

**Name of the High end Equipment - GCMSMS
Name of the Supplier - Agilent Technologies India**

GCMSMS 7890B MSMS 7000D OR Agilent GC Model 8890B & MSMS Model 7000D

FINANCIAL BID:		
S.No.	Main Heads/Components	Remarks, if any
1	GC System	
1.1	Column oven	
1.2	Column	
1.3	Inlet	
1.4	Auto Sampler	
1.5	Backflush	
2	MS/MS System	
3	Nitrogen evaporator	
4	System Controller and Operating system Library searching facility with Licensed NIST Library in C/ROM Format Pesticides and endocrine disruptors PCB's, OC's, Fatty Acid, Methyl Esters, and artificial flavors, MRM Database for minimum 800 GC molecules 21 CFR part 11 & food safety compliance	
5	PC with Printer	PC included in S.No.2 B&W Laser Printer Optionally: Colour Laser Duplex Printer
6	Start up Kit Required gas cylinders (3 each with gas regulator and gas purification system including gas tubing and gas manifold)	
7	Sample Preparation kits Kits (1000 nos each) for pesticides in following matrices: Water, High fat containing foods, High water content Foods, highly pigmented foods QuEChERS	
8	Calibration Standards with a minimum expiry period of two years Pesticide Standards with a <u>minimum expiry period of one years</u> to be supplied for 7 years a. Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) b. Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) c. Pyrethroids in hexane/acetonitrile 2x1ml (100 µg/mL) d. Herbicides Glyphosate, Glufosinate 2x1ml (100 µg/mL) e. Must cover the range of pesticides as enclosed in Annexure A	One Restek Kit (32562) of Multi Pesticide Residue 7 Years

9	<p>Accessories and Consumables</p> <ul style="list-style-type: none"> • Sample injector : ☒ For liquid injection (5 no. each) ☒ For HS syringe (5 no. each) ☒ Air tight syringe (for manual injection) (2 no. each) ☒ Manual syringe for liquid injector (2 no. each) • Auto sampler vials: 500 vials with screw cap. ☒ Vials with cap for 1.5 ml capacity (100 No.). ☒ Vials with cap for 10 and 20 ml capacity (each 50 No.). • Column Ferrules- injector end and interface end (20 No. each). • Septa for injector (100 No.). • Appropriate nuts to fit capillary columns to the injector and MS interface (10 each). • Inlet liner for Splitless, Split (with glass/quartz wool at optimum position) and PTV (with glass/quartz wool at optimum position) (10 No. each) • O-ring for injector liner (20 No.) • Split vent trap (2 No.) • EI Filaments (5 No.) • CI Filaments (5 No.) • Column cutter (2 No.) • Gas tube cutter. • Oil mist trap for pump (2 No.). • Tool kit. <p>Optional: Any other accessory as felt required for the proper functioning of the equipment</p>	
10	Power Supply (UPS min. 10 KVA with minimum 60 minutes backup)	
11	<p>Additional items</p> <ul style="list-style-type: none"> • Consumables for seven years operation of the system for main unit are required to be quoted for analysis in multiples of 100 samples. • Operation kit comprising all required items for startup/regular operation of instrument. • Firm should also quote all essential pre-installation requirements and utility requirement for GC-MS/MS. • Operation and maintenance manual for each unit in both hard copy and soft copy. • Service manual with set of required tools for each system/unit. • The system should have Server connectivity and should be capable of 21 CFR Part 11 and food safety compliance. The necessary validations will have to be carried out by the equipment suppliers. • Methods library for all food matrixes, related software's and user manuals to be provided. <p>PLEASE PROVIDE MAINTENANCE CHART FOR ALL OF THE COMPONENTS IN GC-MS/MS SYSTEM.</p>	
12	<p>Operation and maintenance & Training Component (Site comprehensive training for operator at onsite and at Supplier's premises)</p>	<p>One trained person for 7 years</p>
13	IQ/OQ/PQ	
14	Warranty	