CENTRAL MEDICAL SERVICES SOCIETY

(An Autonomous Society Under Ministry of Health & Family Welfare, Govt. of India)
2nd Floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Marg, Teen Murti Marg,
Chankayapuri, New Delhi-110021
Phone: 011-21410905, 21410906
Website: www.cmss.gov.in,

Date :- 12.10.2026

Minutes of Pre-bid Meeting
For
Procurement of major and semi-major equipment For National Tobacco Testing Laboratories (NTTL) through
Tender NO. CMSS/PROC/2026-27/NTTLS/030
Pre-bid Meeting held on 01.09.2026 at 03.00 PM

1. Following officials were present during the Pre-Bid Meeting:

CMSS Official(s)	NTTL Official(s)
i. Mr. Manish Bhaskar, Joint Director (Proc.), CMSS ii. Dr. Anuj Prakash, Joint Director (QA.), CMSS iii. Mr. Saurav Kumar, AGM (Proc.), CMSS iv. Mr. Suryadev Sharma, AGM (QA.), CMSS v. Mr. Parteek Sharma, Manager (Proc.), CMSS	i. Dr. G.P Sharma NTTL, MOHFW ii. Dr. Deepshikha Arora SSO NTTL,MOHFW iii. Dr. Prachi Rathi, Consultant NTTL,MOHFW

2. The following bidder queries were received via email:

S. No.	Name of the Firm(s)
1.	M/S Spincotech Pvt. Ltd
2.	M/S Thermo Fisher Scientific India Pvt. Ltd
3.	M/S Akshaa Biotech
4.	M/S Toshvin Analytical Pvt. Ltd
5.	M/S 7 Steps Consultores Pvt. Ltd.
6.	M/S LCGC CHROM CONSUMABLES LL
7.	M/S PerkinElmer
8.	M/S Anton Paar Pvt Ltd.
9	M/S Inventis Technosys Private

3. Points raised by representative of prospective bidder during pre-bid meeting were discussed. After due consideration of the queries, the remarks are enclosed at Table-A.

CENTRAL MEDICAL SERVICES SOCIETY * Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21 * MoHFW, Govt. of India *

Table-A.

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
Schedule I: High Performance Liquid Chromatography (HPLC) with Photodiode Array (PDA), Fluorescence Detector (FLD) & Refractive Index Detector (RID)			
1	Solvent Delivery System – g) Operating Pressure: minimum 9000 psi or better	Amend to minimum 10000 psi or better	As per Tender Document
2	Column Compartment – Preferably with safety measure: Solvent sensor, temperature fuse, Temperature upper limit, Fluid leak sensor, Fast-cool button	Amend to: With safety measures like fluid leak sensor and fast cool down or equivalent technology	As per Amendment No. 3
3	PDA Detector – Detector should have temperature control flow cell	Amend to: Detector should have temperature control flow cell or any other technology like heat-exchanger technology or equivalent thermal stabilization as per manufacturer	As per Amendment No. 3
4	Solvent Delivery System – i) Proportioning/Composition precision: 0.5% or better	Please remove this point	As per Amendment No. 3
5	Auto Sampler – d) Injection volume range 0.1–100 µL or better and precision ≤ ±0.5	Amend Injection volume range to 0.1–50 µL or better and precision ≤ ±0.5	As per Tender Document
6	Column Compartment – d) Temperature range from 15°C to 80°C	Amend Temperature range to Room temperature −10°C to 100°C	As per Tender Document
7	Fluorescence Detector – c) Wavelength range: Excitation 200 nm to 600 nm or better	Amend Wavelength range: Excitation 200 nm to 900 nm or better	As per Tender Document
8	Fluorescence Detector – d) Emission 265 nm to 600 nm better	Amend Emission 265 nm to 900 nm better	As per Tender Document
9	Columns – Please add more columns along with Guard columns and Holder	Please add Phenyl, NH2, CN Column 4.6, 5µm, 250 along with Guard column and holder for each column	As per Tender Document
10	Lamps for Detectors – Please add D2, Xenon and Tungsten Lamps for PDA, RF, RID Detectors	D2, Xenon and Tungsten Lamps for PDA, RF, RID Detectors to be given as Warranty and CMC does not cover Lamps	As per Tender Document
11	Column Compartment – Preferably with safety measure: Solvent sensor, temperature fuse, Temperature	Amend to: Preferably with safety measures: fluid leak sensor and fast cool down	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra,
Chanakyapuri
New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
	upper limit, Fluid leak sensor, Fast-cool bottom		
12	PDA Detector – PDA detector: Detector should have temperature control flow cell	Amend to: Detector should have temperature-controlled flow cell or heat-exchanger technology / equivalent thermal stabilization	As per Amendment No. 3
13	Pump Pressure – Pressure range minimum 9000 psi or better	Amend to: Pressure range minimum 10000 psi or better	As per Tender Document

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
Schedule II: Gas Chromatograph – Mass Spectrometer / Mass Spectrometer (GC-MS/MS)			
1	Headspace Sampler – c) Transfer line temperature: 350°C or better	Please delete this specification	As per Amendment No. 3
2	Injector – b) PTV / MMI or Equivalent injector – 1 No.	Amend to: PTV injector – 1 No.	As per Amendment No. 3
3	Injector – g) Pressure range 0.1–100 psi or better	Amend to: Pressure range 0.1–150 psi or better	As per Tender Document
4	Injector (2) – a) Inlet 1: PTV / MMI or Equivalent Inlet	Amend to: Inlet 1: PTV Inlet	As per Amendment No. 3
5	FID – c) Data Acquisition rate of 1000 Hz or better	Amend to: 600 Hz	As per Amendment No. 3
6	Mass Spectrometer detector – EI (Electron ionization) and CI (Chemical ionization)	Amend to: EI (Electron ionization) and system should be upgradable with CI (Chemical ionization) in future	As per Amendment No. 3
7	Mass axis stability – < ± 0.10 amu over 24 hours or better	Amend to: < ± 0.10 amu over 48 hours or better	As per Tender Document
8	Sensitivity – b) IDL: 0.5 fg or better with injections of OFN (both quads, unit resolution mode, on 30 m column)	Amend to: IDL 0.3 fg or better with injections of 1 fg OFN	As per Amendment No. 3
9	Computer & Printer – a) Branded Desktop computer, 27-inch monitor or better	Amend to: 24-inch monitor or better	As per Tender Document
10	Spares and Accessories – a) Nitrogen gas generator with in-built compressor	Amend to: Nitrogen/Argon Gas Cylinder with SS regulator as required by system	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
11	a) Metrological traceable mix standards of 203 Pesticides analysis – 1 No.	Amend to: NIST traceable mix standards of 203 Pesticides analysis – 1 No.	As per Amendment No. 3
12	Mass Range 10–2000 m/z	Amend to: Mass range 10–1200 m/z or equivalent	As per Tender Document
13	Instrument Detection Limit (IDL) ≤ 1 fg OFN	Amend to: IDL ≤ 5 fg or equivalent	As per Tender Document
14	Ion Source – EI + CI mandatory	Amend to: EI mandatory; CI optional	As per Amendment No. 3
15	Collision Cell Type – Straight-path collision cell	Amend to: Straight or curved path equivalent	As per Tender Document
16	Vacuum System – Triple turbomolecular pump	Amend to: Dual or triple turbomolecular pump	As per Tender Document
17	Transfer Line Temperature ≥ 350°C	No amendment required	As per Amendment No. 3
18	Quadrupole Resolution – Fixed unit resolution	Amend to: Unit or adjustable 0.7–4 Da	As per Tender Document
19	Autosampler Requirement – ≥100 vials, cooling mandatory	Amend to: Autosampler cooling optional	As per Tender Document
20	GC Ramp Rate ≥ 200°C/min	Amend to: Ramp rate ≥ 150°C/min	As per Tender Document
21	Injectors – Mandatory MMI	Amend to: Injector – PTV and S/SL; MMI should be removed	As per Amendment No. 3
22	Headspace Sampler – 1. Minimum 60 sample vial capacity	Amend to: Minimum 80 sample vial capacity	As per Tender Document
23	Headspace Sampler – 2. Minimum 6 or more vial capacity incubation of 10/20 ml capacity	Amend to: Minimum 12 or more vial capacity incubation	As per Tender Document
24	Headspace Sampler – 4. Incubation oven temperature: 150°C or better	Amend to: Incubation oven temperature 300°C or better	As per Tender Document
25	Headspace Sampler – 5. User should be able to use Liquid Sampler and headspace sampler with any of the 2 inlets without manual intervention directly via SW	To be deleted	As per Tender Document
26	Solid Phase Microextraction (SPME for future applications) – SPME Arrow mode with fiber conditioning module, incubation with agitation oven up to 150°C, 6 positions for 10/20 ml vials	Amend to allow: Solid phase Microextraction with automated tool change OR Automated dynamic headspace with valve & loop technology (as an alternative option, including dynamic Headspace with cooling trap option / HS-Trap / MonoTrap)	As per Tender Document



Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
27	Injector-2 – a) Inlet 1: PTV/MMI or Equivalent Inlet – Temperature programming up to 5 ramps at up to 800°C/min	Amend to: Temperature programming up to 5 ramps at up to 250°C/min or higher	As per Tender Document
28	Injector-2 – c) Temperature programming of up to 3 ramps at up to 800°C/min with fully EPC/equivalent	Amend to: Temperature programming up to 5 ramps at up to 250°C/min or higher with EPC/equivalent	As per Tender Document
29	Injector-2 – d) Split ratio of 12000:1 or more	Amend to: Split ratio of 9999.9:1 or more	As per Tender Document
30	Injector-2 – e) Following injection modes should be available: Hot/cold split-splitless, Pulsed split-splitless, Solvent vent	To be deleted	As per Tender Document
31	Detector Mass Spectrometer Detector – Dual filaments for all ionization sources	Amend to: Dual filaments for EI ionization sources with auto switching	As per Amendment No. 3
32	Software – Latest and licensed original version of NIST and/or Wiley Library for Flavours and fragrance, pesticides, insecticides, mycotoxins, tobacco related compounds etc.	Amend to: NIST/Wiley Library for Flavours and fragrance; separate MRM database for pesticides, insecticides etc.; exclude mycotoxin compounds	As per Amendment No. 3
33	Spares and Accessories – l) Metrological traceable mix standards of 203 Pesticides analysis – 1 No.	Amend to: Metrological traceable or as per ISO 9001:2015 mix standards of 203 Pesticides analysis – 1 No.	As per Amendment No. 3
34	Spares and Accessories – M) Standards for flavours at least 10 Nos. which are being used in tobacco products may be stated	Please specify the compounds	As per Amendment No. 3
35	Headspace Sampler – 3. Transferline temperature: 350°C or better	Please remove this specification	As per Amendment No. 3
36	Injector – g) Pressure range 0.1–100 psi or better	Amend to: 150 psi	As per Tender Document
37	FID – c) Data Acquisition rate of 1000 Hz or better	Amend to: 600 Hz or better	As per Amendment No. 3
38	Mass Spectrometer detector – EI (Electron ionization) and CI (Chemical ionization)	Amend to: Remove CI as mandatory requirement; specification to read "EI (Electron ionization)"	As per Amendment No. 3
39	Mass axis stability – < ± 0.10 amu over 24 hours or better	Amend to: 48 hours to have more stability and ruggedness	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra,
Chanakyapuri
New Delhi - 21
MoHFW Govt of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
40	Sensitivity – b) IDL: 0.5 fg or better with injections of OFN	Amend to: < 0.3 fg	As per Amendment No. 3
41	Computer & Printer – Branded Desktop computer system, 27-inch monitor or better	Amend to: Factory-supplied/OEM-recommended monitor of 24 inches or larger	As per Tender Document
42	Spares and Accessories – Nitrogen gas generator with in-built compressor	Amend to: Suitable collision gas as recommended by the instrument manufacturer, along with required regulator, filters and other accessories	As per Amendment No. 3
43	Headspace Sampler -- 3. Transferline temperature: 400°C or better	Amend to: Transferline temperature/syringe temperature: 150°C or better	As per Amendment No. 3
44	Injector -- a) Pressure range 0.1–150 psi or better	Amend to: Pressure range 0.1–100 psi or better	As per Amendment No. 3
45	Injector -- f) Split ratio 9999.9:1 or better	Amend to: Split ratio 13500:1 or better	As per Tender Document
46	Injector (2) -- a) Inlet 1: PTV/MMI or equivalent inlet; Temperature programming up to 5 ramps or more at up to 800°C/min or higher with EPC, pressure range 0.1 to 150 psi	Amend to: Temperature programming up to 10 ramps or more at up to 900°C/min or higher with EPC, pressure range 0.1 to 100 psi	As per Tender Document
47	Injector (2) -- c) Temperature programming up to 3 ramps or more at up to 400°C or higher with fully EPC/equivalent	Amend to: Temperature programming up to 10 ramps or more at up to 900°C or higher with fully EPC/equivalent	As per Tender Document
48	Injector (2) -- d) Split ratio of 9999:1 or more	Amend to: Split ratio of 13500:1 or more	As per Tender Document
49	Injector (2) -- g) An inlet providing ability of a standard split/splitless inlet equipped with EPC, pressure range 0.1 to 150 psi	Amend to: EPC pressure range 0.1 to 100 psi	As per Amendment No. 3
50	Injector (2) -- Backflush requirement not specified	Add requirement: Backflush must be provided for both inlets	As per Tender Document
51	Column Oven -- f) Cool down time from 400 to 50°C within 4 minutes or better	Amend to: Cool down time from 450°C to 50°C within 2.8 minutes or better	As per Tender Document
52	Mass Spectrometer Detector -- a) Dual filaments for ionization sources	Amend to: Dual filaments for EI ionization source	As per Amendment No. 3
53	Dynamic range -- a) 6 order of dynamic range or better	Amend to: 7 order of dynamic range or better	As per Tender Document
54	Sensitivity -- MRM sensitivity: 1µl injection of OFN (100 fg/µl) should	Amend to: EI MRM sensitivity S:N of 30000:1 or better; IDL: 0.3 fg or	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Chanakyapuri
Kendra,
Chanakyapuri
New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
	produce S:N of 20000:1 or better; IDL: 0.5 fg or better (both quads unit resolution, 30 m column)	better (both quads unit resolution, 30 m column)	
55	Column replacement requirement not specified	Add requirement: Column replacement must be provided without breaking the vacuum	Accepted.
56	Software -- b) Latest and licensed version of NIST and Wiley library for flavours and fragrances, pesticides, insecticides, mycotoxins, tobacco related compounds etc.	Amend to: remove "mycotoxins" from the library list	As per Amendment No. 3
57	Spares and Accessories -- i) Nitrogen gas generator with in-built compressor	Amend to: Nitrogen, Hydrogen and zero air gas generator with in-built compressor (compressor as per applicability)	As per Tender Document
58	Spares and Accessories -- j) Required gas cylinders (2 Nos. for each type of gas) with dual stage steel regulators	Amend to: He, H2, N2, Ar and methane gas cylinders (2 Nos. each) with appropriate purity and dual stage steel regulators	As per Amendment No. 3
59	Spares and Accessories -- l) Metrological traceable mix standards of 203 pesticides analysis – 1 No.	Amend to: A list of all the standards and chemicals must be provided for the right delivery of materials	As per Amendment No. 3
60	Spares and Accessories -- m) Standards for flavours at least 10 Nos. used in tobacco products may be stated	Amend to: A list of all the standards and chemicals must be provided for the right delivery of materials	As per Amendment No. 3

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
Schedule III: Liquid Chromatograph – Mass Spectrometer / Mass Spectrometer (LC-MS/MS)			
1	Solvent Delivery System – a) Binary pump with an operating pressure of minimum 17000 psi or better	Amend to: Quaternary pump with operating pressure of minimum 15000 psi or better	As per Tender Document
2	Solvent Delivery System – f) Delay volume < 200 µl	Amend to: < 700 µl	As per Amendment No. 3
3	Auto Sampler – b) Capacity to hold 90 vials of 1.5 to 2 ml or more	Amend to: Capacity to hold > 200 vials of 1.5 to 2 ml or more	As per Tender Document
4	Auto Sampler – c) Carry over should be ≤ 0.005%	Amend to: ≤ 0.002%	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
5	Mass Analyzer – 5 – 1500 m/z or better	Amend to: 5 – 2000 m/z or better	As per Amendment No. 3
6	Ionization Source – a) Dedicated ionization ESI and APCI sources to be provided as standard, with facility of interchanging easily by the user	Amend to: Dedicated ionization ESI and APCI in single source housing to be provided as standard	As per Tender Document
7	Ionization Source – c) Switching between positive & negative should be < 25 ms or better	Amend to: < 5 ms or better	As per Amendment No. 3
8	Ionization Source – d) The source shall have a flow rate compatibility from 50 µL/min to 2000 µL/min without splitting in both ESI and APCI modes	Amend to: 50 µl/min to 1000 µl/min without splitting	As per Amendment No. 3
9	Ionization Source – e) Desolvation temperature for ESI and APCI sources should be 600°C or better	Amend to: 550°C or better; temperature user selectable throughout the complete range	As per Amendment No. 3
10	Scan rate – 15000 Da/sec or better	Amend to: 20000 Da/sec or better	As per Amendment No. 3
11	Mass Resolution – Better than or equal to 0.7 Da	Amend to: 0.7 Da and additional higher resolution of 0.4 Da	As per Tender Document
12	Collision Cell – Confined collision cell capable of high energy fragmentation, minimum dwell time of 1 millisecond	Amend to: Confined/Curved collision cell with zero cross talk, minimum dwell time of 0.5 millisecond	As per Amendment No. 3
13	MRM acquisition rate – Should be capable of minimum 450 MRM data points/sec	Amend to: Minimum 700 MRM data points/sec	As per Tender Document
14	3) Solvent Delivery System a) Binary Pump with an operating pressure of minimum 17000 PSI	Amend to: Binary Pump with an operating pressure of minimum 15000 PSI	As per Tender Document
15	f) Delay Volume	Kindly remove it	As per Amendment No. 3
16	4) Auto sampler e) Sample Delivery Precision < 0.3% RSD or better	Kindly remove it	As per Tender Document
17	5) Column Compartment c) Temperature Stability +/- 0.5°C	Kindly remove it	As per Tender Document
18	9) Instrument Detection Limit a) Should be < 1.6 femtogram reserpine on column or less	Amend to: < 2.8 femtogram reserpine on column or less	As per Tender Document
19	10) Ionization Source c) Switching between positive and negative mode should be < 25 ms or better	Amend to: < 50 ms or better	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
20	10) Ionization Source e) Desolvation temperature for ESI and APCI should be 600°C or better	Amend to: 650°C or better	As per Amendment No. 3
21	12) Scan Rate a) 15000 Da/Sec or better	Amend to: 20000 Da/Sec or better	As per Amendment No. 3
22	13) Dynamic range a) 6 orders of dynamic range or better	Amend to: 5 orders of dynamic range or better	As per Tender Document
23	15) Mass Accuracy a) 0.1 Da or better	Kindly remove it	As per Amendment No. 3
24	19) Sensitivity a) MRM ESI +Ve 1pg on Column reserpine: chromatographic S/N > 15,00,000:1 or IDL 1.6 fg without smoothing (MRM 609/195, unit resolution)	Amend to: IDL 2.8 fg (MRM transition 609/195 at unit resolution)	As per Amendment No. 3
25	19) Sensitivity b) MRM ESI +Ve 1pg on Column Chloramphenicol: chromatographic S/N > 15,00,000:1 or IDL 1.6 fg without smoothing (MRM 321/152, unit resolution)	Amend to: IDL 2.8 fg (MRM transition 321/152 at unit resolution)	As per Amendment No. 3
26	20) Polarity Switching a) Switch from positive to negative polarity between alternate MRM scan is 25 ms or better	Amend to: 50 ms or better	As per Amendment No. 3
27	Point No.10 c) Switching between positive & negative mode should be ≤ 25 ms or better	Amend to: Switching between ESI & APCI Ionization modes should be ≤ 25 ms or better	As per Amendment No. 3
28	Point No.10 e) Desolvation temperature for ESI and APCI sources should be 600°C or better	Amend to: 800°C or better	As per Amendment No. 3
29	Ionization source a) Dedicated ionization ESI and APCI sources to be provided as standard, with facility of interchanging easily by the user	Amend to: automatic switching between ESI and APCI modes with software-controlled selection without manual removal/replacement/physical reconfiguration of the source/probe	As per Tender Document
30	Point No.12 Scan Rate: 15000 Da/Sec or better	Amend to: ≥15000 Da/Sec or other vendor optimized acquisition performance specs in terms of scan rate representation as demonstrated by manufacturer	As per Amendment No. 3
31	Point No.20 Polarity switching time a) Switch from positive to negative polarity between alternate MRM scan in 25 ms or better	Amend to: 10 ms or better	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
32	Point No.26 Qualification software: Integrated sample/calibrant delivery system and programmable divert valve system	Amend to: Infusion device & programmable divert valve system must be offered for direct sample/calibrant	As per Amendment No. 3
33	Solvent Delivery System – f) Delay Volume: < 200 µL	Please remove this point	As per Amendment No. 3
34	Column Compartment – c) Temperature stability: ±0.5°C	Amend Temperature stability/Accuracy to: ±0.8°C	As per Tender Document
35	PDA Detector – a) A PDA detector having more than 512-element photodiode	Amend to: More than 1024-element photodiode or better	As per Tender Document
36	Mass Analyzer – 5 – 1500 m/z or better	Amend to: 2 – 2000 m/z or better	As per Amendment No. 3
37	Instrument Detection Limit – Should be < 1.6 femtogram reserpine on column or less (Proof of Statement must be provided)	Amend to: ≤ 1 femtogram reserpine on column or less (Proof of Statement must be provided)	As per Tender Document
38	Mass Analyzer – c) Switching between positive & negative mode should be ≤ 25 ms or better	Amend to: ≤ 5 ms or better	As per Amendment No. 3
39	Mass Analyzer – e) Desolvation temperature for ESI and APCI sources should be 600°C or better	Amend to: 500°C or better	As per Amendment No. 3
40	Scan rate – 15000 Da/sec or better	Amend to: 30000 Da/sec or better	As per Amendment No. 3
41	Vacuum System – b) Noise level below 65 db	Please remove this point	As per Amendment No. 3
42	Sensitivity – a)/b) MRM ESI +ve/-ve 1pg on column reserpine/chloramphenicol: S/N greater than 15,00,000:1 or IDL 1.6 fg	Amend to: S/N > 10,00,000:1 and IDL ≤ 1 fg without smoothening (both positive and negative mode, MRM transitions 609-195 and 321-152)	As per Amendment No. 3
43	Polarity Switching Time – Switch from positive to negative polarity between alternate MRM scan in 25 ms or better	Amend to: 5 ms or better	As per Tender Document
44	Modes of operation – i) Information dependent acquisition system or equivalent scan mode of MRM to high sensitivity product ion scan for library confirmation	Amend to remove the word "library" – for confirmation	As per Amendment No. 3
45	n) Software should have the latest library database of around 1000 compounds viz. Mycotoxins, Pesticides, Tobacco, Insecticide etc.	Amend to remove the word "library" – latest database of around 1000 compounds	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
46	a) The Liquid Chromatograph and Mass spectrometer and all Ion Sources must be manufactured, supplied, and installed by a single/same vendor	Amend to: The benchtop Liquid Chromatograph and Mass spectrometer and all Ion Sources must be manufactured, supplied, and installed by a single/same vendor	As per Tender Document
47	Solvent Delivery System – a) Binary pump with an operating pressure of minimum 17000 psi or better	Amend to: Quaternary pump with operating pressure of minimum 15000 psi or better	As per Tender Document
48	f) Delay volume < 200 µl	Amend to: < 700 µl	As per Amendment No. 3
49	Auto Sampler – b) Capacity to hold 90 vials of 1.5 to 2 ml or more	Amend to: Capacity to hold > 200 vials of 1.5 to 2 ml or more	As per Tender Document
50	c) Carryover should be ≤ 0.005%	Amend to: < 0.002%	As per Tender Document
51	Mass Analyzer – 5 – 1500 m/z or better	Amend to: 5 – 2000 m/z or better	As per Amendment No. 3
52	Ionization source – a) Dedicated ionization ESI and APCI sources to be provided as standard, with facility of interchanging easily by the user	Amend to: Dedicated ionization ESI and APCI in single source housing to be provided as standard	As per Tender Document
53	c) Switching between positive & negative mode should be ≤ 25 ms or better	Amend to: < 5 ms or better	As per Tender Document
54	d) The source shall have a flow rate compatibility from 50 µL/min to 2000 µL/min without flow splitting in both ESI and APCI modes	Amend to: 50 µl/min to 1000 µl/min without splitting	As per Amendment No. 3
55	e) Desolvation temperature for ESI and APCI sources should be 600°C or better	Amend to: 550°C or better; temperature user selectable throughout the complete range	As per Amendment No. 3
56	Scan rate – 15000 Da/sec or better	Amend to: 20000 Da/sec or better	As per Amendment No. 3
57	Mass resolution – Better than or equal to 0.7 Da	Amend to: 0.7 Da and additional higher resolution of 0.4 Da	As per Tender Document
58	Polarity Switching Time – Switch from positive to negative polarity between alternate MRM scan in 25 ms or better	Amend to: 5 ms or better	As per Tender Document
59	Collision cell – Confined collision cell capable of high energy fragmentation, minimum dwell time of 1 millisecond	Amend to: Curved collision cell with zero cross talk, minimum dwell time of 0.5 millisecond	As per Amendment No. 3
60	MRM acquisition rate – Should be capable of minimum 450 MRM data points/sec	Amend to: Minimum 700 MRM data points/sec	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
61	9) Instrument Detection Limit -- Should be <1.6 femtogram reserpine on column or less (Proof of Statement must be provided)	Kindly remove this point	As per Tender Document
62	10) Ionization source -- e) Desolvation temperature for ESI and APCI sources should be 600°C or better	Amend to: Desolvation temperature for ESI and APCI sources should be 400°C or better	As per Tender Document
63	28) Accessories -- d) Suitable Computer, printer etc.	Kindly remove Point No. d)	As per Amendment No. 3

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
Schedule IV: Inductively Coupled Plasma Mass Spectrometry (ICP-MS) with Microwave Digestion System			
1	Cell technology – a) ICP-MS shall be capable of three modes of operation using required at least three or more different channels	Amend to: at least two or more different channels	As per Amendment No. 3
2	Guaranteed Performance – b) Sensitivity (MCPS/ppm) Li(6) > 20 or Be(9) > 6	Amend to: Li(6) > 20 or Be(9) > 55	As per Amendment No. 3
3	Y(89)/In(115)/Equivalent > 90	Amend to: > 400	As per Amendment No. 3
4	Tl(205)/Bi(209)/U(238) > 70	Amend to: > 500	As per Amendment No. 3
5	Isotope Ratio Precision (%RSD) 107Ag/109Ag: < 4	Amend to: < 1	As per Amendment No. 3
6	Mass Stability: ≤ 0.5 amu for 6 hrs or more	Amend to: ≤ 0.5 amu for 24 hrs or more	As per Tender Document
7	Abundance sensitivity Cs/U: 10^{-7} or 0.05 ppm in entire mass range	Amend to: 10^{-7} or 0.5 ppm in entire mass range	As per Amendment No. 3
8	d) Shield torch – 3 Nos.	Amend to: Shield torch – 3 Nos. if required	As per Amendment No. 3
9	m) Pump Oil for complete warranty period	Amend to: Pump Oil – minimum 20 L must be quoted or more as per system requirement	As per Tender Document
10	6. Resolution ≤ 1 amu	Amend to: 0.5–1.2 amu adjustable	As per Amendment No. 3
11	10. Interference Removal – Kinetic energy discrimination (KED)	Amend to: Accept iCRC or equivalent	As per Amendment No. 3
12	12. Torch Type – Demountable torch	Amend to: One-piece or demountable equivalent	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
13	13. Spray Chamber – Quartz spray chamber	Amend to: Double-pass Scott or equivalent	As per Amendment No. 3
14	14. Nebulizer Flow – 1 mL/min	Amend to: ≤ 400 µL/min	As per Tender Document
15	16. Cone Cooling – Not specified	Amend to: Water-cooled or equivalent	As per Tender Document
16	18. Detector Dynamic Range ≥ 10^8	No amendment	As per Tender Document
17	19. Autosampler Compatibility – OEM autosampler only	Amend to: OEM or equivalent compatible autosamplers	As per Tender Document
18	22. Plasma Alignment – Manual	Amend to: Automatic	As per Tender Document
19	23. Gas Control – MFC for all gases	Amend to: MFC or equivalent precision control	As per Tender Document
20	24. Interference Removal Gases – He only	Amend to: He and/or H2	As per Tender Document
21	25. Cooling Requirements – Not specified	Amend to: Air or water-cooled equivalent	As per Tender Document
22	Quadrupole System – b) User definable/selectable resolution (≤0.3 to ≤1.0 amu) for the entire mass range	Amend to: entire mass range 2–275 amu	As per Amendment No. 3
23	c) Scan speed: should not be less than 3700 amu/sec or better	Amend to: 5000 amu/sec or better	As per Tender Document
24	Cell technology – b) The cell should be able to perform Mass shift OR on mass of reaction	Amend to: Mass shift AND on mass of reaction	As per Tender Document
25	General Features – A latest model of bench top ICP-MS with scan modes On mass and Mass shift	Amend to: add "Total mass" – On mass, Total mass, Mass shift	As per Amendment No. 3
26	Sample Introduction System – a) Argon Gas Dilution accessory like AMS/UHMI/AGD for dilution up to >100X	Amend to: add "Additional argon dehumidifier to be quoted as standard"	As per Tender Document
27	Sample Introduction System – e) Spray Chamber Controlled temperature range: −5°C to +20°C or better	Amend to: Thermoelectric cooling type: −10°C to 10°C	As per Tender Document
28	Ion Source and Plasma torch – a) Computer controlled RF generator operating between 27 MHz, 600 to 1600 watts	Amend to: operating from 800 to 500 watts	As per Tender Document
29	Ion Source and Plasma torch – c) Vendor should ensure RF Generator/coil lifetime for at least 5 years without fail	Amend to: Vendor should quote min. 2 additional coils apart from standard supplied for the period of 5 years	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
30	Ion Extraction Interface – standard orifice size around 1.0 mm or better	Amend to: standard orifice size as per system design to meet all required applications	As per Amendment No. 3
31	Quadrupole System – a) Quadrupole material: Made of molybdenum or stainless-steel alloy rods	Amend to: Molybdenum-made hyperbolic rod (Main rod), Stainless steel cylindrical rod (Pre-rod)	As per Tender Document
32	Quadrupole System – b) User definable/selectable resolution (≤0.3 to ≤1.0 amu), mass range 2–275 amu or more	Amend to: resolution (≤0.5 to ≤1.0 amu), mass range 5–260 amu; High-resolution mode 0.3 u to 0.6 u	As per Amendment No. 3
33	Quadrupole System – d) Dwell time: minimum 100 mS with zero settling time	Amend to: Minimum dwell time 1 msec	As per Tender Document
34	Quadrupole System – g) Background equivalent concentration should be less than 1 ppb	Amend to: Background (cps) < 1 m/z 4/9/220	As per Tender Document
35	Detector and dynamic range – a) Simultaneous dual-stage discrete dynode electron multiplier, 10 orders of magnitude in analog and pulse mode	Amend to: Dual-mode discrete dynode electron multiplier; Dynamic range 10 order	As per Tender Document
36	Detector and dynamic range – b) Should be able to operate in dual mode simultaneously (Pulse and Analogue)	Amend to: Measurement mode: Pulse mode, Analog mode (simultaneous measurement)	As per Tender Document
37	Detector and dynamic range – c) System should have dynamic range of 10 orders of magnitude	Amend to: Dynamic range: 10 order	As per Tender Document
38	Vacuum system – a) System should consist of two rotary and ceramic-bearing/equivalent turbomolecular pumps	Amend to: One rotary and ceramic-bearing/equivalent turbomolecular pump	As per Amendment No. 3
39	Cell technology – a) Three modes of operation using required at least three or more different channels	Amend to: Modes – collision cell & reaction cell; Gas He, H2/O2 in second channel, NH3 in third channel using separate flow controller	As per Tender Document
40	Cell technology – b) The cell should be able to perform Mass shift reaction with mass cutoff facility	Amend to: Mass shift/Total mass reaction with mass cutoff/total mass facility	As per Tender Document
41	Guaranteed Performance – a) Detection limit: 9Be 1 ppt, 115In 0.5 ppt, 238U/209Bi 0.5 ppt	Amend to: 9Be 0.5 ppt, 115In 0.1 ppt, 209Bi 0.1 ppt	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra,
Chanakyapuri
New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
42	Guaranteed Performance – b) Sensitivity: Li(6)>20/Be(9)>6, Y(89)/In(115)>90, Tl(205)/Bi(209)/U(238)>70; Oxide ratio ≤3%; Isotope Ratio Precision <4	Amend to: Be(9)>14/Li 55; Y(89)/In115 >160; Ti(205)/Bi(209) >120; Oxide ratio ≤2%; Isotope Ratio Precision < 0.1% RSD	As per Amendment No. 3
43	Guaranteed Performance – c) Mass Stability min ≤ 0.5 amu for 6 hrs or more	Amend to: Mass Stability min ≤ 0.03 u / 12 hours min	As per Tender Document
44	Guaranteed Performance – d) Abundance sensitivity Cs/U: 10^{-7} or 0.05 ppm in entire mass range	Amend to: Abundance sensitivity (at 133 Cs) Low mass side ≤ 5×10^{-7}, High mass side ≤ 1×10^{-7}	As per Amendment No. 3
45	Software – g) Software must offer free lifetime upgrades along with 3 offline license & 21 CFR Part 11 compliance	Amend to: 1 offline license & 21 CFR Part 11 compliance	As per Tender Document
46	Autosampler – a) more than 180 vial position capacity, movable in three directions X, Y and Z	Amend to: More than 60 vial position capacity, movable in three directions X, Y and Z or X/Y	As per Amendment No. 3
47	Microwave digester – b) Volume of reaction vessel: 50 ml or more with minimum filling volume of 3 ml or lesser	Amend to: 100 ml or more with minimum filling volume of 3 ml or lesser	As per Tender Document
48	Microwave digester – e) Vessel Operation pressure: 20 bar or more	Amend to: 35 bar or more	As per Tender Document
49	Vacuum System – 7c) The roughing pump must utilize ultra-long life fluid which should last at least one year	Amend to: A minimum total quantity of 20 litres of compatible pump oil/fluid shall be quoted and supplied along with the equipment	As per Tender Document
50	Cell technology – 9a) ICP-MS shall be capable of three modes of operation using required at least three or more different channels	Amend to: at least two or more different channels	As per Tender Document
51	Guaranteed Performance – b) Sensitivity (In MCPS/ppm of element) — typical values	Amend to: Guaranteed/factory Sensitivity (typical values will not be accepted)	As per Tender Document
52	Li(6) > 20 or Be(9) > 6	Amend to: Li(6)/Be(9) > 55	As per Tender Document
53	Y(89)/In(115)/Equivalent > 90	Amend to: > 400	As per Tender Document
54	Tl(205)/Bi(209)/U(238) > 70	Amend to: > 500	As per Tender Document
55	Isotope Ratio Precision (%RSD) 107Ag/109Ag: < 4	Amend to: < 1	As per Tender Document
56	Mass Stability min: ≤ 0.5 amu for 6 hrs or more	Amend to: ≤ 0.5 amu for 24 hrs or more	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
57	Abundance sensitivity Cs/U: 10^{-7} or 0.05 ppm in entire mass range	Amend to: 10^{-7} or 0.5 ppm in entire mass range	As per Tender Document
58	13. Consumables – d) Shield torch – 3 Nos.	Amend to: 3 Nos. if applicable	As per Amendment No. 3
59	m) Pump Oil	Amend to: Pump Oil – minimum 20 L in total must be quoted	As per Tender Document

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
Schedule V: Spectrofluorometer			
1	d) Signal-to-Noise level: ≥ 8000:1 RMS or better	No changes required	As per Tender Document
2	Lamp Source: 150W Xenon Lamp	Amend to: Pulse Xenon Lamp	As per Amendment No. 3
3	Signal-to-noise level: 8000:1 RMS	Amend to: 750:1 or better	As per Tender Document
4	Wavelength Scan Speed 4500 nm/min	Amend to: 24000 nm/min	As per Amendment No. 3
5	Signal-to-Noise level: 8000:1 RMS or better	Amend to: 1000:1 RMS	As per Tender Document
6	Reference detector: Standard photo diode/PMT	Amend to: PMT or better	As per Amendment No. 3
7	Standard Sample holder: Thermostated holder with temperature control for 10 mm quartz cuvette	To be deleted	As per Tender Document
8	Lamp Source: 150W Xenon lamp	Amend to: 150W Xenon lamp or Higher intensity Xenon Flash Lamp	As per Amendment No. 3
9	Spectral Bandpass: variable spectral band pass from 1 nm to 20 nm or more, adjustable with computer	Amend to: variable spectral band pass from 1.5 nm to 20 nm or more, adjustable with computer	As per Tender Document
10	Signal-to-Noise Level: ≥8000:1 RMS or better	Amend to: 10000:1 RMS or 4000:1 @ 350 nm excitation, excitation and emission slits 10 nm, 1 s Signal Averaging time	As per Tender Document
11	Resolution: 1 nm or better	Amend to: 1.5 nm or better resolution	As per Tender Document
12	Standard Sample Holder: Thermostated holder with temperature control for 10 mm quartz cuvettes	Amend to: Thermostated holder with temperature control (0-100°C) for 10 mm quartz cuvettes; add requirement that all calibration	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
		standards be supplied by vendor with IQOQ documents; preferable compatibility with 21 CFR Part 11/GLP software	
13	Page No. 89 -- Signal-to-Noise Level: >8000:1 RMS or better	Amend to: >4000:1 RMS or better	As per Tender Document

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
Schedule VI: Fourier Transform Infrared Spectroscopy (FTIR) with ATR Arrangement			
1	Signal to noise ratio: 30000:1 (or better)	Amend to: 35000:1 (or better)	As per Amendment No. 3
2	5. Beam Splitter – KBr only	Amend to: KBr or equivalent (Ge/KBr, Quartz, Si/CaF2, Mylar)	As per Amendment No. 3
3	6. Interferometer Type – Michelson, open	Amend to: Sealed or open type	As per Amendment No. 3
4	7. Laser – He-Ne laser	Amend to: He-Ne or diode laser equivalent	As per Tender Document
5	8. Sample Compartment Size – Standard 200 mm	Amend to: Standard or extended (up to 260×185 mm)	As per Tender Document
6	10. Validation – External polystyrene film	Amend to: Internal or external polystyrene standard	As per Amendment No. 3
7	14. Library Search – Basic library	Amend to: OEM or equivalent library search system	As per Tender Document
8	15. Detector Window – KBr only	Amend to: KBr or equivalent (KRS-5, PE)	As per Amendment No. 3
9	16. Light Source – Ceramic only	Amend to: Ceramic or halogen equivalent	As per Tender Document
10	18. Microscope Compatibility – Mandatory built-in microscope	Amend to: Built-in or external compatible IR microscope	As per Tender Document
11	Wavelength Accuracy: 0.05 cm^{-1} or better	Amend to: 0.1 cm^{-1} or better (at both places)	As per Tender Document
12	Signal to Noise Ratio: 30000:1 or better	Amend to: 50000:1 or better	As per Amendment No. 3
13	Spectral resolution: ±0.5 cm^{-1} or better for full range	Amend to: ±0.9 cm^{-1}	As per Tender Document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
14	Wavelength precision: 0.01 cm^{-1} or better	Amend to: Wavelength precision/repeatability (accommodate both terms)	As per Amendment No. 3
15	Wavelength accuracy: 0.05 cm^{-1} or better	Amend to: 0.1 cm^{-1} or better	As per Tender Document
16	Detectors: DTGS/DLATGS/TEMCT/LiTaO3 Detector or better detectors	Amend to: DTGS/DLATGS or better detector	As per Tender Document
17	Optical range of source: at least 350–7800 cm^{-1} or wider with KBr or moisture resistant ZnSe beam splitter, wave number accuracy ±0.05 cm^{-1}, min scan speed 16 scan/min	Amend wave number accuracy to: ±0.1 cm^{-1} or better	As per Tender Document
18	Spectral resolution: ±0.5 cm^{-1} or better for a full range of IR-spectra	Amend to: ±0.9 cm^{-1} or better for a full range of IR-spectra	As per Tender Document
19	IR spectral Library of 20000 or more spectra with required software for multi-component search facility	Amend to: IR spectral Library of 10000 or more spectra	As per Tender Document
20	The FT-IR system should have vibration isolated base plate to ensure automatic compensation and alignment for water vapour (moisture) and CO_2	Amend to: ...to ensure automatic compensation or software-based correction and alignment for water vapour (moisture) and CO_2	As per Amendment No. 3
21	Optics: Spectral Resolution: ±0.5 cm^{-1} or better for full range	Amend to: ±2 cm^{-1} or better for full range	As per Tender Document
22	The instrument should be capable of use for quantitative and qualitative analysis over a range of 350–7800 nm or wider	Amend to: 350–7000 nm with KBr optics and suitable range as per ZnSe optics	As per Tender Document
23	The equipment should cover the range of at least 350-8000 cm^{-1} or wider with KBr or moisture resistant ZnSe beam splitter, wave number accuracy of ±0.5 cm^{-1} or better, minimum scan speed 16 scan/min or better	Amend to: range 350-7000 cm^{-1} or wider with KBr or moisture resistant ZnSe with suitable range, wave number accuracy of ±0.05 cm^{-1} or better, minimum scan speed 16 scan/min or system can cover 16-32 scan for method during method development	As per Tender Document
24	Spectral resolution: ±0.5 cm^{-1} or better for a full range of IR-spectra	Amend to: ±4 cm^{-1} or better for a full range of IR-spectra	As per Tender Document
25	Software & PC System: Windows 10 OS; 21 CFR Software & IQOQ to be included	Amend to: Windows 11 compatible software & Windows 11 OS with latest updates	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
Commercial Amendment Requests :-			
1	3.4 (Page 8) Eligibility of Distributors/Agents/Resellers – Unless otherwise stipulated in Bid Data Sheet, only manufacturers of quoted items are authorized to participate; Distributors/Agents/Resellers are not eligible to bid	Distributors/Agents/Resellers are also eligible to bid as mentioned in Bid Data Sheet — please clarify	As per tender document
2	4. (Page 8) Relaxation in Prior Turnover and Experience for MSE enterprises shall be as indicated in Qualification Criteria/Section IV	Please clarify whether it is applicable for reseller/distributors also	As per tender document
3	b) (Page 24) Valid ISO 13485, issued by accredited certifying agency	Please delete this clause since manufacturer does not have ISO 13485	As per Amendment No. 3
4	Bidder may submit Non-Conviction declaration as per Format 4.3	Our OEM will not issue this declaration and hence should be deleted; OEM's Indian Office may provide it; there is no Form-8 in tender	As per Amendment No. 3
5	B) (Page 28) For Authorized Importers – All the documents of Manufacturers are to be given as per Section IV Qualification Criteria	Please delete this clause	As per tender document
6	a) Page 28 CDSCO Import license for the quoted item valid on the date of tender opening	Amend to: IEC certificate valid on the date of tender opening	As per Amendment No. 3
7	b) Page 28 Manufacturer Authorization form as per Format 4 (signed by both Manufacturer and Bidder)	Amend to: Manufacturer Authorization form OEM mentioning Tender No. should be attached	As per tender document
8	(Page 52) OEMs shall submit bid either directly or through authorized importer; bids by OEM and authorized importer(s) treated as multiple bids and rejected	Please clarify "authorized importer" and amend to "authorized distributor/reseller"	As per tender document
9	B) (Page 55) For Authorized Importers – All documents of Manufacturers as per Section IV Qualification Criteria	Please delete this clause	As per tender document
10	a) Page 55 Import license for the quoted item valid on the date of tender opening	Amend to: IEC certificate valid on the date of tender opening	As per Amendment No. 3
11	b) Page 55 Manufacturer Authorization form as per Format 4	Amend to: Manufacturer Authorization form as per standard format of OEM, mentioning Tender No.	As per tender document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
12	d) Page 55 Performance Statement supported by signature of Practicing Chartered Accountant (Form 4.1)	Amend to: Performance Statement by Bidder/OEM/Authorized Distributor; please delete the CA certification requirement	As per tender document
13	g) Page 55 Details of Service centers in various states	Amend to: Details of Service centers of Bidder/OEM in various states	As per Amendment No. 3
14	c) (Page 57) Declaration (Form-4.3) confirming firm not convicted/blacklisted under Drugs and Cosmetics Act	Declaration by Bidder should be accepted and not by OEM if Bidder is importer	As per Amendment No. 3
15	e) (Page 57) At least 1 unit of each Equipment must be in successful operation in India for ≥1 year with satisfactory performance certificate from user	Request to accept performance or installation certificate or user details for verification of performance	As per tender document
16	g) (Page 57) Manufacturer must have annual production capacity ≥1.5× quoted quantity with capacity certificate from regulatory authority/CA in India	Please delete this clause	As per Amendment No. 3
17	(Page 58) Annual turnover statement for last 3 years in format Section IX Form 4.2, certified by CA/Indian Embassy in Manufacturing Country with UDIN	Amend to: Annual turnover statement for last three financial years should be furnished (without prescribed format/certification)	As per Amendment No. 3
18	(Page 58) NOTE: For Foreign manufacturer, all documents to be verified by Chartered Accountant/Indian Embassy in Manufacturing Country	Please delete this clause	As per Amendment No. 3
19	(Page 58) In case bidder is authorized importer – bidder shall have executed at least one contract of the quoted item in last 3 years anywhere in India	Amend to: Bidder/OEM/distributor other than Bidder should have executed at least one contract of the quoted or similar item in last 3 years anywhere in India	As per tender document
20	Qualification Criteria Compliance – ISO 13485 certificate (Page 206)	Please delete	As per Amendment No. 3
21	Page 59 Bidder must submit OEM authorization as given in Format 4 of the bid document	Amend to: Manufacturer Authorization form OEM mentioning Tender No. should be attached	As per tender document
22	Page 59, Cl. 3 Bidder should have service centers in all locations where equipment is installed/consigned	Amend to: Bidder/OEM should have service centers in all such locations	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
23	CPP Portal – Only one EMD of Rs. 2145000.00 shown for GCMSMS in Portal; EMD also asked in physical form	Please clarify how EMD of individual items is to be submitted in Portal	As per tender document
24	CPP Portal – Financial bid format submitted by CMSS in PDF is dummy and Excel sheet format is dummy; no provision to upload PDF on Portal	Bidder requested to submit financial bid in PDF only; please provide upload provision for PDF on the Portal	As per tender document
25	Eligibility Criteria (ITB 3.4, Page 7–8 & BDS Page 51) – Only manufacturers are eligible; bids by OEM and authorized importer treated as multiple bids	"Authorized Distributors/Authorized Importers with valid Manufacturer Authorization and CDSCO Import License shall be eligible to participate. Only one bid per OEM (either OEM or one authorized distributor) shall be accepted."	As per tender document
26	Qualification Criteria (Form 4, Page 26–27 & Section IV Page 56–58) – OEM turnover, OEM audited balance sheets, OEM production capacity, OEM supply history required	"Authorized Importers may submit their own turnover documents, audited balance sheets, supply history, and installation certificates of similar instruments. OEM production capacity and OEM turnover shall not be mandatory for authorized importers."	As per Amendment No. 3
27	Supply & Installation Requirements (Page 56, Cl. 1(d), 1(e)) – OEM must have supplied 40% of quoted quantity; OEM installation of similar equipment required	"Supply history and installation certificates of the authorized importer shall be accepted."	As per tender document
28	OEM Production Capacity (Page 57, Cl. 1(g)) – OEM production capacity must be 1.5× quoted quantity	"This clause shall not apply to authorized importers supplying imported instruments."	As per Amendment No. 3
29	Turnover Requirement (Page 57–58, Cl. 1(h)) – OEM turnover requirement (₹4–10 Cr depending on instrument)	"Authorized Importers shall have minimum turnover equal to 25–30% of OEM turnover requirement."	As per tender document
30	Warranty & CMC (Page 114) – Warranty obligations placed solely on OEM	"Authorized Importer shall provide warranty and CMC on behalf of OEM with valid authorization."	As per tender document
31	Inspection & Dispatch Documents (Page 118–119) – Inspection report must include OEM manufacturing site details	"Inspection report may include distributor/importer details for imported instruments."	As per tender document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
32	Technical Compliance (Page 60–90) – OEM must provide compliance documents	"OEM compliance documents submitted through authorized importer shall be accepted."	As per tender document
33	Payment Terms – current structure does not adequately support multi-location deliveries, staggered supply, inspection-based dispatch	Requested payment milestones: 70% after supply, delivery & inspection at each site; 20% after installation, commissioning & training; 10% after final acceptance & warranty registration; CMC – half-yearly payment after service report submission	As per tender document
34	Consortium participation	Request to allow consortium to participate in this bid	As per tender document
35	Page 8, Point 3.4 – Eligibility of Distributors/Agents/Resellers	Eligibility of distributors/Agents/Resellers should be allowed	As per tender document
36	Page 27, 28 & 55 (A) For Indian or Overseas OEM: a) Manufacturing License issued by CDSCO/Licensing Authority; b) Valid ISO 13485	CDSCO and ISO 13485 to be removed as these instruments (LCMSMS, ICPMS, FTIR, Fluorescence) are general purpose research instruments and do not fall under CDSCO/ISO 13485	As per Amendment No. 3
37	Page 55 (A) Manufacturing License issued by country Licensing Authority; B) For Authorized Importers – Import license for the quoted item	Incorporate IEC (Import Export License)/Manufacturing License/Import License as these are general purpose research instruments and don't require specific manufacturing license	As per Amendment No. 3
38	Page 57 Section IV Qualification Criteria – OEMs must have Manufacturing License from Country's Regulatory Authority; site compliant with ISO	Requested to remove this point	As per Amendment No. 3
39	Page 59 NOTE: For Foreign manufacturer, all documents to be verified by Indian Embassy/CA in Manufacturing Country	Please remove this point	As per Amendment No. 3
40	Page 60 Delivery Terms: 90 days from LOA for delivery and installation (DDP basis)	Amend to: 180 days from LOA for delivery and installation	As per tender document
41	Page 116, Cl.1 – Products must be quality checked for compliance by SGS/Lloyds/Veritas/UL/TUV or other designated inspection agency; expenses borne by supplier	Please remove this point; better to ask that complete inspection be done at the installation site	As per tender document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra,
Chanakyapuri
New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
42	Page 150 GCC 6.7.5 – CAMC rates for another 5 years to be considered for finalizing L1 bidder	Amend to: CAMC/AMC rates should be quoted, but should NOT be considered for finalizing the L1 bidder	As per tender document
43	Page 244 – Price of Consumable and spare parts (Part-2 & Part-3) fixed for 8 years from date of LTA	Requested to remove this point	As per tender document
44	Eligibility of Distributors/Agents/Resellers – Unless otherwise stipulated, only manufacturers are authorized to participate	Please confirm that Distributors/Agents/Resellers are eligible to bid	As per tender document
45	B) For Authorized Importers – CDSCO Import license for the quoted item valid on the date of tender opening	Please remove this point	As per Amendment No. 3
46	(A) For Indian or Overseas OEM – Manufacturing License issued by CDSCO/Licensing Authority of the Foreign Country of origin	Please remove this point (CDSCO Import license requirement)	As per Amendment No. 3
47	Qualification Criteria Compliance – 8(b) Manufacturing License Details	Please remove this point	As per Amendment No. 3
48	3.4 (Page 8) Eligibility of Distributors/Agents/Resellers – only manufacturers authorized	Distributors/Agents/Resellers are also eligible to bid as mentioned in Bid Data Sheet; please clarify	As per tender document
49	4. (Page 8) Relaxation in Prior Turnover and Experience for MSE enterprises	Please clarify whether it is applicable for distributors also	As per tender document
50	b) (Page 24) Valid ISO 13485, issued by accredited certifying agency	Please delete this clause since manufacturer does not have ISO 13485	As per Amendment No. 3
51	c) (Page 27) Non-Conviction declaration as per Form-4.3	Our OEM may not issue this declaration and hence should be deleted; there is no Form-8 in tender	As per Amendment No. 3
52	B) (Page 28) For Authorized Importers – CDSCO Import license for the quoted item valid on the date of tender opening	We have valid Import License but it is not issued by CDSCO	As per Amendment No. 3
53	(Page 52) OEMs shall submit bid either directly or through authorized importer; bids treated as multiple bids and rejected	Please clarify "authorized importer"	As per tender document
54	ITB 9.2.1.3 (Page 55)	Please clarify whether all documents mentioned in this clause of BDS are to be submitted by Overseas OEM as well as by Authorized Importer	As per tender document

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
55	(Page 57) Declaration (Form-4.3) confirming firm not convicted/blacklisted under Drugs and Cosmetics Act	Declaration by Bidder should be accepted and not by OEM if Bidder is importer	As per Amendment No. 3
56	e) (Page 57) At least 1 unit of each Equipment must be in successful operation in India for ≥1 year with satisfactory performance certificate	We request to accept performance or installation certificate	As per tender document
57	g) (Page 57) Manufacturer must have annual production capacity ≥1.5× quoted quantity with capacity certificate	It will not be possible for OEM to provide Annual capacity certificate issued by regulatory authority/CA in India	As per Amendment No. 3
58	(Page 58) Annual turnover statement for last 3 years in format Section IX Form 4.2, certified by CA/Indian Embassy	Annual turnover statement can't be provided in the format given in Section IX Form 4.2	As per Amendment No. 3
59	(Page 58) NOTE: For Foreign manufacturer, all documents to be verified by CA/Indian Embassy in Manufacturing Country	It will not be possible to get all documents verified by CA/Indian Embassy in Manufacturing Country	As per Amendment No. 3
60	(Page 58) In case bidder is authorized importer – bidder shall have executed at least one contract of the quoted item in last 3 years anywhere in India	Bidder should have executed at least one contract of the quoted or similar item in last 3 years anywhere in India	As per tender document
61	Qualification Criteria Compliance – ISO 13485 certificate (Page 206)	Please delete	As per Amendment No. 3
62	3.4 -- Eligibility of Distributors/Agents/Resellers -- Unless otherwise stipulated in Bid Data Sheet, only manufacturers of the quoted items are authorized to participate in this bid; Distributors/Agents/Resellers are not eligible to bid	Allow participation by Distributors/Agents/Resellers in view of the GFR 2017 Procurement policy and its amendments from time to time; OR amend as "manufacturer participates directly in the tender and billing/supply may be done through Distributors/Agents/Resellers if required"	As per tender document
63	6.1.6 Currencies of Bid and Payment -- Currency of bid and payment shall be quoted entirely in Indian Rupees; all payments shall be made in Indian Rupees only	Kindly clarify why only Indian Rupees currency is asked in a Global Tender; why not other currencies	Refer Bid Data Sheet ITB 6.1.6
64	Point No. 9.2.1 Sub Clause 3 (Sub Point B) a) CDSCO Import licence for the quoted item valid on the date of tender opening	Remove the CDSCO Import licence requirement for authorized importer; importer will provide only the licence of the foreign country	As per Amendment No. 3

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Bidder's Representation / Amendment Requested	Final Remarks
65	Point No. 9.2.1 Sub Clause 3 (Sub Point B) b) Manufacturer Authorization form as per Format 4 (should be signed by both Manufacturer and Bidder) should be given	Kindly clarify the contradiction between 3.4 (only manufacturer can participate) and Point No. 9.2.1 Sub Clause 3 (Sub Point B) b) (asks for authorisation as per Format 4)	As per tender document
66	Qualification Criteria a) Bidder should have executed at least one contract in the last three years from the date of tender opening of the quoted item anywhere in India	Remove this criterion for authorized importer	As per tender document
67	Page No. 27, Clause No. 9.2.1, Sub-Clause No. 2(c) -- Form 1.3: Local content Declaration from Statutory Auditors for purchases above Rs. 10 Crore	Remove this clause on Local content, as the tender is of a Global Tender nature and open for all companies globally	As per tender document
68	Clause No. 9.2.1, Sub-Clause 3(A) b. Valid ISO 13485, issued by accredited certifying agency as detailed in "Section IV-Qualification Criteria"	Remove this ISO 13485 requirement	As per Amendment No. 3
69	Section IV, Page No. 59, Clause No. 3 -- Bidder should have service centers in all the locations where the proposed Equipment's/machines are Installed/consigned; list of service center with technical staff should be submitted along with the technical bid	Amend to: Bidder/OEM should have service centers in all the locations/Major metro cities where the proposed Equipment's/machines are Installed/consigned; list of service center with technical staff should be submitted along with the technical bid	As per Amendment No. 3

12/10/26

Joint Director (Procurement)

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

CENTRAL MEDICAL SERVICES SOCIETY

(An Autonomous Society Under Ministry of Health & Family Welfare, Govt. of India)
2nd Floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Marg, Teen Murti Marg,
Chankayapuri, New Delhi-110021
Phone: 011-21410905, 21410906
Website: www.cmss.gov.in,

Amendment No. 3

Date: 12/10/2026

Tender No.: CMSS/PROC/2026-27/NTTL/030 Dated. 24.08.2026

Tender Title: Procurement Of Major Equipment's And Semi Major Equipment's For National Tobacco Testing Laboratories (NTTL)

A. Following are the amendments made in the subject tender document: -

Sl. No.	Tender Clause / Specification	To be Read or amended as
Schedule I: High Performance Liquid Chromatography (HPLC) with Photodiode Array (PDA), Fluorescence Detector (FLD) & Refractive Index Detector (RID)		
1.	Column Compartment – Preferably with safety measure: Solvent sensor, temperature fuse, Temperature upper limit, Fluid leak sensor, Fast-cool button	Column Compartment – Preferably with safety measure: Solvent sensor, temperature fuse, Temperature upper limit, Fluid leak sensor, Fast-cool button or equivalent technology
2.	PDA Detector – Detector should have temperature control flow cell	PDA Detector – Detector should have temperature control flow cell or any other technology like heat-exchanger technology or equivalent thermal stabilization as per manufacturer
3.	Solvent Delivery System – i) Proportioning/Composition precision: 0.5% or better	Deleted

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
Schedule II: Gas Chromatograph – Mass Spectrometer / Mass Spectrometer (GC-MS/MS)		
4.	Headspace Sampler – c) Transfer line temperature: 350°C or better	Deleted
5.	Injector – b) PTV / MMI or Equivalent injector – 1 No.	Injector – b) PTV or Equivalent injector – 1 No.
6.	Injector (2) – a) Inlet 1: PTV / MMI or Equivalent Inlet	Injector (2) – a) Inlet 1: PTV or Equivalent Inlet
7.	FID – c) Data Acquisition rate of 1000 Hz or better	FID – c) Data Acquisition rate of 500 Hz or better

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
8.	Mass Spectrometer detector – EI (Electron ionization) and CI (Chemical ionization)	Mass Spectrometer detector – EI (Electron ionization) and CI (Chemical ionization): Optional
9.	Sensitivity – b) IDL: 0.5 fg or better with injections of OFN (both quads, unit resolution mode, on 30 m column)	Sensitivity – b) IDL: ≤ 0.3 fg or better with injections of OFN (both quads, unit resolution mode, on 30 m column)
10.	Spares and Accessories – a) Nitrogen gas generator with in-built compressor	Spares and Accessories – a) The specification will amended for cylinders required for installation (N2, He, Ar, H2, zero Air)
11.	a) Metrological traceable mix standards of 203 Pesticides analysis – 1 No.	a) NIST traceable mix standards of 203 Pesticides analysis – 1 No. List attached at Annexure -1
12.	Transfer Line Temperature ≥ 350°C	Deleted
13.	Injectors – Mandatory MMI	MMI deleted.
14.	Detector Mass Spectrometer Detector – Dual filaments for all ionization sources	Detector Mass Spectrometer Detector – Dual filaments for all EI ionization sources or equivalent filament arrangement
15.	Software – Latest and licensed original version of NIST and/or Wiley Library for Flavours and fragrance, pesticides, insecticides, mycotoxins, tobacco related compounds etc.	Software – Latest and licensed original version of NIST and/or Wiley Library for Flavours and fragrance, pesticides, insecticides, tobacco related compounds etc.
16.	Spares and Accessories – M) Standards for flavours at least 10 Nos. which are being used in tobacco products may be stated	The prepared list of 10 flavours is attached. List attached at Annexure -II
17.	Injector -- a) Pressure range 0.1–150 psi or better	Pressure range 0.1–100psi or better
18.	Injector (2) -- g) An inlet providing ability of a standard split/splitless inlet equipped with EPC, pressure range 0.1 to 150 psi	An inlet providing ability of a standard split/splitless inlet equipped with EPC, pressure range 0.1 to 100 psi
19.	Spares and Accessories -- j) Required gas cylinders (2 Nos. for each type of gas) with dual stage steel regulators	Spares and Accessories -- j) Required He, H2, N2, Ar and gas cylinders (2 Nos. each) with appropriate purity and dual stage steel regulators gas cylinders

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
Schedule III: Liquid Chromatograph – Mass Spectrometer / Mass Spectrometer (LC-MS/MS)		
1.	Solvent Delivery System – f) Delay volume < 200 µl	Deleted
2.	Mass Analyzer – 5 – 1500 m/z or better	Mass Analyzer – Amended to 5 – 2000 m/z or better

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
3.	Ionization Source – c) Switching between positive & negative should be < 25 ms or better	Ionization Source – c) Switching between positive & negative should be <10 ms or better
4.	Ionization Source – d) The source shall have a flow rate compatibility from 50 µL/min to 2000 µL/min without splitting in both ESI and APCI modes	Ionization Source – d) The source shall have a flow rate compatibility from 50 µL/min to **1000** µL/min without splitting in both ESI and APCI modes
5.	Ionization Source – e) Desolvation temperature for ESI and APCI sources should be 600°C or better	Ionization Source – e) Desolvation temperature for ESI and APCI sources should be 550°C or higher
6.	Scan rate – 15000 Da/sec or better	Scan rate – 20000 Da/sec or higher scan rate
7.	Collision Cell – Confined collision cell capable of high energy fragmentation, minimum dwell time of 1 millisecond	Collision Cell collision cell capable of high energy fragmentation, minimum dwell time of 1 millisecond
8.	MRM acquisition rate – Should be capable of minimum 450 MRM data points/sec	MRM acquisition rate – Should be capable of minimum 550 MRM data points/sec or higher
9.	f) Delay Volume	Deleted.
10.	15) Mass Accuracy a) 0.1 Da or better	15) Mass Accuracy a) 0.1 Da or better for 5 – 1000 m/z
11.	19) Sensitivity a) MRM ESI +Ve 1pg on Column reserpine: chromatographic S/N > 15,00,000:1 or IDL 1.6 fg without smoothing (MRM 609/195, unit resolution)	19) Sensitivity a) MRM ESI +Ve 1pg on Column reserpine: chromatographic S/N > 15,00,000:1 and IDL 1.6 fg without smoothing (MRM 609/195, unit resolution)
12.	19) Sensitivity b) MRM ESI +Ve 1pg on Column Chloramphenicol: chromatographic S/N > 15,00,000:1 or IDL 1.6 fg without smoothing (MRM 321/152, unit resolution)	19) Sensitivity b) MRM ESI +Ve 1pg on Chromatographic S/N > 15,00,000:1 and IDL 1.6 fg without smoothing (MRM 321/152, unit resolution)
13.	20) Polarity Switching a) Switch from positive to negative polarity between alternate MRM scan is 25 ms or better	20) Polarity Switching a) Switch from positive to negative polarity between alternate MRM scan is 10 ms or better
14.	Point No.26 Qualification software: Integrated sample/calibrant delivery system and programmable divert valve system	Point No.26 Qualification software: Integrated sample/calibrant delivery system and programmable divert valve system or equivalent
15.	Vacuum System – b) Noise level below 65 db	Deleted
16.	Modes of operation – i) Information dependent acquisition system or equivalent scan mode of MRM to high sensitivity product ion scan for library confirmation	Modes of operation – i) Information dependent acquisition system or equivalent scan mode of MRM to high sensitivity product ion scan for confirmation
17.	n) Software should have the latest library database of around 1000 compounds viz. Mycotoxins, Pesticides, Tobacco, Insecticide etc.	n) Software should have the latest database of around 1000 compounds viz. Mycotoxins, Pesticides, Tobacco, Insecticide etc.

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
18.	f) Delay volume < 200 µl	Deleted
19.	Mass Analyzer – 5 – 1500 m/z or better	Amended: 5 - 2000 m/z
20.	28) Accessories -- d) Suitable Computer, printer etc.	Deleted

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
	Schedule IV: Inductively Coupled Plasma Mass Spectrometry (ICP-MS) with Microwave Digestion System	
1.	Cell technology – a) ICP-MS shall be capable of three modes of operation using required at least three or more different channels	Cell technology – a) ICP-MS shall be capable of three modes of operation using required at least : two or more different channels
2.	Guaranteed Performance – b) Sensitivity (MCPS/ppm) Li(6) > 20 or Be(9) > 6	Guaranteed Performance – b) Sensitivity (MCPS/ppm) Li(6) > 50 or Be(9) > **10**
3.	Y(89)/In(115)/Equivalent > 90	Y(89)/In(115)/Equivalent > **200**
4.	Tl(205)/Bi(209)/U(238) > 70	Tl(205)/Bi(209)/U(238) > **150**
5.	Isotope Ratio Precision (%RSD) 107Ag/109Ag: < 4	Isotope Ratio Precision(<1%RSD) 107Ag/109Ag: < 4
6.	Abundance sensitivity Cs/U: 10^{-7} or 0.05 ppm in entire mass range	Abundance sensitivity Cs/U: 10^{-7} 0.5 ppm or better in entire mass range
7.	d) Shield torch – 3 Nos.	d) Shield torch or equivqlent technology – 3 Nos.
8.	6. Resolution ≤ 1 amu	6. Resolution ≤ 1 amu or better.
9.	10. Interference Removal – Kinetic energy discrimination (KED)	10. Interference Removal – Kinetic energy discrimination (KED) or equivalent
10.	13. Spray Chamber – Quartz spray chamber	13. Spray Chamber – Quartz spray chamber or equivalent.
11.	Quadrupole System – b) User definable/selectable resolution (≤0.3 to ≤1.0 amu) for the entire mass range	Quadrupole System – b) User definable/selectable resolution: ≤1.0 amu or better for the entire mass range
12.	General Features – A latest model of bench top ICP-MS with scan modes On mass and Mass shift	General Features – : A latest model of bench top ICP-MS with scan modes On mass and Mass shift or equivalent technology
13.	Ion Extraction Interface – standard orifice size around 1.0 mm or better	Ion Extraction Interface – standard orifice size as per system design
14.	Vacuum system – a) System should consist of two rotary and ceramic-bearing/equivalent turbomolecular pumps	Vacuum system – a) System should consist of maximum two rotary and ceramic-bearing/equivalent turbomolecular pumps as per system requirement
15.	Guaranteed Performance – a) Detection limit: 9Be 1 ppt, 115In 0.5 ppt, 238U/209Bi 0.5 ppt	Guaranteed Performance – a) Detection limit: 9Be: 1ppt or better; $^{89}Y/^{115}In$: <0.2 ppt; 238U/209Bi: < 0.2 ppt

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
	Schedule IV: Inductively Coupled Plasma Mass Spectrometry (ICP-MS) with Microwave Digestion System	
16.	Autosampler – a) more than 180 vial position capacity, movable in three directions X, Y and Z	Autosampler – a) More than **150** vial or more position capacity, movable in three directions X, Y and Z or X/Y

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
	Schedule V: Spectrofluorometer	
1.	Lamp Source: 150W Xenon Lamp	Lamp Source: 150W Xenon Lamp/ Pulse Xenon Lamp
2.	Wavelength Scan Speed 4500 nm/min	Wavelength scan speed ≥ 24000
3.	Reference detector: Standard photo diode/PMT	Reference detector: PMT

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
Schedule VI: Fourier Transform Infrared Spectroscopy (FTIR) with ATR Arrangement		
1.	Signal to noise ratio: 30000:1 (or better)	Signal to noise ratio: 35000:1 or better
2.	5. Beam Splitter – KBr only	5. Beam Splitter – KBr or better
3.	6. Interferometer Type – Michelson, open	6. -Interferometer Type – Michelson, sealed
4.	10. Validation – External polystyrene film	10. Validation – External polystyrene film or internal
5.	Wavelength precision: 0.01 cm^{-1} or better	Wavelength precision/repeatability: 0.01 cm^{-1} or better
6.	The FT-IR system should have vibration isolated base plate to ensure automatic compensation and alignment for water vapour (moisture) and CO_2	The FT-IR System Should have provision to automatic compensate and correlate water vapor (moisture) and CO_2
7.	Software & PC System: Windows 10 OS; 21 CFR Software & IQOQ to be included	Software & PC System: Windows 11 compatible with system software with latest updates 21 CFR 11

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
Commercial Amendment		
1.	The manufacturers must have Manufacturing License from Country's Regulatory Authority	The Original Equipment Manufacturer (OEM) shall submit a self-declaration on their letter-head, confirming that they are regular in manufacturing & supplying of same items, as

CENTRAL MEDICAL SERVICES SOCIETY
Vishwa Yuvak Kendra, Chanakyapuri New Delhi - 21
MoHFW, Govt. of India

Sl. No.	Tender Clause / Specification	Tender Clause / Specification
		asked in this tender, for the last three (03) years as on date of tender opening
2.	Valid ISO 13485, issued by accredited certifying agency	Deleted
3.	CDSCO Import license for the quoted item valid on the date of tender opening	Valid IEC certificate as on Tender Opening Date.
4.	The Manufacturer of "Equipment's/Machine" must have annual production capacity of at least 1.5 times of the quoted quantity. Annual capacity certificate, issued by the regulatory authority in Country of Manufacture/ practicing Chartered Accountant in India, must be submitted along with the bid.	The Manufacturer of "Equipment's/Machine" must have annual production capacity of at least 1.5 times of the quoted quantity. Annual capacity certificate, issued by CA in manufacturing country /CA in India must be submitted along with the bid.
5.	Annual turnover statement for last 3 years in format Section IX Form 4.2, certified by CA/Indian Embassy in Manufacturing Country with UDIN	Bidder may submit Annual Turnover for last three financial years as per Form 4.2. Further, OEM may submit Annual Reports of last three Financial Years i.e. 2022-23, 2023-24 and 2024-25 along with Balance Sheets.
6.	The bidder should not have been convicted in the past three years prior to the date of bid submission. Bidder shall give explicit undertaking for the same in Form 4.3 of the Bid Document.	The bidder/OEM should not have been convicted in the past three years prior to the date of bid submission. Bidder shall give explicit undertaking for the same in Form 4.3 of the Bid Document
7.	Bidder should have service centers in all the location where the proposed Equipment's/machines are Installed/consigned. List of service center with technical staff should be submitted along with the technical bid.	Bidder /OEM should have service centers in major cities in India to cover the service at consingee location. List of service centre with technical staff should be submitted along with the technical bid.
8.	For Foreign manufacturer, all documents to be verified by Chartered Accountant/Indian Embassy in Manufacturing Country	Deleted

B. The Tender Timelines Revised are as under: -

Description	Schedule
Tender Download, Bid Submission along with original Documents End Date, and Time	23.10.2026 up to 03.30 PM
Technical Bid Opening Date and Time	23.10.2026 At 04.00 PM

C. **Apart from above, all other terms & conditions of the tender document remain unchanged.**

12/10/26

Joint Director (Procurement)

Vishwa Yuvak Kendra, Chanakyapuri, New Delhi-21 MoHFW, Govt. of India

Digitally signed by SAURAV KUMAR
Date: 2026.10.12 14:23:52 IST
Location: eProcure-EPROC