



F.No.6-38/2025-Purchase

Date: 07.05.2026

**CORRIGENDUM**

**GeM Bid No. GEM/2026/B/7449960**

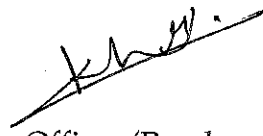
The following modifications are incorporated in the **GeM bid for GC-MS/MS**

Sl.No. in Specification	Original specification	Amended specification following the pre-bid meeting
1	A bench top compact high sensitive GC-MS/MS system to detect contaminants up to 10 ng/mL or below in Water, Food and Agricultural Products such as Organo Chlorine pesticides, Organo Phosphorus pesticides, Synthetic Pyrethroids, PCBs, and VOCs with user friendly software to meet the requirement of FSSAI.	A bench-top compact highly sensitive GC-MS/MS system for <b>Organic Produce testing to detect contaminants (Multiclass GC-amenable Pesticides, OCs, PAHs, PCBs) at &lt;5 ng/mL LOQ level in Food Products of Animal Origin with user-friendly software to meet the requirements of FSSAI. Vendors must quote the latest top-sensitivity instrument.</b>
3-(iv)-(a)	.....It should be equipped with EPC with a pressure range of 0.1 to 100 psi.	.....It should be equipped with <b>EPC/equivalent</b> controller with a pressure range of 0.1 to 100 psi.
3-(iv)-(c)	Temperature programming of up to 5 ramps or more at up to 200 °C/Min or higher with fully EPC/equivalent	Temperature programming of up to <b>3</b> ramps or more at up to 200 °C/Min or higher with fully EPC/equivalent
3-(v)-a	.....It should be equipped with EPC with a pressure range of 0.1 to 100 psi.	.....It should be equipped with <b>EPC/equivalent</b> controller with a pressure range of 0.1 to 100 psi.
6-v	Sample vials:.....1000 vials to be provided	<b>Deleted</b>
24-(i)-(a)	Suitable High-End factory-fitted Compatible Computer workstation should come along with the System.	Suitable High-End <b>factory-fitted/factory-endorsed</b> Compatible Computer workstation should come along with the System.
25-(a)	Suitable gas cylinders required for operating the equipment including Helium, Argon, Nitrogen of UHP grade - 02 Nos (with requisite certificate) with all accessories such as dual pressure SS regulator, gas purification panel unit /Inline filters such as Oxygen trap,	Suitable gas cylinders required for operating the equipment including <b>Helium, Argon or/and Nitrogen of UHP</b> grade - 02 Nos (with requisite certificate) with all accessories such as dual pressure SS regulator, gas purification panel unit

	Moisture trap, etc. Cylinder cage or Bracket should be supplied and commissioned. The gas lining panel work should be done by the supplier for the connection of the instrument.	/Inline filters such as Oxygen trap, Moisture trap, etc. Cylinder cage or Bracket should be supplied and commissioned. The gas lining panel work should be done by the supplier for the connection of the instrument.
26-(ii)	All the UPS system batteries should be replaced .....	<b>Deleted</b>
27-(ii)	IQ/OQ/PQ to be performed as per OEM protocol, should be done free of cost with necessary traceable standards along with necessary performance kit standard solutions	IQ/OQ to be performed as per OEM protocol, should be done free of cost with necessary traceable standards along with necessary performance kit standard solutions
31	(c) Autosampler vials with caps: 2000 Nos each (Amber & Transparent)	(c) Autosampler vials with caps. Amber-1000 Nos.; Transparent-1000 Nos.
	(g) Syringe 10 µL.....: 10 No each based on type of application.....	(g) Syringe 10 µL: 10 for PTV and 10 for SSL for large volume and splitless injections.
	(i) Helium Trap: 2 Nos., Argon Trap: 2 Nos., Nitrogen Trap: 2 Nos	(i) Helium Trap: 2 Nos., Argon Trap or/and Nitrogen Trap: 2 Nos (both traps to be offered if both gases suggest being used depending on application)
	(n) Capillary column cutter-10 Nos	(n) Capillary column cutter-3 Nos
	(s) QuEChERS kit for pesticides extractions and clean up-1000 Nos.	(s) QuEChERS kit: AOAC QuEChERS salt packets: 500 Nos. CEN QuEChERS salt packets: 500 Nos. C-18 Bulk sorbent end capped -100 g x 3 boxes,
	(t) Branded 20 mL Amber colour headspace vial with PTFE screw caps for stock standard storage-500 Nos	(t) Branded 20 mL Amber colour vial with screw caps for stock standard storage-500 Nos
	(w) Two nos of portable bench top heavy duty vortex mixer.....	(w) <b>One table top Straight Vortex mixer MixMate or equivalent:</b> <b>Sample capacity max. 24 × 1.5 mL, 24 × 2.0 mL, 8 × 5/15 mL, 4 × 25/50 mL</b> <b>Product type Mixer</b> <b>Timer 15 s – 99.3 h, continuous</b> <b>Noise level &lt;50 dB(A)</b> <b>Power supply 110 V, 50 – 60 Hz</b> <b>Max. power consumption 40 W</b> <b>Dimensions (W × D × H) 17.0 × 23.0 × 13.0 cm / 6.7 × 9.1 × 5.1 in</b> <b>Product weight 4.2 kg / 9.2 lb</b> <b>Max. speed 3,000 rpm</b> <b>Mixing frequency 300 – 3,000 rpm</b> <b>Mixing and vortexing radius 1.5 mm</b> <b>Touch vortex frequency 3500 rpm</b> <b>Mixing orbit 3 mm</b>
32.	(i) Repeatability: Should be able to demonstrate RSD<5% for 1 µL injection of 1 ppb standard solution of Organochlorine pesticides without	(i) <b>Repeatability: Should be able to demonstrate RSD&lt;5% for 1 µL injection of 1 ppb matrix matched standard solution (10 injections) of</b>

	<p>internal standard should be provided by supplier along with tender documents in Matrix-Fish, Milk, Honey and water. (Calibration data, Chromatograms, Experimental data, Injection volume, COA of standard/column used to be provided)</p>	<p><b>Lindane without internal standard should be provided by supplier along with tender documents in Matrix-Fish. (Calibration data, Chromatograms, Experimental data, Injection volume, COA of standard/column used to be provided)</b></p> <p><b>(ii) Authenticated application note/paper/data on the same quoted model or a similar model must be submitted along with the bid showing competency in analysis of multiclass pesticides at less than 5 ppb method LOQ level in fish/meat/chicken/egg/milk/honey.</b></p> <p><b>(iii) Vendor to validate one method for multiclass pesticide residue analysis (min 200) in egg with LOQ of less than 5 ppb; post installation. Required consumables to be provided by vendor. This will be considered as performance qualification.</b></p>
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All others remain unchanged.



Asst. Administrative Officer (Purchase)