



Bid Number: GEM/2022/B/2759827

Dated: 07-12-2022

Bid Corrigendum

GEM/2022/B/2759827-C6

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

Buyer Added Bid Specific Additional Terms and Conditions

- 1. Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address At West Bengal Public Health Laboratory Central Laboratory (Food) KMC, and Regional Food Testing Laboratory Siliguri.
- 2. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name West Bengal Medical Services Corporation Ltd Account No. 105605003391 IFSC Code ICIC0001056 Bank Name ICICI BANK Branch address BIDHANNAGAR, SALT LAKE, SECTOR-V. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of online transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
- 3. Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 2 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
- 4. Buyer Added text based ATC clauses
 - Bidders may have to arrange for a functional demonstration of the offered equipment during technical evaluation of the bids at Kolkata, West Bengal only, if desired by the Tender Inviting Authority (TIA).
 - 2. **Experience Criteria:** Bidder should submit following documents of same / similar type of laboratory equipment in support of supplies made to Govt. Hospitals/laboratories or reputed private hospitals/laboratories for the period of last three calendar years ending December 2021:
 - Proof of installation (Installation certificate / Service report duly signed by the hospital / laboratory/healthcare facility) of the same / similar type of laboratory equipment

OR

- Proof of payment against supply and installation of the same / similar type of laboratory equipment.
- 3. Bidder should mention the bid reference number along with the quoted make and model of the equipment in the OEM certificate and the certificate should be issued to bidder from OEM after publishing of the bid.
- 4. Bidder should submit minimum average annual turnover for last 3(Three) financial years in letter head of chartered accountant with mentioning valid UDIN (Unique Document Identification Number). The data should be submitted in a table duly signed and stamped by chartered accountant.

5. Preference for S.S.I. units registered in West Bengal & PSUs in West Bengal:

In addition to all other terms and conditions as stated herein, the relevant provision of memo no. 10500F dated 19.11.2004 with subsequent amendments issued by Finance Department; Govt. of West Bengal shall also apply.

EMD Exemption of other State MSME allowed.

EMD Exemption of bidders having Annual Turnover of Rs 500/-crore and above allowed.

EMD Exemption of bidders having credentials verified through the process of Vendor Assessment by Vendor Assessment Agencies for the PRIMARY Product/Primary Service for which the bid has been invited is allowed.

- **6.** Availability of Service Centers: OEM / Bidder must have a Functional Service Centre in **Kolkata** and have capability of providing service throughout West Bengal.
- **7.** Successful bidder/OEM will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period.
- **8.** As many as number required, end user training must be provided within the warranty period without any charges.
- 9. Imposition of restrictions on bidder as per Memorandum bearing West Bengal Finance Department Memo No. 202-F(Y) Dated 18.01.2021 read with F.No.6/18/2019-PPD dated 23.07.2020 of Ministry of Finance, Government of India where has been clearly mentioned that, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including sub-contracts and turnkey projects) only if the bidder is registered with the Competent Authority.

.10. Service Uptime in Warranty

- a. Working condition for a minimum period of 354 days out of a period of 365 days. (i.e. 97% Uptime).
- b. Call Log by E-mail/Phone.
- c. The response time to any fault should be not more than 6 hrs after call is logged.
- d. Maximum Downtime allowed without penalty: 72 hours.
- e. Time for rectification should not be more than 48 hours.
- f. Penalty beyond 72 hours downtime & if standby unit is not provided: The percentage of 0.5% of the invoice price of each week or part thereof, of delay unit actual delivery or performance up to a maximum deduction of 7% of the invoice price.
- g. The adequate Engineers to be deployed for attend the all break down call raise by the end user.

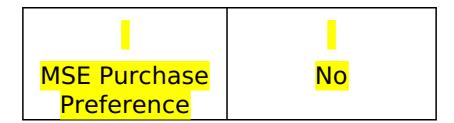
- **11. Pre-Bid Meeting**: Friday, November 25; 12:00 Noon 4:00 PM Physically presence of the bidders are mandatory at 2nd Floor Conference Room of West Bengal Medical Services Corporation (WBMSC), at 2nd floor, Swasthya Sathi Building, Swasthya Bhawan, Kolkata 700091
- 12. The cost for Year wise CMC charges after completion of 2(Two) years warranty in percentage of the sum of quoted price of the equipment bided by the selected bidder(s) in the following manner:-

ITEM	CMC charges				
NAME	in	in	in	in	in
	percentage(%)	percentage(%)	percentage(%)	percentage(%)	percentage(%)
	for Year 3	for Year 4	for Year 5	for Year 6	for Year 7
GC- MSMS	3.00	3.50	4.00	4.50	5.00

AMENDMENT I

In page 2 of Bid Document

MSE Purchase Preference



Amendment II Revised Technical Specifications GC-MSMS

SI.	Technical Specifications
no.	reclinical Specifications
1	GC system A compact high sensitive GC-MSMS system suitable for the analysis of Organo-chlorine pesticides, Organo-phosphorous pesticides, Synthetic Pyrethriods, PCBs and VOCs in food products and water at <1 ppb level with user friendly software. The system should have a Triple Quadruple geometry, capable of carrying out MS and MS/MS experiments
	Column oven The system should have All temperature and time functions are controlled

		by microprocessor-controlled and are shown on the touch- screen display.	
		Temperature: Operating Range Ambient +4°C to 45 0°C	
2		Cooling down rate: from 450 to 50°C in less than 5 min	
2		Temperature programming facility.	
		Ramps : minimum 15 ramps with 16 plateaus or more	
		Maximum inlet temperature ramp rate : 120°C / minute or better for all voltages	
Should have oven power safety(power off when door is open)			
		Column Dimensions: 30m x 0.250mm x 0.25μm	
3		HP-5MS/ DB-1MS or equivalent) (02 no.)	
		DB-5/ HP-5 or equivalent (01 No) DB 1301 or equivalent (01 No	
		Inlet: The system should have	
	a.	Programmable Temperature Vaporizer (PTV)	
4		Temperature ramped split / splitless and large volume injection modes	
		Electronic pressure/ flow control	
		Pressure setting range 0 to 100psi or more	
		Auto Sampler The system should have	
5		Internal standard addition Auto injector / sampler for Liquid injector (minimum 100 vials and HS with minimum 60 sample vials capacity	
		Capable of handling large volume injection with syringe size from 0.5 to 250 μ l. Completely programmable from software.	
6		Backflush: The system should have column end or mid column backflush to remove unwanted components/contaminants/high boilers.	
		MS/MS System The system should have	
		Mass range: Quadruple 10 to 1000 amu or better	
		Mass resolution: minimum 0.7 (width at half height).	
		Mass axis stability: ±0.1 amu over 24 hours or more	
		Linear Dynamic range: Minimum 6th order of magnitude.	
		Scan rate (electronic): 20,000 amu/sec or better	
		Ionization modes: El (Electron ionization) and Cl (Chemical ionization) modes Ion source should have heating capacity of 350°C or more	
		CI: must be capable to operate with different reagent gasses & electronic flow control for reagent gasses	
		Collision cell gas pressure must be electronically/Software controllable	
		Collision energy must be variable	
		Scan Modes:	
	i)	Should be able to do Scan, SIM, MRM/SRM, Parent ion scan, Product ion Scan, and Neutral loss scan-time segment based.	
		Neutral 1033 Seall-time Segment based.	

- 7 iii) SRM/MRM Speed: minimum of 800 MRM/sec
 - iv) Minimum MRM dwell time of 0.5 milliseconds or better.
 - · Installation checkout sensitivity must be better than -
 - · Instrument detection limit: 0.5 fg or less octa fluoro naphthalene (OFN)
 - **El Scan sensitivity**: 1 μl of 1 pg/μl Octafluoronaphthalene (OFN) should give S/N greater than 1200:1 in scan mode 1 μl injection from m/z 50 to 300 for m/z 272
 - **EI MRM Sensitivity**: 1 μL of 100 fg/μL Octafluoronaphthalene (OFN) should produce the following minimum signal-to-noise for the transition from m/z 272 to m/z 222: 15,000:1 or better on 30 mt. column to be demonstrated onsite also
 - Turbomolecular pump: Air cooled Turbomolecular pumps, Rotary vane fore-line pumps supporting the turbo- molecular vacuum pump
 - · Noise reduction cover for fore line pump.
 - Software controlled auto-tune or manual-tune to enable quick startup for quantitative analysis.
 - · Independently heated GC / MS interface.
 - Extended dynamic range Electron Multiplier with triple axis detector geometry configuration to direct the charged ion of interest away from the neutrals with long life and better sensitivity.

Should demonstrate that the machine is suitable for the analysis of ETO, Organo-chlorine pesticides, Organo-phosphorous pesticides, Synthetic Pyrethriods, PCBs and VOCs in

Fish, vegetables and water at < 1ppb level.

8

Nitrogen evaporator: The system should be provided with a suitable Nitrogen evaporator system of 20- 25 samples processing capacity in one batch along with proper fume hood system. The specification along with the model should be provided at the time of tendering.

System Controller and Operating system: Should have capability to run the mass spectrometer in all the modes specified in Scan mode.

- Data acquisition, integration, calibration, quantification and QC calculations must be automated
- · Manual and Auto tune options should be provided.
- Automatic MRM/SRM method Development
- Library searching facility with Licensed NIST Library (in CD/ROM Format).
- Pesticides and endocrine disruptors, PCB's, VOC's, Fatty Acid Methyl Esters, and artificial flavors. MRM Database for minimum 800 GC molecules
- · 21 CFR part 11 & food safety compliance.

Quantitative analysis- Qualitative analysis Features

- **9** . Imports information directly from the acquisition method
 - Provides a curve-fit assistant to test all fits and statistics on curve quality
 - Integrates with an automated, parameter-free integrator that uses a novel algorithm, optimized for triple Quadra pole data
 - For fast method development, this software is used to quickly review the qualitative aspects of the data, such as the optimum precursor to product ion transitions.
 - Qualitative Analysis program to present large amounts of data for review in one central location.

•	Extract chromatograms
•	View and extract peak spectra
•	Subtract background
•	Integrate the chromatogram PC with Printer
10	Minimum Intel core i5/i7/Equivalent processor, 2.0 GHz or more, 24"or more LCD/TFT Monitor, 2 TB HDD, DVD Read/Write, 16 GB RAM,4 USB Port or higher configuration for use with the above system to be provided.
	Reputed Branded automatic back to back colour Laser jet printer should be provided.
	Start Up Kit
	Installation kit must be included.
11	Required gas cylinders (with requisite certificate) for Helium and Argon or Equivalent (3 each) should be provided with accessories like Gas regulators and gas purification system etc.,
	Required Gas regulators and gas purification systems should be provided, installed and commissioned for all the gases used in the instrument including gas tubing, manifold.
	Sample Preparation kits QuEChERS Kits (1000 no.s each) for Pesticides etc in following matrices:
	Water
12 .	High fat containing food
	High Water content food
	Highly Pigmented foods (e.g. chlorophyll, lycopene, carotene etc)
	Calibration Standards to be supplied for two years: Pesticide standards with 2 years expiry
	years expiry
	date to be supplied with the instrument or Pesticide standards with 1 year expiry
13	date to be supplied with the instrument or Pesticide standards with 1 year expired date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each
	date to be supplied with the instrument or Pesticide standards with 1 year expired date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide)
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL)
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 µg/mL)
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 µg/mL) Herbicides Glyphosate, Glufosinate 2x1ml (100 µg/mL)
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 µg/mL) Herbicides Glyphosate, Glufosinate 2x1ml (100 µg/mL) Must cover the range of pesticides as enclosed in Annexure A and Annexure B
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 µg/mL) Herbicides Glyphosate, Glufosinate 2x1ml (100 µg/mL) Must cover the range of pesticides as enclosed in Annexure A and Annexure B Accessories and Consumables
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 µg/mL) Herbicides Glyphosate, Glufosinate 2x1ml (100 µg/mL) Must cover the range of pesticides as enclosed in Annexure A and Annexure B Accessories and Consumables · Sample injector:
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 µg/mL) Herbicides Glyphosate, Glufosinate 2x1ml (100 µg/mL) Must cover the range of pesticides as enclosed in Annexure A and Annexure B Accessories and Consumables · Sample injector: For liquid injection (5 no. each)
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 µg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 µg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 µg/mL) Herbicides Glyphosate, Glufosinate 2x1ml (100 µg/mL) Must cover the range of pesticides as enclosed in Annexure A and Annexure B Accessories and Consumables · Sample injector: For liquid injection (5 no. each) For HS syringe (5 no. each)
	date to be supplied with the instrument or Pesticide standards with 1 year expiry date to be supplied for 2 years Organo Chloro Pesticides mix in hexane/acetonitrile 2x 1 ml (100 μg/mL of each pesticide) Organo Phosphorous Pesticides in hexane/acetonitrile 2x1 ml (100 μg/mL) Pyrethriods in hexane/acetonitrile 2x1ml (100 μg/mL) Herbicides Glyphosate, Glufosinate 2x1ml (100 μg/mL) Must cover the range of pesticides as enclosed in Annexure A and Annexure B Accessories and Consumables · Sample injector: For liquid injection (5 no. each) For HS syringe (5 no. each) Air tight syringe (for manual injection) (2 no. each)

	Vials with cap for 10 and 20 ml capacity (each 50 No.).
	Column Ferrules- injector end and interface end (20 No. each).
14 ·	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.)
	El Filaments (5 No.)
	Column cutter (2 No.)
	Gas tube cutter.
	Oil mist trap for pump (2 No.).
	Tool kit.
	Optional: Any other accessory as felt required for the proper functioning of the
15	Power Supply The system should have UPS (minimum 10 KVA) of suitable rating with voltage
	regulation, spike protection and minimum 60 minutes back up for the supplied Equipmer
	Additional items
	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.
16 ·	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.
	PLEASE PROVIDE MAINTENANCE CHART FOR ALL OF THE COMPONENTS IN GC-MS/MS System
	Operation and maintenance &Training Component
17 ·	The supplier will have to carry out successful installation at our laboratory premises (where ever the system has to be installed) and provide on – site comprehensive training for scientific personnel operating the system and support services till customer satisfaction with the system.
	10/00/P0
	IQ/OQ/PQ
18	IQ/OQ/PQ of the system is required
18	

- Annual calibration of the equipment shall be a part of the warranty. It shall also be mandatory to perform calibration after every major repair/breakdown.
- At least one Preventive maintenance along with PM kit each year during warranty period
- The supplier or his authorized agent should have after sales and service centre near each of our laboratory location where the equipment is to be supplied.
 - Current user's / performance list with contact details (Customer name, phone email id etc) and date of installation to be provided (Minimum 5 installations of the model quoted / Equivalent models for newly launched systems).
 - Number and details of the service engineers has to be provided

Onsite performance evaluation of the equipment will be carried out for those who qualify in the technical bid.

If CMC is done, during CMC period all spares, accessories and consumables, at least one Preventive maintenance along with PM kit each year on yearly basis to be provided.

20 **Pre-installation requirements** Provide all pre-installation requirements

GC MS MS

Annex-A

Organochlorines	Organophosphates	Pyrethroids
Alpha-HC	Malaoxon	Permethrin isomers
Gamma-HCH	Methyl paraoxon	Cypermethrin isomers
Beta-HCH	Disulfoton	Fenvelerate
Heptachlor	Monochrotophos	Deltamethrin
Delta-HCH	Methyl chlorpyriphos	Bifenthrin
Aldrin	Ethyl parathion	
Heptachlor Epoxide	Dichlorovo	
Alpha-Chlordan	Dicofo	
Trans-Chlordan	Fenitrothion	
Endosulfan-1	Phosphamidon	
pp-DDE	Phosalone	
Dieldrin	Atrazine	

Endrin	Simazine	
Pp-DDD	Pirimiphos methyl	
Endosulfan-l	Acephat	
Endrin Aldehyde	Phorat	
Pp-DDT	Diazinon	
Endosulfan Sufate	Dimethoate	
Methoxychlor	Ethyl Chlorpyrifos	
Endrin Ketone	Methyl Parathion	
Hecxachlorobenzen	Malathio	
	Fenthion	
	Ethion	

SL NO	ANNEXURE B PESTICIDE ANALYTE FOR GCMSMS
	Organochlorine pesticide standard
	4,4'-DDD 1000 μg/mL CAS #: 72-54-8
	• 4,4'-DDE 1000 μg/mL CAS #: 72-55-9
	• 4,4'-DDT 1000 μg/mL CAS #: 50-29-3
	• Aldrin 1000 μg/mL CAS #: 309-00-2
	• alpha-BHC (alpha-HCH) 1000 μg/mL CAS #: 319-84-6
	• beta-BHC (beta-HCH) 1000 μg/mL

	CAS #: 319-85-7	
	• cis-Chlordane 1000 μg/mL CAS #: 5103-71-9	
	• delta-BHC 1000 μg/mL CAS #: 319-86-8	
	• Dieldrin 1000 μg/mL CAS #: 60-57-1	
1	• Endosulfan I 1000 μg/mL CAS #: 959-98-8	
	• Endosulfan II 1000 μg/mL CAS #: 33213-65-9	
	• Endosulfansulfate 1000 μg/mL CAS #: 1031-07-8	
	• Endrin 1000 μg/mL CAS #: 72-20-8	
	• Endrinaldehyde 1000 μg/mL CAS #: 7421-93-4	
	• Endrinketone 1000 μg/mL CAS #: 53494-70-5	
	• gamma-BHC (lindane) 1000 μg/mL CAS #: 58-89-9	
	• Heptachlor 1000 μg/mL CAS #: 76-44-8	
	• Heptachlor epoxide - isomer b 1000 μg/mL CAS #: 1024-57-3	
	• Methoxychlor 1000 μg/mL CAS #: 72-43-5	

	• trans-Chlordane 1000 μg/mL CAS #: 5103-74-2
2	alpha Chlordane (cis Chlordane)
3	trans-Chlordane
4	Methoxychlor
5	Endrin ketone
6	Hexachloro-benzene (HCB)
	Nitrogen/Phosphorous Pesticide Mixture
	Alachlor 100 μg/mL CAS #: 15972-60-8 • Ametryn 100 μg/mL CAS #: 834-12-8 • Atraton 100 μg/mL CAS #: 1610-17-9 • Atrazine 100 μg/mL CAS #: 1912-24-9
	 Bromacil 100 µg/mL CAS #: 314-40-9 Butachlor 100 µg/mL CAS #: 23184-66-9
	• Butylate 100 μg/mL CAS #: 2008-41-5
	• Chlorpropham 100 µg/mL CAS #: 101-21-3
	• Chlorpyriphos 100 µg/mL CAS #: 2921-88-2

• Cyanazine 100 μg/mL

CAS #: 21725-46-2

 Cycloate 100 μg/mL CAS #: 1134-23-2

 Dichlorvos 100 μg/mL CAS #: 62-73-7

• Diphenamid 100 μg/mL CAS #: 957-51-7

EPTC 100 μg/mL CAS #: 759-94-4

• EthoproP 100 μg/mL CAS #: 13194-48-4

• Fenarimol 100 μg/mL CAS #: 60168-88-9

• Fluridone 100 μg/mL CAS #: 59756-60-4

• Hexazinone $100~\mu g/mL$ CAS #: 51235-04-2

 Methyl paraoxon $100 \mu g/mL$ CAS #: 950-35-6

 Metolachlor 100 μg/mL CAS #: 51218-45-2

Mevinphos $100~\mu g/mL$ CAS #: 7786-34-7

• MGK-264 (mixed, total) 100 μg/mL CAS #: 113-48-4

Molinate

7

100 μg/mL CAS #: 2212-67-1

 Napropamide 100 µg/mL CAS #: 15299-99-7

 Norflurazon 100 µg/mL CAS #: 27314-13-2

• Pebulate 100 μg/mL CAS #: 1114-71-2

• Prometon 100 μg/mL CAS #: 1610-18-0

 Prometryn 100 μg/mL CAS #: 7287-19-6

• Pronamide 100 μg/mL CAS #: 23950-58-5

 Propachlor 100 μg/mL CAS #: 1918-16-7

• Propazine 100 μg/mL CAS #: 139-40-2

• Simetryn 100 μg/mL CAS #: 1014-70-6

• Tebuthiuron 100 μg/mL CAS #: 34014-18-1

Terbacil
 100 µg/mL
 CAS #: 5902-51-2

 Terbutryn(e) 100 μg/mL CAS #: 886-50-0

 Tetrachlorvinphos 100 μg/mL CAS #: 22248-79-9

	 Triadimefon 100 μg/mL CAS #: 43121-43-3 Tricyclazole 100 μg/mL CAS #: 41814-78-2 Trifluralin 100 μg/mL CAS #: 1582-09-8 Vernolate 100 μg/mL CAS #: 1929-77-7 	
8	Malaoxon	
9	Methyl paraoxon	
10	Monochrotophos	
11	Methyl chlorpyriphos	
12	Ethyl parathion	
13	Dicofol	
14	Fenitrothion	
15	Phosalone	
16	Atrazine	
17	Simazine	
18	Pirimiphos methyl	
19	Dimethoate	
20	Malathion	
21	Ethion	
22	Permethrin & its isomers	
23	Cypermethrin	

	 		
24	Fenvelerate		
25	Deltamethrin		
26	Bifenthrin		
27	Aldrin		
28	Beta-Endosulphan		
29	Beta-HCH		
30	delta-HCH		
31	Dieldrin		
32	Volatile Organic Compounds (Agilent DWM-570-1)		
33	Endosulfan-1		
34	Endrin Aldehyde		
35	Gamma-HCH		
36	Heptachlor		
37	p,p´-DDE		
38	p,p´-DDT		
39	p,p´-TDE (DDD)		
40	alpha-HCH		
41	EndosulfanSufate		
42	I. Acenaphthene II. Acenaphthylene III. Anthracene IV. benz[a]anthracene V. benzo[b]fluoranthene VI. benzo[k]fluoranthene VII. benzo[ghi]perylene VIII. benzo[a]pyrene IX. chrysene dibenz[a,h]anthracenefluoranthenefluoreneindeno[1,2,3-cd]pyrene naphthalene phenanthrene X. pyrene		

1	+			
43	CHLORPYRIFOS			
44	Heptachlor Epoxide			
45	Alpha cypermethrin			
46	Alpha-Endosulphan			
47	Captan			
48	Chlordane			
49	Chlorfenopyr			
50	Polychlorinated Biphenyls (PCB) Mixture • 2.2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ 194) 10 μg/mL CAS #: 35694-08-7 • 2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170) 10 μg/mL CAS #: 35065-30-6 • 2,2',3,4',5',6-Hexachlorobiphenyl (BZ 149) 10 μg/mL CAS #: 38380-04-0 • 2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138) 10 μg/mL CAS #: 35065-28-2 • 2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180) 10 μg/mL CAS #: 35065-29-3 • 2,2',3,5'-Tetrachlorobiphenyl (BZ 44) 10 μg/mL CAS #: 41464-39-5 • 2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153) 10 μg/mL CAS #: 35065-27-1 • 2,2',4,5,5'-Pentachlorobiphenyl (BZ 101) 10 μg/mL CAS #: 37680-73-2 • 2,2',5,5'-Tetrachlorobiphenyl (BZ 52) 10 μg/mL CAS #: 35693-99-3			

	• 2,2',5-Trichlorobiphenyl (BZ 18) 10 μg/mL CAS #: 37680-65-2			
	 2,3',4,4',5-Pentachlorobiphenyl (BZ 118) 10 μg/mL CAS #: 31508-00-6 			
	 2,4',5-Trichlorobiphenyl (BZ 31) 10 μg/mL CAS #: 16606-02-3 			
	 2,4,4'-Trichlorobiphenyl (BZ 28) 10 μg/mL CAS #: 7012-37-5 			
	 Decachlorobiphenyl (bz 209) 10 μg/mL CAS #: 2051 24 3 			
51	Chlorothalonil			
52	Diclofop-methyl			
53	<u>Mancozeb</u>			
54	o,p´-DDT			
55	Profenofos			
56	Propanil			
57	<u>Propineb</u>			
58	Pyrethrin			
59	<u>Thiram</u>			
60	<u>Zineb</u>			
61	Ametyrne			
62	Fenpropathrin			
63	Iprodione			
	Plasticizers			
	• Bis(2-ethylhexyl) adipate 200 μg/mL			

	CAS #: 103-23-1		
64	• Bis(2-ethylhexyl) phthalate 200 μg/mL CAS #: 117-81-7		
	Butyl benzyl phthalate 200 μg/mL CAS #: 85-68-7		
	Eucalyptol		
65	Eucalyptol 1000 μg/mL CAS #: 470-82-6		
	Linalool		
66	Linalool 1000 μg/mL CAS #: 78-70-6		
67	Ethofenprox		
68	Fluvalinate		
69	FORMOTHION		
70	Lambdacyhalothrin		
	Volatile Organic Compounds		
71			
	Geraniol		

Form-A: Consignee Receipt Certificate (CRC)

(To be issued by consignee's authorized representative)

[The consignee may issue an additional challan receipt if delivered by courier or transporter]

Date of supply by the Company Person or Courier:	

Name and Address of the Consignee:			
Name of the item supplied (with Make & Model & Model No.):			
Purchase Order /Contract No.:			
Name of the Supplier:			
No. of Units supplied :			
No. Of Box supplied :			
Place of destination (The dept. where the equipment will be actually installed):			
Invoice No. & Date:			
Details of Batch /Serial Numbers, if any of item supplied:			
(Signature & Office Seal of authorized representative of Consignees with date)			
[Name and designation of the signatory to be written capital letter]			
(Signature & Office Seal of Head of the Institute/Hospital with date)			
[Name and designation of the sig	natory to be written capital letter]		

Form B: Satisfactory Installation Certificate (SIC)

(To be issued by the consignee after successful commissioning of equipment)

Bid Reference	:
Award of Contract Reference	:
Description of Equipment/Service	:
Date of Commissioning	:
Warranty up to	:

This is to certify that the equipment(s) as detailed below has/have been received in good condition along with all the standard and special accessories, consumables, set of spares in accordance with the contract/technical specification of the equipment and site preparation including interiors as per bid document.

Details of equipment, accessories, consumables, spares, etc.

SI	Description	Quantity	Serial No. / Part No.
1			
2			
3			
4			
5			

In case of space deficiency, another sheet with the same format can be annexed.

The supplier has also submitted the following,

- 1. Tools for maintenance
- 2. Detailed operation and maintenance manual both in hard and soft copy for each item of supply at each location

The proving test has been done to our entire satisfaction. The equipments, its accessories and ancillaries of the site preparation including interiors is functioning satisfactorily and faultlessly

satisfactority and faultiessiy		
Declaration by Unit Head (HOD/MO-IC/Others) :		
Sticker designed by NHM is fitted with the equipment	Yes No	

Signature
with Stamp :
Name (in Block)

P.T.O.

The following operators/ end users have been trained to operate the equipment(s),

SI	Name	Designation	Contact No	E-mail ID (In CAPS)	Signature
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

In case of space deficiency, another sheet with the same format can be annexed.

Countersigned by the head of the institute / hospital:	
Signature	Signature of Unit Head: (HOD/MO-IC/Others)
Name	
Designation with stamp	Name (in Block):
Date	Designation with Stamp:

5. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

- 6. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- 7. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 8. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
- 9. Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

- 10. Installation, Commissioning, Testing, Configuration, Training (if any which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
- 11. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
- 12. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope All spare parts & labour (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
- 13. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 14. Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name West Bengal Medical Services Corporation Ltd. Account No. 105605003391 IFSC Code ICIC0001056 Bank Name ICICI BANK Branch address BIDHANNAGAR, SALT LAKE, SECTOR-V. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.
- 15. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
- 16. Scope of supply includes Training: Number of employees to be trained 5 , Place for Training at the consignee location and Duration of training 2 days.
- 17. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imberse the cost of such service / rectification to the Buyer.
- 18. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
- 19. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
- 20. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
 - i) The Seller fails to comply with any material term of the Contract.
 - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
 - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
 - iv) The Seller becomes bankrupt or goes into liquidation.
 - v) The Seller makes a general assignment for the benefit of creditors.
 - vi) A receiver is appointed for any substantial property owned by the Seller.
 - vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the

bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

This Bid is also governed by the General Terms and Conditions