



Running Contract Details	
Equipment Name	Vaporized Hydrogen Peroxide Decontamination System
Running Contract Valid Till	14-02-2026
Tender Ref No	KMSCL/EP/T519(R)/1681/2023
Tendered Quantity	4
Supplier Name	M/s HiContainments International Pvt Ltd
GST No	29AAECH6711Q1Z0
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
Plot No.24 Bhagalaxmi co-op society P&T Colony Trimulgherry Secunderabad-500015	Contact Person	Mr B Venkata Ramana
	Phone	
	Mobile No	8886869988
	Email	sales@hicontainments.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Vaporized Hydrogen Peroxide Decontamination System <i>Model & Make : 1.0 /Ortner Reinraumtechnik GmbH</i>	9924617.01 Incl.GST :18%	694723.19	10619340.2
		9924617.01	694723.19	10619340.2

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Vaporized Hydrogen Peroxide Decontamination System							
Labour	1,81,548.00	1,81,548.00	1,81,548.00	1,99,702.80	1,99,702.80	2,19,673.08	2,19,673.08
Comprehensive	1,92,456.00	2,02,078.80	2,12,182.74	2,22,791.88	2,33,931.47	2,45,628.04	2,57,909.44

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender

document).

2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment : Vaporized Hydrogen Peroxide Decontamination System

I. For use in bio safety level 3 lab.

1. System Description

- a. Vaporized Hydrogen Peroxide shall be produced in a generator using aqueous H₂O₂ sterilant and passed into the space to be decontaminated using dry and hot compressed Air as a carrier medium.
- b. The transportation and distribution of Vaporized Hydrogen Peroxide into the BSL-3 Lab spaces, and Fumigation Air-Lock shall be done through a piping network with motorized valves.
- c. The work shall include supply of Vaporized Hydrogen Peroxide Generator, distribution piping network, motorized valves with control system and programmed through Building Management System, one lot of H₂O₂ sterilant (Approx. 10 Litres.), 1 Lot of biological indicators for initial commissioning and validation of the system and test the decontamination efficacy, complete as required. Items required for initial demonstration should be supplied by the supplier. size should be approximately: 500*500mm(1*b)

2. Vaporized Hydrogen Peroxide Generator

- a. The Vaporized Hydrogen Peroxide Generator shall be Modular Evaporator system complete with injection pump, blower, air compressor etc. in an enclosed casing mounted on a frame with castor.
- b. The unit shall have an inbuilt unit to monitor weight of H₂O₂ (Hydrogen Peroxide) during the process to allow to set the dosage of amount/concentration of Hydrogen peroxide into the system according to targeted volume of space to be Bio-decontaminated. The system shall be capable to bio-decontaminate space of up to 150Cum and shall give minimum 6Log reduction on all exposed surfaces in decontaminated space.

3. Distribution Piping.

- a. VHP generator to be connected to pass box .
- b. Piping shall be provided for distribution of vaporized hydrogen peroxide to the BSL-3 spaces, fogging, air-lock etc., as required.
- c. Material of Construction of piping system: SS-316L or better material.
- d. Type: Orbital welding joints with internally electro polishing. Size: 1.5" standard (May vary according to final size of space as per manufacturer's
- e. recommendations)
- f. Insulation: Distribution piping shall be insulated as per manufacturer's recommendations to avoid condensation.

4. A detailed technical brochure of the equipment and necessary certificates should be attached in technical bid which is mandatory for selection.

Note:

1. On winning the bid, the vendor must coordinate with the civil work engineer/project consultant of the BSL3 lab and ensure the compatibility and integration of the supplied equipment and make necessary changes to the equipment dimensions if necessary.
2. Site should be visited before participating in the tender for exact measurements

3. If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid
4. Warranty exclusions if any shall be discussed at the time of prebid meeting else the tender condition as per clause 6.31.20 shall prevail