

Government of Kerala
Agricultural Development & Farmers' Welfare Department
State Pesticide Testing Laboratory
Parottukonam, Thiruvananthapuram – 695015
Phone: 0471 - 2530867,
Email: ddaptl.agri@gmail.com

No. PT(2)155/2016

Dated: 08/11/2016


Notice inviting e-tender for the Procurement of
Certified Reference Materials of Pesticides

e-Tenders in two cover system are invited from competent dealers for the Procurement of Certified Reference Materials of Pesticides under the scheme **Modernization of Departmental Laboratories 2016-17** to State Pesticide Testing Laboratory, Parottukonam, Nalanchira P.O Trivandrum Kerala Pin 695015 of the Agricultural Development & Farmers' Welfare Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>.

Tender id	: 2016_AGRI_86085_1
Tender No. with PAC	: PT(2)155/2016/et1crm/16-17/SN Rs.7.00 Lakhs
Document sale start date	: 10/11/2016
Document sale end date	: 09/12/2016
Bid Submission start date	: 10/11/2016
Last date & time of receipt of e-Tender	: 09/12/2016 – 5.00 PM
Date & Time of opening of e-Tender	: 16/12/2016 -11.00 AM
Cost of e-Tender (online submission)	: Rs. 1400+VAT @ 5%
Date up to which the rates are to remain firm for acceptance	: 31.03.2017.
E.M.D.	: 1% of the PAC (through online payment)
Security Deposit	: 5% of total contract amount inclusive of E.M.D.
Period of Supply	: Within 30 days of receipt of supply order

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Deputy Director of Agriculture
Cum Senior Chemist

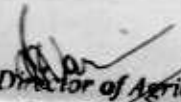
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Research Officer
Pesticide Testing Laboratory
Parottukonam, Nalanchira P.O
Thiruvananthapuram-15

**SPECIFICATION FOR PROCUREMENT OF CERTIFIED
REFERENCE MATERIALS OF PESTICIDES**

The following special conditions are to be fulfilled to be eligible for the technical evaluations of the bid. Only those bidders who satisfy the following special conditions should respond to this e-tender. The CRM should have validity of minimum 12 months from the Date of Supply

SL No	Name of the Certified reference Materials	Quantity Required	Criteria - Purity in %
1	Acephate	500mg	>95
2	Acetamiprid	300mg	>95
3	Alphacypermethrin	100mg	>95
4	Beta Cyfluthrin	500mg	>95
5	Bifenthrin	200mg	>95
6	Bispyribac Sodium	100mg	>95
7	Bromodiolone	100mg	>95
8	Carbosulfan	200mg	>95
9	Cartap Hydrochloride	200mg	>95
10	Chlorantraniliprole	100mg	>95
11	Chlorimuron Ethyl	200mg	>95
12	Chlorothalonil	250mg	>95
13	Chlorpyrifos	500mg	>95
14	Cyhalofop-Butyl	100mg	>95
15	Cypermethrin	500mg	>95
16	Deltamethrin	500mg	>95
17	Dichlorvos	250mg	>95
18	Difenthiuron	100mg	>95
19	Ethion	500mg	>95
20	Ethoxysulfuron	100mg	>95
21	Fenamidone	100mg	>95
22	Fenvalerate	500mg	>95
23	Fipronil	300mg	>95
24	Flubendiamide	200mg	>95
25	Hexaconazole	500mg	>95
26	Imidacloprid	500mg	>95

27	Indoxacarb	100mg	>95
28	Kresoxim Methyl	300mg	>95
29	Lambda Cyhalothrin	500mg	>95
30	Malathion	300mg	>95
31	Metaflumizone	100mg	>95
32	Oxadiazargyl	200mg	>95
33	Phenthoate	200mg	>95
34	Phosalone	200mg	>95
35	Propiconazole	500mg	>95
36	Quinalphos	1000mg	>95
37	Spinosad	200mg	>95
38	Spiromesifen	200mg	>95
39	Tebuconazole	500mg	>95
40	Thiomethoxam	300mg	>95
41	Trifloxystrobin	200mg	>95


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No. PT(2)155/2016

Dated: 08-11-2016


Notice inviting e-tender for the Procurement of
PC Based Gas Liquid Chromatograph (GLC) with FID Detector

e-Tenders in two cover system are invited from competent dealers for the Procurement of PC Based Gas Liquid Chromatograph (GLC) with FID Detector under the scheme **Modernization of Departmental Laboratories 2016-17** to State Pesticide Testing Laboratory, Parottukonam, Nalanchira P.O Trivandrum Kerala Pin 695015 of the Agricultural Development & Farmers' Welfare Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>.

Tender id	: 2016_AGRI_86147_1
Tender No. with PAC	: PT(2)155/2016/et2GLC/16-17/SN Rs.14.00 Lakhs
Document sale start date	: 10/11/2016
Document sale end date	: 09/12/2016
Bid Submission start date	: 10/11/2016
Last date & time of receipt of e-Tender	: 09/12/2016 – 5.00 PM
Date & Time of opening of e-Tender	: 17/12/2016 -11.00 AM
Cost of e-Tender (online submission)	: Rs. 2100+VAT @ 5%
Date up to which the rates are to remain firm for acceptance	: 31.03.2017.
E.M.D.	: 1 % of PAC in online payment.
Security Deposit	: 5% of total contract amount inclusive of E.M.D.
Period of Supply	: Within 30 days of receipt of supply order

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Deputy Director of Agriculture

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Research Officer
Pesticide Testing Laboratory
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Thiruvananthapuram-15

**SPECIFICATION OF PC BASED
GAS LIQUID CHROMATOGRAPHY (GLC) WITH FID DETECTOR**

The following special conditions are to be fulfilled to be eligible for the technical evaluations of the bid. Only those bidders who satisfy the following special conditions should respond to this e-tender.

SL No	Descriptions	Criteria
	Column Oven	<ol style="list-style-type: none"> 1. Temperature Range 50° C to 400° C 2. Column over heat protection 3. Ramp range from 0° C to 50° C per minute ; Maximum 3 Ramps, 4 Plateaus 4. Oven Cooling 400° C to 50° C in Less than 5 minutes
	Columns	Temperature programme steps- Upto 20 steps Columns required Packed Column Stainless Steel with adaptors and fittings 1.8m x 2mm dia – 3% OV-101 (1 No) 2m x 3mm dia 3% OV-17 (1 No) 100cm x 2mm dia 5% OV – 101 (1 No) 1.5m x 4mm dia 10% SE -30 (1 No) 2m x 3mm dia 10% OV – 101 (1 No) 2m x 2mm dia 5% SE – 30 (1 No) 90cm x 3mm dia 3% DEXIL – 300(1 No) 2 Nos
	Sample Injection Unit	<ol style="list-style-type: none"> 1. Suitable for 1/4";1/8" and 1/16" packed column with Adaptor 2. Temperature Range : - 50° C to 400° C
	Performance Specification	<ol style="list-style-type: none"> 1. Typical Retention time Repeatability – 0.010 or better 2. Typical peak area Repeatability – less than 0.5% RSD Carrier Gas Flow Controller – Flow rate setting range – 0 to 100 ml/min Flame ionization Detector – 2 Nos
	Detectors	<ol style="list-style-type: none"> 1. Compatible with 1/4";1/8" and 1/16" packed column 2. Temperature – Maximum Temperature-400° C 3. Flame Out Detection 4. Flow Settings <ol style="list-style-type: none"> 1. Air – 0 – 400ml/min 2. Hydrogen – 0 – 150ml/min 3. Carrier Gas – 0-150 ml/min

Integrating Software	Dual Channel Data integrating Suitable Software should be quoted. The Software should have all the features required for audit trail under GLP with a password locking facility.
PC & Printer	1. The personal computer with latest processor/configuration with LCD monitor and Laser Jet Printer should be supplied along with the instrument
Cylinder	Nitrogen, Air, Hydrogen with double stage Regulator with SS Diaphragm
Gas Purification Panel	For Nitrogen, Air, Hydrogen should be supplied
Syringes	Hamilton Liquid Syringe of 10µl Capacity. 8 Nos
Septum	Silicon Rubber Septum with 11.5 mm dia – 200 Nos
	1. Soap Bubble flow meter – 1 No
Accessories	2. Set of Fuses – 1 set
	3. Set of Tools – 1 Set
	4. Copper Tubing for Gas Connector – 1 Set
	5. Dust Cover – 1 No
Other Special Conditions	1. The equipment should be delivered and installed at State Pesticide Testing Laboratory, Parottukonam, Nalanchira PO, Thiruvananthapuram
	2. The availability of spares should be guaranteed for a minimum period of 10 years
	3. Installation, commissioning, demonstrations and training on routine maintenance and operation/analytical support should be provided by factory trained application Chemist and Engineer free of cost
	4. Original catalogue with specifications of the offered model, matching with specification of company website to be submitted along with the tender documents
	5. All necessary operation manual and maintenance manual to be provided in hard and soft copies along with the equipment
	6. A detailed list of the model quoted satisfying the requisites. Tender specifications should be supplied in compliance format along with proof as scanned copy in e-tender and hard copy to be submitted before the last date of submitting the tender without fail
	7. The rate quoted should include all expenditure including taxes, installation, Transportation, loading and unloading at SPTL, TVPM
	8. Comprehensive Warranty Period including replacement of spares and calibration – 5 years
	9. Should be willing to undertake AMC/CMC with calibration for 5 years after the warranty period
	10. The Service Engineer should be available to attend the breakdown call in less than 48 hours
	11. All the necessary items needed for the complete installation of the equipment should be provided

[Handwritten Signature]