

Agriculture Development & Farmers' Welfare Department

ETENDER NOTICE

No. PT(1)104/2025/CRM-I/SN

21th August 2026

e-Tenders in single cover system are invited from competent dealers for the Procurement of Certified Reference Material of Pesticides under the scheme RKVY project for the Modernisation and Upgradation of the State Pesticide Testing Laboratory to State Pesticide Testing Laboratory, Parottukonam, Nalanchira P.O., Thiruvananthapuram, Kerala Pin-695015 of the Agriculture Development & Farmers' Welfare Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>.

Tender id	2026_AGRI_866315_1
PAC	15,00,000/-
Document sale start date	21.08.2026-02.00PM
Document sale end date	10.09.2026-05.00PM
Bid Submission start date	21.08.2026-02.00PM
Date & Time of opening of e-Tender	14.09.2026-11.00AM
Cost of e-Tender (online submission)	Rs.2300+ 18% GST
Date up to which the rates are to remain firm for acceptance	31.05.2027
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

SCHEDULE OF ITEMS TO BE SUPPLIED

SL No	Name of the item with specification	Quantity Required (Approximate)	Purity in Percentage	Remarks
1	2	3	4	5
1	Abamectin	100mg	≥95	The quantity shown in the column 3 are approximate and may be increased or decreased at the
2	Allethrin	100mg	≥95	
3	Carbosulfan	100mg	≥95	
4	Chlorantraniliprole	150mg	≥95	

5	Dicofol	100mg	≥ 95	discretion of the purchaser, subject to minimum pack size and availability of fund.
6	Dinocap	100mg	≥ 95	
7	Diuron	100mg	≥ 95	
8	Fluopicolide	100mg	≥ 95	
9	Giberllic Acid	50mg	≥ 95	The quantity shown in the column 3 are approximate and may be increased or decreased at the discretion of the purchaser, subject to minimum pack size and availability of fund.
10	Kasugamycin	50mg	≥ 95	
11	Lufenuran	100mg	≥ 95	
12	Malathion	100mg	≥ 95	
13	Metalaxyl	200mg	≥ 95	
14	Methomyl	100mg	≥ 95	
15	Metalaxyl M	100mg	≥ 95	
16	Mepiquat Chloride	100mg	≥ 95	
17	Paclobutrazol	150mg	≥ 95	
18	Profenophos	150mg	≥ 95	
19	Propamocarb Hydrochloride	50mg	≥ 95	
20	Propetamphos	100mg	≥ 95	
21	Propiconazole	250mg	≥ 95	
22	Pymetrezine	100mg	≥ 95	
23	Pyriproxyfen	100mg	≥ 95	
24	Spinetoram	1mg	≥ 95	
25	Sulfoxaflor	100mg	≥ 95	
26	Tebuconazole	100mg	≥ 95	
27	Tetraniliprole	100mg	≥ 95	
28	Thifluzamide	100mg	≥ 95	
29	Triadimefon	100mg	≥ 95	
30	Triafamone	100mg	≥ 95	
31	Chlorpyrifos	500mg	≥ 95	Accredited manufacturer

32	Hexaconazole	300mg	≥95	s (NABL/ISO: 17034 or equivalent)
33	Quinalphos	500mg	≥95	

***IMPORTANT**

The quantities shown in the column 3 are approximate and may be increased at the discretion of the purchaser, subject to minimum pack size and availability of fund.

I.General Requirements of Certified Reference Material of Pesticides

1. All reference materials supplied shall be **Certified Reference Materials (CRMs)** traceable to **SI units**.
2. The CRMs shall be suitable for use in GC-FID and HPLC UV-Vis Detector
3. CRMs shall be required for Method validation, Routine sample analysis, Calibration and quality control, Proficiency testing and internal quality checks.

II. Certification and Traceability

1. Each CRM shall be accompanied by a **Certificate of Analysis (CoA)** clearly indicating Certified value / purity (%), Measurement uncertainty, Traceability statement, Lot / batch number, Date of manufacture, Expiry or re-test date.
2. Electronic copies of CoA shall also be provided along with physical supply.

IIA. Certification and Traceability for SL No.35; 36 & 37.

1. Each CRM shall be accompanied by a **Certificate of Analysis (CoA)** clearly indicating Certified value / purity (%), Measurement uncertainty, Traceability statement, Lot / batch number, Date of manufacture, Expiry or re-test date.
2. CRMs shall be produced by manufacturers **accredited to NABL/ISO 17034** or equivalent internationally accepted standard.
3. The certificate shall explicitly state compliance with **NABL191 /ISO Guide 31 / ISO 17034**.
4. Electronic copies of CoA shall also be provided along with physical supply.

III. Purity and Quality Specifications

1. Minimum purity of pesticide CRMs shall be **≥ 95%**, unless otherwise specified for specific compounds.
2. Higher purity grades (≥ 98–99.5%) shall be preferred where available.
3. The uncertainty shall be clearly stated and acceptable for regulatory analysis.
4. CRMs shall be suitable for formulation analysis as per **BIS/CIB&RC specifications**.

IV. Packaging and Quantity

1. CRMs shall be supplied in **small analytical packs** (typically 25 mg, 50 mg, 100 mg or equivalent).
2. Packaging shall be Airtight, Tamper-proof, Chemically compatible.
3. Each container shall be clearly labelled with Name of CRM, Lot number, Purity, Storage conditions, Expiry / re-test date

V. Shelf Life

1. At the time of supply, CRMs shall have the total shelf life is $\geq 75\%$ **residual shelf life**.
2. CRMs nearing expiry shall not be supplied and will be rejected without any negotiation.

VI. Storage and Transport

1. CRMs shall be transported under **appropriate temperature-controlled conditions**, wherever required.
2. Suppliers shall ensure compliance with Manufacturer's storage recommendations, Safety and transport regulations
3. Any damage or deterioration during transit shall be the responsibility of the supplier.



Sabitha S.D. /c
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Cum Senior Chemist (I/c)

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