



EOI SCHEDULE – II

**FOR SUPPLY, INSTALLATION, COMMISSIONING,
VALIDATION OF EQUIPMENT TO PESTICIDE
TESTING LABS 2018-19**



**ANDHRA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT
CORPORATION LIMITED**

Regd. Office: No.55-17-224, 5th floor, Stalin Corporate, 2nd cross road
Industrial Estate, Autonagar, Vijayawada-520007

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ANDHRA PRADESH STATE
AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD

(A GOVT. UNDERTAKING)

#55-17-2 to 4, 5th Floor, Stalin Corporate, Industrial Estate, Autonagar, Vijayawada – 520007,
Ph.No.0866-2556803, FAX:0866-2556804

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No. Agros/FMD/EOI/ST labs/2018-19

Dt:20-06-2019

SHORT EOI NOTICE INVITING SEALED QUOTATIONS

Sealed Quotations are invited from reputed manufacturers, Distributors, Dealers & Importers for the following items:

Description of Item	Cost of EOI schedule	Sale of EOI Schedules From – to	Last date for submission	Date of opening of Technical Quotations
For Supply, Installation commissioning, Validation of Soil Testing Lab Equipment	Rs.10,000	24-06-2019 to 04-07-2019 up to 2.00 P.M.	04 -07-2019 up to 2.30 P.M.	04-07-2019 at 03.30 P.M.
For Supply, Installation commissioning, Validation of Pesticide Testing Lab Equipment	Rs.10,000	24-06-2019 to 05-07-2019 up to 2.00 P.M.	05 -07-2019 up to 2.30 P.M.	05-07-2019 at 03.30 P.M.

The EOI Schedules and terms and conditions can be downloaded from our website www.apagros.org

Vijayawada

Sd/-
Vice Chairman and
Managing Director

A.P.S. AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

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EOI SCHEDULE

Name of work : FOR SUPPLY, INSTALLATION, COMMISSIONING, VALIDATION OF EQUIPMENT TO PESTICIDE TESTING LABS.

Ref : Notice No.AGROS/FMD/ST Labs/2019-20, Dated.20.06.2019

INSTRUCTIONS TO OFFERER(S)

A. PREAMBLE :

The Department of Agriculture, Government of Andhra Pradesh State are requiring various types of Lab equipment etc., to their Pesticide Testing Lab in the State of Andhra Pradesh through the Nodal Agency A.P.S Agro Ind. Dev. Corp. Ltd. (APSAIDCL), a Government of Andhra Pradesh undertaking for procurement and commissioning of Lab equipment.

B. ELIGIBLE CONDITIONS FOR TENDER SCHEDULE:

1. The manufacturers / importers should have minimum of 3 years experience in supply and commissioning of scientific equipment to the Government Departments / Institutes, such as Universities. Firms must furnish PO copies/ installation reports/ **performance certificate** from concerned Department / Institution in support of the above.
2. The firm must have works contract registration and G.S.T. Certificate from appropriate authorities (copies to be enclosed.)
3. The firms shall have GST (TIN) Registration and PAN Number.
4. The firms shall have annual turnover of not less than Rupees One crore in last 3 years 2016-17, 2017-18 & 2018-19 and proof of same to be submitted.
5. The firm who are importing equipment must have importing license and they should produce authorization letter from the principal manufacturer.

C) INSTRUCTIONS FOR SUBMISSION OF TENDER SCHEDULE

1. The Offerer shall submit TENDER Schedule with all documents along with Rs.10,000/- demand draft, covering letter with EMD indicated in Annexure-I in a separate sealed cover duly superscribing “Technical quotation for EOI Schedule for Supply, Installation, Commissioning & Validation of lab equipment” and Price Quote as per Annexure-III in a separate sealed cover duly superscribing “Price quote for Supply, Installation, Commissioning & Validation of lab equipment” with name and address of the offerer. Both covers are to be placed in a third cover

- as stipulated under Item No.3 of the instructions for submission of EOI schedule duly superscribing “ EOI Schedule for Supply, Installation, Commissioning & Validation of lab equipment.”
2. The offerers who are supplying the scientific lab equipment, the Earnest Money Deposit (E.M.D.) will be an amount of **Rs.2,00,000/- (Rupees Two lakhs Only)** shall be paid in the form of Demand Draft drawn in favour of **A.P.S.A.I.D.C. Ltd., payable at Vijayawada** along with a covering letter. EOI Schedules without EMD will be rejected.
 3. The Earnest 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 offerer(s). The E.M.D. and performance guarantee deposit will not carry any interest.
 4. Performance guarantee deposit of scientific lab equipment @ **5% on the total value of equipment** shall be paid in favour of A.P.S.A.I.D.C. Ltd., payable at Vijayawada in the shape of Demand Draft from any Nationalized Bank. The performance guarantee shall be valid for 3 years.
 5. a) Performance guarantee produced by the successful offerer 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 Offerer shall submit duly notarized declaration along with EOI, 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 EOI documents and also participating in the EOI 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 EOI schedule is **upto 2.30 P.M. on 05 -07-2019**, the EOI Schedule will be opened at 3.30 P.M. on the same day.

D) GENERAL TERMS & CONDITIONS

1. The EOI price quote of only those offerer(s) whose Technical EOI Schedules 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 31-03-2020**. No escalation charges will be paid for supply of items during the agreement period. The validity period of the final negotiated prices can be extended on mutual consent of the both the parties.
4. The supplies made shall be invoiced on Tax invoice with Serial No. of invoice printed on it. No invoice other than tax invoice will be accepted. GST applicable, if any, shall be clearly mentioned in the tax invoice.
5. The approved firm shall supply and install the ordered equipment as per terms and conditions within the stipulated time indicated in the Purchase Order.
6. In the case of Annexure-II, the items supplied must be covered with warranty for minimum of three years (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 Utilization / Installation Certificate and delivery challan from the Assistant Director of Agriculture of concerned lab 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 offerer has to quote the price only as per the technical specifications given in the EOI schedule.
11. Andhra Pradesh State Agro Industries Development Corporation Limited (APSAIDC Ltd) reserves the right to inspect the manufacturing / other premises of supplier and his principal/s during the EOI 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 EOI.
12. Andhra Pradesh State Agro Industries Development Corporation Limited reserves the right to award the EOI 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 schedules at any stage of the EOI process.
13. 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.
14. 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 **Guntur** jurisdiction only.
15. EOI can be rejected if any stage of the procurement process, it comes to knowledge that any offerer 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.

16. The manufacturer/ importer shall be liable for blacklisting and further prosecution, if they fail to adhere to the above conditions.
17. The approved firm shall enter into an agreement with the Corporation duly incorporating all the above terms & conditions.
18. The equipment shall be supplied to Pesticides Testing labs of Department of Agriculture, Andhra Pradesh at required destinations. The offerer shall provide all information as per this EOI document. AP AGROS shall evaluate only those schedules 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 3 Years from the actual date of supply / commissioning of equipment in all respects. The same shall have to be communicated in writing to AP State Agro Industries Development Corporation Limited based on the actual date of completion of all works.

H) CERTIFICATION PROCESS FOR PAYMENT

a. EQUIPMENT / MATERIAL RECEIPT CERTIFICATE

Issue of material receipt note / goods receipt notes at site by Agricultural Officer and Assistant Director of Agriculture of concern Laboratory in charge stating that all the Equipment is received as per the specification. (List to be enclosed)

b. INSTALLATION & COMMISSIONING CERTIFICATE

Issue of installation and commissioning Certificate by Assistant Director of Agriculture of concern Laboratory Incharge.

c. COMPLETION CERTIFICATE

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

I) TERMS OF PAYMENT

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

- a) The payment will be made against the submission of bills and delivery challans by the supplying firm duly signed and certified by the Assistant Director of Agriculture incharge of the concerned Laboratory stating that all the equipment is received, installed and commissioned as per the specifications and the work done by the firm is satisfactory.

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 of concerned Lab.
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 concerned laboratory.

Place:
Date :

SIGNATURE OF THE OFFERER
WITH SEAL

SCHEDULE -VI
CONDITIONS OF ELIGIBILITY FOR APPLICANT
(Attested copies wherever relevant to be enclosed)

1	EOI Reference	:	No:Agros/FMD/EOI/ST Labs/2018-19 Date 20-06-2019
2	a) Name of the Manufacturing/ supplying Company with its Regn. No. (copy of the manufacturing license to be enclosed) b) Name of the Importing company with its Regn. No. (copy of the Importing license to be enclosed)	:	
3	Status of Company		
	i) Registered Company	:	
	ii) Sole proprietorship firm (Name & address of the proprietor)	:	
	iii) Partnership firm (Partnership agreement, letter of consent as authorized by other partners to attend for this EOI)	:	
	iv) Private Limited Company (Certificate of incorporation and authorization from CEO if not represented by CEO)	:	
4	Registered Address of manufacturer/supplier	:	
5	Particulars of Demand draft enclosed towards cost of EOI schedule if the EOI schedule is downloaded from website		DD No. DD Date: for Rs.10,000/- Name of the Bank
6	Details of EMD paid DD No: Date: Bank Name: Amount:	:	
7	Brief Profile of the firm	:	
8	Import License No. (copy to be enclosed)	:	

9	Bank particulars for online transfer of amounts <ul style="list-style-type: none"> • Name of the Bank: • Branch of the Bank • Account Number • RTGS No 		
10.	Specific authorization letter from the Principal manufacturing company (if yes copy to be enclosed)	:	
11	Whether the Company is ISO certified or not (If 'yes' copy to be enclosed)	:	
12	Proof of having sufficient no. of experienced technical teams for training & operations management (Details: names of persons, qualifications and experience)	:	
13	Annual production capacity certificate / Annual import capacity certificate	:	
14	Turnover of the above machinery during last 3 years. <p style="text-align: center;">a.2016-17</p> <p style="text-align: center;">b.2017-18</p> <p style="text-align: center;">c.2018-19</p>	:	
15	Experience / performance certificate from clients / Govt. departments/ Organizations during last 3 years about supply of lab equipment, performance reports , PO copies , installation certificate from Govt. Institutes, if any.	:	
16	Details of dealers' net work and after sales service stations to be provided by firm in the area of operation.	:	
17	GST Regn. No. and their validity (copies to be enclosed)	:	
18	PAN No. (copy to be enclosed)	:	
19	Audited accounts balance sheet for the last 2 years. (attested copies to be enclosed)	:	
20	Income Tax assessment Certificate for the last 2 years (attested copies to be enclosed)	:	
21	Name of contact person with address & Phone no. Email:	:	

22	a) Detailed Technical specifications of all the equipment quoted in the Price bid. (List to be enclosed) as per annexure-II	:	
23	B.I.S. Certificate of principal manufacturer (copies to be enclosed)		

(Add additional sheets as required)

NOTE:

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

SIGNATURE OF OFFERER WITH SEAL

TECHNICAL QUOTATION

**LAB EQUIPMENT FOR STRENGTHENING OF
PESTICIDE TESTING LABORATORIES**

Annexure II

PESTICIDE LAB EQUIPMENTS

Sl. No.	Name of the PTL	Name of the Equipment with specification	Required No.
1	2	3	4
1	Ananthapuram	UV-Visible Spectrophotometer with double beam with PC, printer and UPS -3KV batteries	1
		Analytical Balance (Option I)	1
		Freezer of 400lts with deep freezer capacity - 30 degree centigrade	1
2	Kurnool	Analytical Balance (Option I)	1
		Flash point apparatus	1
		UV-Visible Spectrophotometer with double beam with PC, printer and UPS -3KV batteries	1
3	Visakapatnam	Analytical Balance (Option I)	1
		Canon Ir 2520 desktop with DADF & duplex printer by canon	1
		Computer with 8GB Ram 1 TB Hard disk, with Printer Duplex	1
		Deep freezer(-300 C) 200 ltr	1
		Electronic Sieve shaker along with sieves Caibrated by an NABL Accredited Agency	1
		Shower Cum Eye Washer (Hand / Foot Operated)	1
		Freezer of 400lts with deep freezer capacity - 30 degree centigrade	1
		HPLC with UPS 3KA Batteries (2489 – Detector, 515- HPLC pump, 2707-Auto Sampler)	1
		Rotary Vaccum Evaporator for FTIR	1
		Software for Chemito GLS-Iris-32 with Brnaded PC (Specifications for PCR are as given separately)	1
		UV-Visible Spectrophotometer with double beam with PC, printer and UPS -3KV batteries	1
		Vaccum pump ½ hp, 1440 RPM, 5 Lts Capacity (Oil free type)	1
		Flash Point	1
		Suction Pump	1
		Instrumental Data Processing Unit with Antivirus for Mocrosoft Windows XP	1

4	Guntur	Analytical Balance (Option I)	1
		Canon Ir 2520 desktop with DADF & duplex printer by canon	1
		Computer with 8GB Ram 1 TB Hard disk, with Printer Duplex	1
		Electronic Sieve shaker along with sieves Caibrated by an NABL Accredited Agency	1
		Freezer of 400lts with deep freezer capacity - 30 degree centigrade	1
		Weight box(Certified by NABL)	1
5	Tadepalligudem	Analytical Balance (Option I)	1
		All Glass Quartz Double Distillation unit	1
		Shower Cum Eye Washer (Hand / Foot Operated)	1
		Freezer of 400lts with deep freezer capacity - 30 degree centigrade	1
		GLC with Interpretor(Computer) + 3kva ups	1
		HPLC with UPS 3KA Batteries (2489 – Detector, 515- HPLC pump, 2707-Auto Sampler)	1
		Rotary Vaccum Evaporator for FTIR	1
		UV-Visible Spectrophotometer with double beam with PC, printer and UPS -3KV batteries	1

1. UV-Visiible Spectrophotometer

UV-Vis Spectrophotometer should be microprocessor based with latest external computer with following specifications.

Photometric System	:	True Double beam optics
Monochromator	:	Czerny-Turner mounting monochromatic system
Detector	:	Photomultiplier tube
Light source	:	Halogen lamp, Deuterium lamp, auto position adjustment of light source
Wave length range	:	190 to 1100nm
Wavelength accuracy	:	$\pm 0.1\text{nm}$ at 656.1nm D2
Wavelength repeatability	:	$\pm 0.05\text{nm}$
Scanning speed	:	Wavelength slew rate: about 14000nm/min
Wavelength scan rate	:	about 4000 to 0.5nm/min
Spectral bandwidth	:	Variable spectral band width from 0.5, to 4nm adjustable
Resolution	:	0.1nm
Photometric modes	:	Absorbance(Abs), Transmittance(%T), Reflectance(%R), Energy(E)
Photometric range	:	Absorbance -2 to 2 Abs or better
Photometric accuracy	:	± 0.003 Abs(at 1 Abs) or better with NIST standard.
Photometric Repeatability	:	± 0.001 Abs (at 0.5Abs) or better
Computer system	:	Latest Personal computer with 8 GB Ram, LCD monitor and laser printer(multi mode) - Latest original Microsoft windows operating

		software - Latest Spectroscopy software which enables the scanning, wavelength program, kinetics, single wave and multi wave length measurements-quantisation of unknowns in percentage from single point and multiple point (calibration curve), scanning, etc.,
Guarantee/Warranty	:	3 years
Accessories	:	All the required accessories for smooth operation of the spectrophotometer and essential consumable and non consumable spares also be supplied.
AMC/CMC	:	The supplier may quote for AMC/CMC for the next 5 years along with main bid.
Service	:	There must be manufacturer's after sales service centre in Andhra Pradesh to provide regular servicing of the systems.

2. Analytical Balance (Option I)

Electronic balance- Analytical (Option I)		Micro processor based Analytical Electronic balance with the following specifications.
Weighing capacity		160g or above
Readability		0.1mg
Repeatability		0.1 mg
Linearity		± 0.2 mg
Calibration		- Internal calibration
Other features		Overload protection should exist Piece counting, Percent weighing, Check weighing, Dynamic weighing, Statistics. Formulation, Totaling, Free factor, Memory Recall facilities should exist.
Calibration certificate		calibration certificate from an NABL accredited Laboratory under ISO 17025 in the name of Laboratory should be provided
Warranty		Two years warranty

3. Freezer of 400ltr with deep freezer

Deep freezer	should work on 230V /50 Hz and shock proof &vibration proof 400 Lt capacity. should work quietly Frost free Hard top horizontal freezer with 2 shelves/baskets To regulate temperature up to -30° C or better. with external temperature –digital read out and CFC free meets the calibration requirements. Should be supplied along with calibration certificate in the name of the customer as per ISO-17025-2005 from any NABL accredited laboratory.
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4. **Flash Point:**
(The offerer has to furnish the specifications of the equipment)
5. **Canon Ir 2520 desktop with DADF & duplex printer by canon:**
(The offerer has to furnish the specifications of the equipment)
6. **Computer with 8GB Ram 1 TB Hard disk, with Printer Duplex:**

Computer	Core i5;RAM; Memory 8 GB minimum; HDD 1 TB; Display 1280×1024 , (1024×768 or larger), ; Drive DVD-ROM drive; TFT LED Screen 23 inch Monitor; Keyboard, Mouse; OS - Windows7 (64bit) or better.
	Printer: Branded multimode laser colour printer of latest version.

7. **Deep freezer (-300 c) 200 ltr:**
(The offerer has to furnish the specifications of the equipment)
8. **Electronic sieve shaker along with set of sieves:**

Electronic sieve shaker along with set of sieves	To work on 230 V 50H. Horizontal circular motion With digital timer and auto settings Noise less set of sieves from 45µm to 2mm calibrated by an NABL accredited agency.
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9. **Shower Cum Eye Washer(Hand/ Foot Operated):**
(The offerer has to furnish the specifications of the equipment)
10. **Software for chemito GLC – Irish – 32 with branded PC :**
(The offerer has to furnish the specifications of the equipment)
11. **Specifications for High Performance Liquid Chromatograph (HPLC)
with UV-Vis detector**

High Performance Liquid Chromatograph UV-Vis Detector

The HPLC must be capable of analyzing compounds with varied columns, with extensive self-diagnostics and can be operated by an external PC through chromatography software besides the following configuration and specifications. The standard accessories and spares will have to be supplied **with the equipment**.

The Pump:

- High Pressure binary gradient pump System
- Should deliver constant and pulse free solvent ranging from 0.1ml to 5.0ml/min or better with a precision of 0.1% RSD or better.
- Should meet a flow accuracy of +1% or 10 ul /min, whichever is greater.
- Should have a pressure range of 0 to 5000 psi or better

- Should have a composition accuracy of $\pm 0.5\%$ absolute, independent of backpressure.
- pH range: 1 to 12 or better.
- Should have the facility to calibrate the flow and readjust the real time flow values.
- Should have the facility to monitor the pump status like flow, pressure etc.,

In line degasser:

- A degasser to de gas in line of all the solvents lines including **normal phase solvents** should be supplied which works continuously and efficiently.

Column Oven (optional):

- Column oven to accommodate up to two or more 30cm Columns, preferably a microprocessor based, conforming to ISO 17025 with the NABL accredited lab certificate.
- Should have a range of ambient to 75°C
- Should have an accuracy of 1°C
- Should have indicators/monitors to know the status of the instrument.

Injector Port: Rheodyne fixed loop injector assembly with trigger type should be supplied along with the instrument. Should be provided variable pre calibrated sample loops with maintenance kit.

Autosampler:

- Should have Injection range of 0.1 - 100 μ l in 0.1 μ l increments. Should be upgradable to 1500 μ l or more.
- Injection cycle time should be 20 μ l or less
- Injection precision should be less than 0.3% RSD or better.
- Sample Capacity should be 100 x 2ml vials or more.
- Carryover: should be less than 0.005% or 50 ppm

The Detector: UV-Vis. Detector with the following specifications.

- should have a wave length range of 190 – 600 nm
- should have a wave length accuracy of ± 1 nm
- should have a base line Noise less than $\pm 0.5 \times 10^{-6}$ AU, 230 nm.
- should have a drift less than $+ 1 \times 10^{-4}$ AU/hr/ o C, 230 nm.
- Linearity range: <5% at 2 AU
- Slit width :1.2nm or better
- Should have the lamp health check facility to track the usage of lamp.
- should have self-diagnostics to check the system function and calibration
- should have an easy operation to calibrate the system

Columns: The following columns may be supplied **along with each instrument**

1. Silica column 250mm X 4-6mm id, 5 mic 2 no.
2. C18 column 250mm X 4.6mm id, 5mic 4 no.
3. C18 column 250mm X 4.6mm id, 10mic 1 no.

Guard Column: Suitable guard column sets (2 no's) with C18 inserts should be supplied along with each instrument.

Solvent filtration kit: All glass solvent filtration apparatus with suitable filter membranes to filter aqueous and organic solvents should be supplied.

Vacuum pump: Vacuum pump must be a dry/PTFE coated diaphragm based, operational under 220V/50Hz and constructed with chemical resistant materials. Should have an output of vacuum of 800 mm Hg or better

Sample clarification kit: Stain steel sample clarification kits 2 No's along with membranes should be supplied.

Ultrasonic bath: The Ultra sonic bath must accommodate up to 3 liter flask with a thermostatic controlled heater facility.

UPS*: An uninterruptable power supply system (of reputed brand with proven performance record) of 10 KVA capacity with 2 hours backup supported by maintenance free sealed batteries (65Ah batteries or better) should be supplied **with each equipment** as per the specifications provided below.

Data Handling Software and PC :

- Computer of standard make like HP, Dell or Lenevo should be supplied with mentioned specification: Processor: i5-quard core, 3.0 GHz, or higher version; 8GB RAM, 1TB hard higher drive or; DVD Read Write Drive, 22'' or more wider LED colour monitor; 101 keys key board, Mouse and Mouse Pad; with latest version of windows based operating software (original software should be provided).
- Laserjet Printer
- The latest software which is compatible with the chromatography software should be supplied. A Original windows latest software which is compatible with the chromatography software be supplied with the system.
- The chromatography software should be of latest of its version and be able to collect the data from two Detectors simultaneously.
- The software should facilitate easy method building, data integration and custom report generation.
- Chromatography software must be able to **generate test report in % age active ingredient.**
- The software should facilitate manual as well as auto integration of the data.
- The software should have all the features required for audit trail under **GLP/GMP** with a **password locking facility.**
- The software should have a real time display of the chromatogram and the process sample details.

Other conditions:

- The specifications are only a guide line and the supplier is at liberty to quote the better options also, but the Instrument model should have been brought in to the market recently with a proven record whose working demonstration can be arranged within the town in a short notice.
- Should have a **three years warranty period for the equipment including the PC** and should be willing to undertake AMC for five years after warranty period.
- Quotation for AMC (for five years) should be shown under a separate head in the price bid.

- The manufacturer/supplier preferably provide support with required spares and services for a minimum period of ten years of the model of the instrument quoted.
- All the required accessories should be supplied along with the instruments for its optimum performance.
- The manufacturer/ supplier should have their presence in India by way of supplying and providing after sales service of their instrument including the annual maintenance after the guarantee period.
- The manufacturer/supplier should arrange the training program in India for at least two analysts in operation of each of the instrument, its simple maintenance as well as thoroughness in application of software either at our laboratories or their manufacturing site or any of their centralized laboratory/application center/learning school.
- **The cost of the consumables during warranty period may be quoted along with main bid.**

Service: There must be manufacturer's after sales Service Centre in Telangana / Andhra Pradesh to provide regular servicing of the systems.

Important Note: *The Instrument supplier must be either the original manufacturer or their authorized distributor/dealer and an authorization letter to that effect must be enclosed along with the quotation in case of latter.*

Un-interrupted Power Supply system*

The UPS will work on 3phase and will consistently give single phase 230 V fluctuation and spike free output with **microprocessor controlled with self-diagnostics** and digital monitoring of the functions and faults of the UPS including the batteries and easily accessible for, operation, maintenance of the system and batteries, with the following features.

Output

Output Power Capacity	: 8000 Watts / 10 kVA with self-diagnostics and recording for faults
Nominal Output Voltage	: 230 V single phase
Output Voltage Distortion	: Less than 5% at full load
Output Frequency (sync to mains)	: 47 - 53 Hz for 50 Hz nominal
Waveform Type	: Sine wave
Bypass	: Built-in Maintenance Bypass, Built-in Static Bypass

Input

Input voltage range for main operations	: should work between 300 - 480V
Nominal Input Voltage	: 3 phase
Input Frequency	: 47 - 70 Hz

Batteries & Runtime

Battery Type	: Maintenance free Sealed external batteries (of 65 AH or better) from a reputed manufacturer
Back up	: 2 hrs. with full load

Supplier should give **3 years warranty on entire system**

Supplier should have an after sales service center in Andhra Pradesh.

12. Rotary vacuum evaporator:

Rotary vacuum evaporator Bench top with chiller.	Micro processor based RVE to work on 230 V/50 Hz. -with digital display of speed and temperature etc., Programmable speed up to 270 rpm or better -with hand lift and height & angle adjustment facility -with PTFE seals -water bath temp. adjustable up to an accuracy of $\pm 1^{\circ}$ C -dry type vacuum pump with two stage diaphragm valve with a capacity to reach 9m bar or better (adjustable) -with an integrated programmable chiller (CFC free refrigerant) .

13. Vacuum pump:

Vacuum pump	To work on 220V/50 Hz. Dry type with Twin diaphragm Should be chemical resistant, With suction capacity of 30L/min and able to achieve vacuum -750mm/Hg With a gauge to monitor the pressure/ vacuum. Noise level should be around 50dB
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14. Suction pump:

(The offerer has to furnish the specifications of the equipment)

15. Instrumental Data Processing Unit with Antivirus for Micosoft Windows XP

(The offerer has to furnish the specifications of the equipment)

16. Weight box(Certified by NABL):

(The offerer has to furnish the specifications of the equipment)

17. GLC with Interpreter(Computer) + 3kva ups:

(The offerer has to furnish the specifications of the equipment)

18. All Glass quartz Double distillation unit:

(The offerer has to furnish the specifications of the equipment)

PRICE QUOTE

ANNEXURE- III**PRICE QUOTE***(as per specifications mentioned in Annexure-II)***SCHEDULE**

Lab Equipment for strengthening of Pesticide testing labs

Sl. No.	Description of equipment	Quantity each no. (in Nos.)	Rate quoted per each		
			Rs.in figures (in words)		
			Basic price per each piece (including FOL/deliver/ Training/ commissioning)	Taxes	Total
	LAB EQUIPMENTS				
1.	UV-Visible Spectrophotometer with double beam with PC, printer and UPS -3KV batteries				
2.	Analytical Balance (Option I)				
3.	Freezer of 400lts with deep freezer capacity -30 degree centigrade				
4.	<u>Flash point apparatus</u>				
5.	Canon Ir 2520 desktop with DADF & duplex printer by canon				
6.	Computer with 8GB Ram 1 TB Hard disk, with Printer Duplex				
7.	Deep freezer(-300 C) 200 ltr				
8.	Electronic Sieve shaker along with sieves Caibrated by an NABL Accredited Agency				
9.	Shower Cum Eye Washer (Hand / Foot Operated)				
10.	Software for chemito GLC – Irish – 32 with branded PC (specs for PC are as given separately)				
11.	HPLC with UPS 3KA Batteries (2489 – Detector, 515- HPLC pump, 2707-Auto Sampler)				
12.	Rotary Vaccum Evaporator for FTIR				
13.	Vaccum pump ½ hp, 1440 RPM, 5 Lts Capacity (Oil free type)				
14.	Suction Pump				
15.	Instrumental Data Processing Unit with Antivirus for Mocrosoft Windows XP				
16.	Weight box(Certified by NABL)				
17.	GLC with Interpretor(Computer) + 3kva ups				

18	All Glass quartz Double distillation unit				
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1. The basic rates quoted should be inclusive of all Taxes / Duties on FOL delivery to the concerned lab & inclusive of loading, unloading, training to concerned officials with machine operation etc. GST shall be shown separately
2. The rates quoted in the Price quote should be firm and valid up to 31.03.2020. The APSAIDC Ltd. will not entertain any upward price revisions during the agreement period. The validity period can be extended on mutual consent of both the parties.
3. The rates and units shall not be over written. The rates and units shall always be in both figures and words.

Place :

Date

SIGNATURE OF OFFERER WITH SEAL

ANNEXURE - IV
DECLARATION ON Rs.100/- NON JUDICIAL STAMP PAPER

1. I/We have read and understood the terms and conditions of EOI schedule relevant to “EOI notice” dated: 20-06-2019 and I/we have submitted the Annexures in accordance with the terms and conditions of above EOI schedule.
2. I/We shall not sell the products being quoted through this EOI schedule, at a lower price either to Government / Private parties in the State of Andhra Pradesh by way of giving any additional trade discount or incentives. If any such incident is noticed the A.P.S.A.I.D.C. Ltd. has the right to restrict all payments to such a lower rate apart from initiating penal action.
3. The information furnished in the Annexure-I is true and factual I clearly understand that our EOI schedule is liable for rejection, if any information furnished is found not true and factual, at any point of time.
4. The product/s offered by us is not copied or duplicated from any product design. In case the Corporation authorities find at any Time our products are an imitation or duplicate, we are bound for any legal action to be taken on us including blacklisting our firm.
5. I/We declare that I/we do not violate any patent/trade mark rights of any other manufacturer.

Place :
Date :

SIGNATURE OF THE OFFERER
WITH SEAL

DATA SHEET

Information to TENDER applicant(s)

Clause Ref.	Description								
1	<p>The name of the Client is :</p> <p>Vice Chairman & Managing Director APS Agro Industries Development Corporation Limited Regd. Office: No.55-17-224, 5th floor, Stalin Corporate, 2nd cross road Industrial Estate, Autonagar, Vijayawada-520007</p> <p>Ph: 0866 – 2556803 : Fax : 0866 - 2556804 Email: apagrosdmae@gmail.com, Website: www.apagros.org</p>								
2	<p>The Method of selection is :</p> <p>Quality-and Cost-Based Selection (QCBS)</p>								
3	<p>The Edition of the Guidelines is :</p> <p>As furnished in the EOI schedule</p>								
4	<p>TENDER and Financial Schedules are requested Separately:</p> <p>Yes</p>								
5	<p>Particulars of materials to be supplied:</p> <p>Supply, installation, commissioning, validation of Pesticide Lab Equipment.</p>								
6	<p>The addresses and Telephone numbers of client's Regional offices are</p>								
	<table border="1"> <tbody> <tr> <td style="text-align: center;">1</td> <td> District Manager. APS AGRO IND. DEV. CORP. LTD. Thotapalem road, Opp. RTC Bus stand, Vizianagaram 531202, Andhra Pradesh, Phone No: 08922-224256. Mobile No. 9133460123 </td> </tr> <tr> <td style="text-align: center;">2</td> <td> Manager(AE), APS AGRO IND. DEV. CORP. LTD. Pension office lane, Maidan grounds, Eluru 534 005, Andhra Pradesh, phone No. 08812-230731 Mobile: 9848076866 </td> </tr> <tr> <td style="text-align: center;">3</td> <td> Regional Manager APS AGRO IND. DEV. CORP. LTD. Besides IMFL Godown, Nallapadu Guntur 522006, Andhra Pradesh Phone No.0863-2290299, Mobile: 9948099876 </td> </tr> <tr> <td style="text-align: center;">4</td> <td> Regional Manager, APS AGRO IND. DEV. CORP. LTD. Industrial Estate, Bellary road, Anantapur- 515 001, Andhra Pradesh. Phone No.08554-270815, Mobile: 9948076847 </td> </tr> </tbody> </table>	1	District Manager. APS AGRO IND. DEV. CORP. LTD. Thotapalem road, Opp. RTC Bus stand, Vizianagaram 531202, Andhra Pradesh, Phone No: 08922-224256. Mobile No. 9133460123	2	Manager(AE), APS AGRO IND. DEV. CORP. LTD. Pension office lane, Maidan grounds, Eluru 534 005, Andhra Pradesh, phone No. 08812-230731 Mobile: 9848076866	3	Regional Manager APS AGRO IND. DEV. CORP. LTD. Besides IMFL Godown, Nallapadu Guntur 522006, Andhra Pradesh Phone No.0863-2290299, Mobile: 9948099876	4	Regional Manager, APS AGRO IND. DEV. CORP. LTD. Industrial Estate, Bellary road, Anantapur- 515 001, Andhra Pradesh. Phone No.08554-270815, Mobile: 9948076847
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5	Regional Manager APS AGRO IND. DEV. CORPN. LTD. Vellore Road Chittoor- Andhra Pradesh Mobile : 9948076847
6	The client will provide the following: Technical specifications of the pesticide lab equipment,.
7	The EOI submission address is: Vice Chairman & Managing Director APS Agro Industries Development Corporation Limited Regd. Office: No.55-17-224, 5 th floor, Stalin Corporate, 2 nd cross road Industrial Estate, Autonagar, Vijayawada-520007
8	The information on the outer envelope should also include: EOI for Supply and installation, commissioning, validation of pesticide lab equipment. Validity of EOI shall be 90 days from the date of submission.