performance guarantee produced by the successful tenderer shall be forfeited and alternate arrangements shall be made, if the firm does not fulfill the obligation of supply of stocks as per orders / specification / quality and alternate arrangements will be made for procurement of such products and any additional cost incurred in this regard will be recovered from the concerned firm.

b) The responsibility of quality and quantity of the lab equipment supplied lies with supplier only.
- 6) The tender shall submit duly notarized declaration along with tender, as per the proforma furnished under Annexure-IV, hereto on Rs.100/- non-judicial stamp paper.
- 7) The authorized person representing the firm who is signing in the tender documents and also participating in the tender opening shall invariably attach a copy of authorization from the competent authority of the firm as per the By-laws of the firm / Company.
- 8) The last date for submission of tender schedule is upto 3.00 P.M. on 15-6-2010. The technical bid will be opened at 3.30 P.M. on the same day.

D) GENERAL TERMS & CONDITIONS

- 1) The price bids of only those tenders whose technical bids are qualified will be opened with due intimation to them.
- 2) Negotiations will be held as per the decision of the Technical

Committee at the address indicated in the data sheet. The aim is to reach agreement on all the points and sign a contract.

- 3) The agreement period will be up to one year from the date of agreement. No escalation charges will be paid for supply of items during the agreement period.
- 4) The supplies made shall be invoiced on VAT invoice with Serial No. of invoice printed on it. No invoice other than tax invoice will be accepted. VAT applicable, if any, shall be clearly mentioned in the tax invoice.
- 5) The approved firm shall supply the ordered equipment as per terms and conditions within the stipulated time indicated in the Intent letter / Purchase Order.
- 6) In the case of Annexure-II, the items supplied must be covered with warranty for minimum of one year (or more as per manufacturer's terms & conditions) from the date of supply against any defective manufacturer / workmanship etc., repairs / replacements / servicing shall be attended free of cost within the warranty period.
- 7) The firm should submit the Utilisation Certificate and delivery Invoice from the Asst. Director of Agriculture concerned for effecting the payment.
- 8) The loading and unloading charges, if any, should be borne by the supplier only.
- 9) The firm shall provide detailed operational and maintenance manuals at the time of supply of the equipment.
- 10) The tenderer has to quote the price only as per the technical specifications given in the tender schedule in Annexure-II.
- 11) The rates quoted by the firms should be inclusive of all taxes / VAT /

Duties and no escalation charges will be paid during the agreement period.

- 12) Andhra Pradesh State Agro Industries Development Corporation reserves the right to inspect the manufacturing / other premises of supplier and his principal/s during the tender process or before supply or before payment in order to satisfy that the supply is as per the quality and specifications of equipment indicated in this tender.
- 13) Andhra Pradesh State Agro Industries Development Corporation Limited reserves the right to award the tender either in part or full or follow any other suitable procurement procedure. AP AGROS at its sole discretion and without assigning any reason thereof, reserves the right to accept / reject any or all bids at any stage of the tender process.
- 14) In case of any dispute or difference arising out of the Agreement between the two parties relating to any aspect of the agreement, the parties should attempt to settle the dispute through mutual and amicable discussions. If the dispute is not settled through such discussions, the matter shall be referred / settled as per provisions of Arbitration and Conciliation Act, 1996.
- 15) It is further to be agreed by both the parties that all differences and disputes if not resolved as above, shall be got remedied through the Court of Law of Hyderabad jurisdiction only.
- 16) Tender can be rejected if any stage of the procurement process, it comes to knowledge that any tenderer is involved in any fraudulent practice or misrepresentation of the facts or tried to influence the selection process or indulged in any corrupt activities in competing with others.
- 17) The manufacturer shall be liable for blacklisting and further

prosecution, if they fail to adhere to the above conditions.

- 18) The approved firm shall enter into an agreement with the Corporation duly incorporating all the above terms & conditions.
- 19) The equipment shall be supplied to the Bio-Agent Laboratories at Sadasivapet (Medak), Nizamabad, Khammam, Utkoor (Kadapa) and Lam Farm (Guntur) Department of Agriculture, Government of A.P.
- 20) The tenderer shall provide all information as per this tender document. AP AGROS shall evaluate only those bids that are received in the required format and are complete in all respects.

E) INSTALLATION, COMMISSIONING & VALIDATION

- 1) All tools, equipment and machinery required for the installation and commissioning work has to be arranged by the successful firm only.
- 2) The period stipulated for completion of supply, installation, commissioning, validation and training of personnel shall be 90 days from the date of receipt of Purchase Order.
- 3) Penalty for delay in work will be levied @ 0.5% of the total value of Work per week upto a minimum of 5% in case of default in work completion within the stipulated time.

F) INSURANCE

The contractor shall insure all goods for all risks to the extent of value of goods specially mentioning that the claim amount under the policy shall be payable to AP AGROS. The contractor shall borne the insurance charges for all risks for the goods for the period upto expiry of warranty.

G) WARRANTY

The performance guarantee period shall be 12 months from the actual date of completion in all respects. The same will be communicated in writing by AP State Agro Industries Development Corporation Limited based on actual date of complete of all works.

HD CERTIFICATION PROCESS FOR PAYMENT

a) Equipment / Material receipt certificate

Issue of material receipt note / goods receipt notes at site by A.O./A.D.A. of concern Laboratory incharge stating that all the Equipment is received as per the specification.

b) Installation & commissioning Certificate

Issue of installation and commissioning Certificate by Asst. Director of Agriculture of concern Laboratory Incharge and countersigned by Joint Director of Agriculture.

C Completion Certificate

Completion Certificate will be issued by A.D.A. of Laboratory Incharge and countersigned by Joint Director of Agriculture after complete validation and training to the personnel of Agriculture Department.

D TERMS OF PAYMENT

Payment shall be released as indicated below, subject to release of funds by Commissioner & Director of Agriculture.

- 70% payment will be made against the submission of delivery challan by the supplying firm duly signed and certified by the Assistant Director of Agriculture incharge of the Bio-Agent Laboratory stating that all the equipment is received as per the specifications.

- 20% of the payment will be made after completion of the installation of the equipment received and the same being certified and confirmed by the Assistant Director of Agriculture incharge of Bio-Agent Laboratory.
- The remaining 10% of the payment will be effected after validation of the equipment and training to the personnel of the Department duly certified and signed by the Assistant Director of Agriculture incharge of Bio-Agent Laboratory and countersigned by the Joint Director of Agriculture incharge of the district.

J) SPECIAL INSTRUCTIONS TO THE FIRMS

- 1) The firms should submit technical specifications / brochures / information, users list etc. along with offer.
- 2) The supplier should conduct working demonstration of the equipment and train the working personnel of Department of Agriculture.
- 3) List of fast moving spares and its selling price should also be enclosed. List of accessories which are recommended to be purchased separately for each item should be clearly mentioned in the offer.
- 4) The successful supplier will make a pre-delivery presentation about the details of equipment being supplied both to the Officers of AP AGROS and the A.D.A's incharge of Bio-Agent Laboratory.

**PLACE :
DATE :**

**SIGNATURE OF THE TENDERER
WITH SEAL**

ANNEXURE-I
TECHNICAL BID

(Attested copies of following to be enclosed)

1	Tender reference	AGROS/C&DA/BC Labs/09-10, dated
2	Name of the Company with its Regn.No.	
3	Status of Company i) Registered Company ii) Sold proprietorship firm (Name & address of the proprietor) iii) Partnership firm (Partnership agreement, letter of Consent as authorized by other Partners to bid for this tender) iv) Private Limited Company (Certificate of incorporation and Authorization from CEO, if not Represented by CEO)	
4	Registered address of Company	
5	Details of EMD paid D.D.No. Date Bank Name Amount	
6	Brief of the firm	
7	Whether the Company is having valid manufacturing / dealership license from the competent authority (copy to be enclosed)	

8	Whether the Company is ISO Certified or not (If 'Yes' copy to be enclosed)	
9	Proof of having sufficient No. of technicians with experience for execution of the work. (list out details about names Of persons/experience/ Qualifications)	
10	VAT Registration No./ CST No. and validity (copy to be enclosed)	
11	PAN No. (copy to be enclosed)	
12	Audited accounts balance Sheet for the last 3 years. (attested copies to be enclosed)	
13	Income tax assessment Certificate for the last three Years (attested copies to be enclosed)	
14	Name of contact person with Address and Phone No.	
15	B.I.S. Certificate of principal manufacturer (copies to be enclosed)	
16	Performance Certificate/s for supply in past 3 years i.e., 2007-08, 2008-09 & 2009-10 to Government Departments	

Note

1. All the columns of the tender forms shall be duly, properly and exhaustively filled in.
2. All corrections if any must be signed by the tenderer before submission itself. For filing faulty information, the tender is liable for rejection. The tenderer should sign on each and every page of tender schedule and on all the additional documents submitted along with tender schedule.
3. The tenderer can enclose additional information, if any, relevant to the tender separately.
4. At the time of verification of tender schedule, the original documents should be produced for verification.

SIGNATURE OF TENDERER
WITH SEAL

ANNEXURE-II
TEHNICAL SPECIFICATIONS OF LAB EQUIPMENT

Sl. No.	Equipment name	Specifications
(A) SCIENTIFIC EQUIPMENT		
1)	BOD Incubator with temperature humidity and photo period provision with 1 KVA stabilizer	<p><i>(ISI Standard – Indian make)</i> of all leading brands Standard size : (cuft / lit.) 10(270 litres) Temperature range : 5 deg. C. to 60 deg.C <u>Specifications</u> Temp.controller --Digital temp.indicator cum controller with 0.1 deg.C display resolution. --Temp.controlling accuracy : + 0.5 deg.C --Sensor PT 100 class A type. <u>Construction</u> Inner chamber made of fully polished stainless steel 304 grade -- Outer made of mild steel with powder coated --PUF insulation --Full visible sub door --Magnetic gasket, handle and lock for door --Low wattage lamp --Forced air circulation provided to maintain temp. uniformity --Powder coated meshed trays (SS coated 304) <u>Refrigeration system</u> --Built in CFC free refrigeration system with hermetically sealed compressor. --Fin & tube type air cooled compressor. <u>Power supply</u> Single phase 230v, 50Hz. 1KVA voltage stabilizer with initial time delay, high / low Voltage cut off.</p>
2	Centrifuge	<p><i>(BIS Standard – Indian make)</i> of all leading brands Gen. purpose lab centrifuge : easy lid lock, step less speed regulator, safety fuse, elegant front panel with a wide choice of rotors heads and adopters Max speed : 5000 rpm Max.rcf : 3650 x g Max.tube size : 50ml Max.capacity : 200ml Width : 320 mm Depth : 375 mm</p>

		<p>Height : 310 mm Weight : 18 Kgs Connected load : 0.18 KVA <u>Feature</u> : With step less speed regulator, digital speed indicator, 0-99 minutes digital timers, lid lock, break, zero start inter lock and illuminated switch.</p>
3	Hot Air Oven	<p>(ISI Standard – Indian make) of all leading brands SS interior 3 sides heating elements for temperature uniformity, temperature control from ambient to 250 deg.C+/-2 deg. C. Digital display with built in safety thermostat. Inner chamber: 450H x 450W x 450D mm <u>Heating</u> : 5 deg.C above ambient to 250 deg.C+/-2 deg.C.High quality Nichrome heating element provided at the bottom, left and right side of the chamber. i.e.,(MEMMERT TYPE) <u>Insulation</u> : high quality glass wool between the chamber and jacket. <u>Control</u> : microprocessor based indicating control. <u>Exhaust port</u> : 2 Nos. one each on the left and right side of the chamber.</p>
4	Laminar Air Flow system	<p>(ISI Standard – Indian make) of all leading brands 4x2x2 ft., 3/16 gauge stainless steel, 2 stage filtration, HEPA filters, opposite fan model, efficient at 0.3 micro particle density, ½ HP. <u>Illumination</u> : 2 x 40W florescent tube and built in 30W UV – air germicidal light Table top : stainless steel (SS304) Transparent front sliding Door : provided Static pressure manometer : provided Clock for Air/Gas/Vacuum line with installation.</p>
5	Autoclave (vertical)	<p>(BIS Standard – Indian make) of all leading brands Vertical round model, inner and outer made of SS 304 material, with automatic control of pressure and temperature. Capacity around 150 litres with steam generator, working pressure 1.26 kgf / cm.sq.temperature 121 deg.C with all safety features and controls.</p>

6	Hygrometer (Dial type)	Dia 65 mm Hanging, Silver coated and gold colour
7	Thermometer - hanging type	- hanging type Measuring range : 0 to 50 Deg C. 1 Deg. C
8	Water distillation unit (both stainless and glass case)	(ISI Standard – Indian make) of all leading brands Resistivity – 18.2 megh-ohm, conductivity -0.05 Micro Siemens.T.O.C.-5 to 10 ppb, endotoxins-<0.001EU/ml Micro organisms - < 1cfu / ml, particles (0.22um) -< 1/ml, Flow rate -1.5 lit per hour
9	Microscope (Research type with accessories)	of all leading brands Observation 45 degrees inclined monocular head Head : rotatable through 360 degrees Nosepiece : built in graduated mechanical stage of 135 x 120 mm. Low coaxial drive controls for easy and smooth scan of specimen slides Illumination : 220 / 110 Volts. Mirror attachment for working in day light.Objectives :4x, 10x, 40x 100 x SL Oil immersion Eye pieces : wide field WF 10 x and H5X or H6X or H15 X (any two pairs)
10	Stereo Binocular Microscope	- of all leading brands Stereoscope binocular microscope equipped with binocular head inclined at 45 deg. And rotate on 360 deg. And one pair of 15 x wide field eye pieces and 2 x and 4 x revolving objectives. Inter papillary distance adjustable from 50mm to 75 mm. Sensitive focusing through smooth rack and pinion. Flexible incident illuminator (6v20W) base illumination system. Total magnification : 20 x to 60x.
11	Top loading electronic balance	- of all leading brands Max.220g-0.1 mg readability, computer compatible
(B) CUSTOM MADE		
1	Semi automatic Corcyra rearing system	Fabricated of iron angle frame. For keeping crushed jowar, 13 Nos. of mild steel trays size 45 x 45 x 5cm are provided. Funnel shaped tray at the bottom for taking insects to the collection container. Properly painted. Transparent polythene sheet and black colour rexian

		cloth for covering the structure
2	Steel racks of 16 gauge	(Standard make) (7'x3'x18") (with 5 compartments with 6 separators) Angle iron with height adjustability
3	Chrysopa cages	Teakwood frame with silk screen net on sides and collapsible cover on one side. Cover can be fixed in position with help of levers. Top sliding plank of MDF covered with black cloth from inside and spirit polished from outside. A spare plank supplied for replacement Combs for removal of insects from plank. Spirit polish finish. - Size 60x 60x 30cm.
4	Laboratory stool	(30Cm. Dia) Screw type & steel top circular
5	Corcyra Egg Laying Cages	Frame made of MDF sheet planks. Fine wire mesh provided on top & bottom. On one corner on top, a rounded opening 3 cm. dia is provided which can be closed with wooden plug. On one side, a rounded opening 11 cm. with an arrangement for drop closure with the help of MDF sheet cover is provided for manually putting in/taking out the material – size 35 x 25x 18cm
6	UV chamber with UV tube light	Sterilisation chamber made of mild steel and is divided into two equal parts by horizontal partition. Each partition provided with a drawer which has a semi circular base. In the inner surface of the semicircular base the drawer is provided with longitudinal flanges of 2mm thick and 9cm. apart. These flanges prevent the egg bearing cards to glide one over the other from the curve surface. The ceiling of each drawer is provided with a UV tube light. Tube light is connected with a timer. Capacity : 50 cards
7	Laboratory tables	- table top decolam 8' L x 2.5' W x 2.5'H 7' L x 3.5' W x 2.5'H 6' L x 2' W x 2.5'H 5' L x 3' W x 2.5'H
(C) OTHER LABORATORY EQUIPMENT		
1	Heat Converter	-of all leading brands Floor model, heat regulator (dial type),

		Thermostat arrangement with auto control unit –
2	Air conditioner with 4 KVA stabilizer	- of all leading brands split model, 1.5.ton capacity -- Star rating – 5
3	Refrigerator 300 litres capacity with 1 KVA stabilizer -	of all leading brands double door, frost free, door cooling arrangement
4	Mixture cum grinder with all accessories	of all leading brands
5	Exhaust fan (metal type) with moveable flaps	<i>(ISI Standard – Indian make)</i> of all leading brands Size : 9”
6	Vacuum Cleaner	Input power : 800 watts Suction of motor : 17640 Pascals with all standard accessories