



F.No.6-37/2025-Purchase

Date: 07.05.2026

CORRIGENDUM

GeM Bid No. GEM/2026/B/7449138 dated 17.04.2026

The following modifications are incorporated in the GeM bid for LC-MS/MS

Sl.No. in Specification	Original specification	Amended specification following the pre-bid meeting
1	A Bench Top/Floor Based high sensitivity triple/tandem quadrupole LC-MS/MS system for Pesticides, Mycotoxins, Antibiotics and Veterinary drug residues analysis with software to meet FSSAI requirements as well as regulatory requirements for organic food products. The system sensitivity should meet regulatory guidelines for contaminants in Food and Agricultural products.	A high sensitivity triple/tandem quadrupole LC-MS/MS system for Pesticides, Mycotoxins, Antibiotics, Steroids, PFAS and Veterinary drug residues analysis with software to meet FSSAI requirements as well as regulatory requirements for organic food products . The system sensitivity should meet regulatory guidelines for contaminants in Food and Agricultural products i.e. must achieve method LOQ of 2.5 ppb or better for Pesticide residue testing in Organic products . Vendors must quote the latest top-end model or must provide an undertaking that parts and service support will be available for at least 10 years. Revised specification sheet of same older model will not be accepted.
6	iv) The source shall have a flow rate compatibility from 10 µL/min to 1,000 µL/min or better, without flow splitting in both ESI and APCI modes	(iv) The source shall have a flow rate compatibility from 10 µL/min to 1,000 µL/min or better, without flow splitting in ESI and from 200 µL/min to 1,000 µL/min or better in APCI modes
25	i) Branded twelve numbers (12 Nos.) end capped columns as per the application notes	i) Branded end-capped columns for the following applications, as per submitted application notes for products of animal origin
26	x)Software should have the latest MRM library database.....	x) Software should have the latest inbuilt MRM library database of 1000 or more compounds..... for quick method setup through software. Mere Excel sheets will not be accepted.
27	i) A factory-supplied workstation	i) A factory-supplied/factory-endorsed workstation
	(a) RAM: Minimum 60 GB	(a) RAM: Minimum 34 GB or higher

	(b) Hard disk: 10 TB or better	b) Hard disk (inbuilt+external): 10 TB or better.
31-(iv)	All the UPS system batteries should be replaced	Deleted
35-(iv)	Trouble shooting training along with application support	Method development and validation of multiclass analysis of polar pesticides, PGRs without derivatizations in fish; Streptomycin, Vancomycin, Spectinomycin in fish, Nitrofurantoin parent compounds in feed, as per regulatory requirement must be performed at customer site after installation and necessary columns, solvents, and consumables should be provided with the instrument. CRMs will be made available by lab. This will be considered as PQ qualification.
35-(v)	Should be able to demonstrate RSD< 5% for 10 µL injection of 0.5 µg/Kg standard solution containing group of pesticides without internal standard should be provided by supplier along with tender documents in Matrix-Tea and spices for Pyridalyl, Spinosad, Dinotefuran.	Should be able to demonstrate RSD< 5% for 10 µL injection of 1.0 µg/Kg matrix-matched standard solution containing Sulfonamides, Quinolones, Abamectin antibiotics, without internal standard. Data should be provided by supplier along with tender documents in fatty fish/meat/egg matrix.
36-iii	Capillary Tube/Cone/Desolvation line/other similar accessories (as applicable)-10 Nos	ESI sample probe capillary/nebulizer needle kit/heated-ESI needle insert kit-10 Nos (as applicable) Desolvation line-15 Nos Ion Transfer Tube/Resistive Sampling Capillary-5 Nos (as applicable) Spray shield-5 Nos (as applicable)
36-vi	Amber colour vials.....2000 Nos	PP vials (1.5/2.0 mL) with cap and septa, PFAS free for PFAS analysis-1000 Nos.
36-xii	Low volume 500 µL sintered/recovery vials.....1000 Nos.	Compatible glass inserts for 1.5/2 mL vials: 500 Nos Compatible PP inserts for 1.5/2 mL PP vials: 500 Nos
36-xiii	QuEChERS kit.....1000 Nos	QuEChERS kit: AOAC QuEChERS salt packets: 1000 Nos. C-18 Bulk sorbent end capped -100 g x 3 boxes
36-(xiv)	One no. of Portable Bench top heavy duty.....	One table top Straight Vortex mixer MixMate or equivalent: Sample capacity max. 24 × 1.5 mL, 24 × 2.0 mL, 8 × 5/15 mL, 4 × 25/50 mL Product type Mixer Timer 15 s – 99.3 h, continuous Noise level <50 dB(A) Power supply 110 V, 50 – 60 Hz Max. power consumption 40 W Dimensions (W × D × H) 17.0 × 23.0 × 13.0 cm / 6.7 × 9.1 × 5.1 in Product weight 4.2 kg / 9.2 lb Max. speed 3,000 rpm

		Mixing frequency 300 – 3,000 rpm Mixing and vortexing radius 1.5 mm Touch vortex frequency 3500 rpm Mixing orbit 3 mm
37. System Performance Requirement	37-(i) to (vii)	37-(i) to (vii) + 37-(viii)-Must submit authenticated published application notes/peer reviewed publications involving the quoted or similar model for Polar pesticide analysis without derivatization; PFAS analysis in food of animal origin, water; Streptomycin, Spectinomycin, Vancomycin, Neomycin, Abamectin in food of animal origin with complete method details and chromatograms showing fit-for-purpose analysis capability, achieving target LOQ as per regulatory requirement. Without relevant application notes/peer-reviewed literature, bids won't be considered. Application Lab generated raw data will not be considered since it has not gone through peer review/verification.

All others remain unchanged.


Asst. Administrative Officer (Purchase)