Kerala State Homoeopathic Co-Operative Pharmacy Ltd.
(sponsored by government of Kerala & aided by govt. of India)
Office: Pathirappally, Alappuzha, Kerala, India - 688 521

Phone : 0477 2258012
:0477 2258665
Fax : 0477 2258012

Website : www.homcokerala.com | Email : homcokerala@gmail.com

Supplier's Copy

USER REQUIREMENT SPECIFICATION

Name of the Company	**:**	
Contact Person	**:**	
Address	**:**	
Contact Details	**:**	
Department	**:**	QC, Microbiology and Production
Equipment and Code No.	**:**	SS furniture and lab furniture's
Name of work	**:**	Supply and Installation SS furniture and lab furniture's at M/s. HOMCO – Kerala.
Ref. No.	**:**	
Date	**:**	
Enclosures	**:**	
Qty.	**:**	As per below Tabulation

HOMCO

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1.0 : List of Furniture's

S No	Area Name	Furniture Name	Dimension	Quantity
Microbiology				
1	GOWNING QC	Cross over bench 2	2450 (L) x 400 (W) x 600 (H)	1
2		SS Sanitizer dispenser		1
3		SS Mirror polished mirror	1850 X 650	1
4	STABILITY TESTING ROOM	SS Table 1	1500 (L) X 900 (W) X 750 (H)	1
5		SS chair	415 (L) X 345 (W) X (550+370) (H) (MM) with Back rest height	1
6		SS storage cupboard	1980 X 450 x 900	1
7		SOP stand	250 (W) X 360 (H)	1
8	Primary AL-1	SS Locker 5 x 3 with inbuilt locker and handles	1200 (W) x 1500 (H) x 400 (D)	1
9		Crossover bench 1a	1200 (L) x 300 (W) x 600 (H)	1
10		SS Sanitizer dispenser		1
11		SS Mirror polished mirror	1850 X 650	1
12	INCUBATION ROOM	SS Table 1	1500 (L) X 900 (W) X 750 (H)	1
13		SS chair	415 (L) X 345 (W) X (550+370) (H) (MM) with Back rest height	1
14		SOP stand	250 (W) X 360 (H)	1
15	MEDIA STORE	MS powder coated rack	As Per drawing area dimension	1 lot
16		SOP stand	250 (W) X 360 (H)	1
17	MEDIA PREPARATION	SS Table with granite top with SINK , SS tap	2200 (L) X 700 (W) X 750 (H)	1
18		SS Table 2	1000 (L) X 600 (W) X 750 (H)	1
19		SS chair	415 (L) X 345 (W) X (550+370) (H) (MM) with Back rest height	1
20		SOP stand	250 (W) X 360 (H)	1
21	PAL-1	SS Locker 5 x 3 with inbuilt locker and handles	1200 (W) x 1500 (H) x 400 (D)	1
22		SS Sanitizer dispenser		1
23	PAL-2	Sterile garment cabin	900 (L) X 725 (D) X 1750 (H)	1
24		Crossover bench 1b	1700 (L) X 300 (W) x 600 (H)	1
25		SS Sanitizer dispenser		1
26		SS Mirror	1850 X 650	1
27	Limit test	SS Table 2	1000 (L) X 600 (W) X 750 (H)	1
28		SS chair	415 (L) X 345 (W) X (550+370) (H) (MM) with Back rest height	1

S No	Area Name	Furniture Name	Dimension	Quantity
Microbiology				
29	Sterility 2	SS Table 2	1000 (L) X 600 (W) X 750 (H)	1
30		SS chair	415 (L) X 345 (W) X (550+370) (H) (MM) with Back rest height	1
31	Cooling Zone	SS Table 2	1000 (L) X 600 (W) X 750 (H)	1
32	DECONTAMINATION	SS Table with SINK	1700 (L) X 700 (W) X 750 (H)	1
33		SS Table with Granite Top	3200 (L) X 700 (W) X 750 (H)	1
34		SOP stand	250 (W) X 360 (H)	1
35	Accessories	SS sample collection container	15 litres	3
36		SS Cleaning Trolley two bucket with squeezer	540 (L) x 360 (W) x 950 (H)	2

Production				
1	Accessories	Ladder steps for FBD bowl with rubber push at bottom	500 x 750 2 steps	3
2		SS Trolley 1	740 (L) x 460 (W) x 760 (H) above wheel	10
3		Stool 2	1400 (H) x 400 x 400	1
4		SS Shovel	1000 L x 150 flat base	2
5		Scoop big open type – 2 kg		4
6		SS long scraping wiper	600 L x 125 flat base	2
7		SS Trolley 2	740 (L) x 460 (W) x 760 (H) above wheel top and bottom full plate / side wall with 150 mm height	2

2.0 : PROCESS REQUIREMENT DETAIL

Required for QC, Microbiology and production area.

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3.0	:	DESIGN REQUIREMENT DETAIL

Design requirement need to be as per the drawing.

Annexure 1	:	SS Cleaning Trolley two bucket with squeezer
Annexure 2	:	Ladder steps for FBD bowl with rubber push at bottom
Annexure 3	:	SS Locker 5 x 3 with inbuilt locker and handles
Annexure 4	:	SS sample collection container
Annexure 5	:	SS chair
Annexure 7	:	Stool 2
Annexure 8 a	:	MS Rack
Annexure 8 b	:	MS Rack area layout
Annexure 9	:	Crossover bench 1a & Crossover bench 1b
Annexure 10	:	Crossover bench 2
Annexure 11	:	SS Sanitizer dispenser
Annexure 12	:	Scoop big open type – 2 kg
Annexure 13	:	SS Table with granite top with SINK , SS tap
Annexure 14	:	SS Table with SINK
Annexure 15	:	SOP stand
Annexure 16	:	SS Mirror
Annexure 17	:	SS long scraping wiper
Annexure 18	:	SS Shovel
Annexure 19	:	Sterile garment cabin
Annexure 20	:	SS storage cupboard
Annexure 21	:	SS Table with Granite Top
Annexure 22	:	Powder dispenser
Annexure 23	:	SS Table 1 & 2
Annexure 24	:	SS Trolley 1
Annexure 25	:	SS Trolley 2

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4.0	:	DETAILS OF THE MACHINE

(To be specified by the supplier, if any specification variation is required)

S No	Description	Requirement
4.1 Furniture's :		
4.1.1	MOC	SS , all contact parts SS316 and all non-contact parts SS304
4.1.2	Finishing	Round and smooth finishing
4.1.3	Dimension / design / thickness	As per the drawings
4.1.4	Model	As per drawing
4.1.5	Warranty	Warranty should be 1 year or more from the date of supply and installation
4.2 Sterile garment cabin :		
4.2.1	Dimension	900 (L) X 725 (D) X 1750 (H)
4.2.2	Filtration	Pre filter and HEPA filter 0.3 micron 99.999% H14 filter
4.2.3	MOC	SS 304
4.2.4	Heater with Thermostat	Should incorporate heater with thermostat in cabinet to control the temperature inside the cabinet, to keep garments warm as well as eliminate moisture to eliminate the contamination in garments.
4.2.5	Should have UV lamp for sterilization with timer control Door interlock for safety Differential pressure monitoring need to be provided HMI+PLC Based Control System for over all control need to be provided	

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5.0 : OPERATIONAL & CONTROL FEATURES

S No	Description	Requirement
5.1	**Furniture's**	Furniture's with lock, bottom bushes, storage compartment with locks.

*** To be specified and confirm by the supplier as per their equipment design**

6.0 : SAFETY

(To be specified by the supplier, if any variation)

S No	Description	Requirement
6.1 Finishing		
6.1.1	Finishing	No sharp edges
6.1.2	Internal Support	Proper internal rod support should be provided.

*** To be specified and confirm by the supplier as per their equipment design**

7.0 : MISCELLANEOUS

DESCRIPTION (To be specified by the supplier, if any variation)
Miscellaneous:
❖ MOC need to be as per drawing

*** To be specified and confirm by the supplier as per their equipment design**

8.0 : CLEANING TECHNIQUE

DESCRIPTION (To be specified by the supplier, if any variation)		
Mode of machine cleaning	:	*

*** To be specified and confirm by the supplier as per their equipment design**

9.0 : MECHANICAL DETAILS

DESCRIPTION (To be specified by the supplier, if any variation)		
Dimension (In mm)	:	Should be as per the annexure drawings *
Net Weight (In Kgs.)	:	*
Type of Packing	:	*
Case Dimension (In mm)	:	*
Gross Weight (In Kgs.)	:	*
Foundation details if required	:	*

*** To be specified and confirm by the supplier as per their equipment design**

10.0 : TRAINING REQUIREMENT

- Training to all concern of M/s. HOMCO, Kerala for the Installation, Operation, Maintenance of Equipment provided by vendor and training record should be documented.
- Testing of control panel should be carried out in presence of customer/Client's representative at the place of manufacturer before delivery.
- Vendor shall support client in execution of all the Qualification Phases.

11.0 : DOCUMENTATION

List of all Documents to be supplied along with equipment [AS APPLICABLE]			
Sr. No.	**Document to be supplied**	**Qty**	**Remarks**
11.1	Test Certificates of all material of construction	1 set	
11.2	DQ , IQ , OQ and PQ protocol need to be provided for garment cubical	1 set	
11.3	PQ test like Air velocity, filter integrity, particle count and Air velocity need to be performed as a part of PQ. This will be in vendor scope		

12.0 : TERMS AND CONDITIONS

Delivery Period	:	*
Packaging and Forwarding	:	**By Vendor**
Un-loading at site	:	By vendor Installation in position by the vendor under the client's **supervision** All furniture's are in different location/floor. it's in the scope of vendor to locate it in the respective place
Installation and Commissioning	:	**By Vendor**
Response to URS and submission of quotation	:	Within 2 week
Submission of detail functional design specification and schematic drawings	:	Within a week after order finalization
Submission of FAT / SAT specification	:	2 weeks before FAT
The supplier should notify customer 2 weeks in advance of the beginning of FAT		
Any other terms, not mentioned above, also to be specified.		

*** To be specified by the supplier**

13.0 : ABBREVIATION

13.1	URS	:	User Requirement Specification.
13.2	DQ	:	Design Qualification
13.3	SS	:	Stainless Steel
13.4	MOC	:	Material of Construction
13.5	cGMP	:	Current Goods Manufacturing Practices
13.6	O&M	:	Operation and Maintenance
13.7	GA	:	General Arrangement
13.8	SLD	:	Single Line Diagram
13.9	HOD	:	Head of Department
13.10	QA	:	Quality Analysis
13.11	MRP	:	Maximum Retail Price
13.12	NMT	:	Not more than
13.13	BPM	:	Bottles per minutes

Any other details, not mentioned in section 1.0 to 13.0, to be specified in the quotation/specification by the vendor.