



## 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](http://www.homcokerala.com)

Email : [homcokerala@gmail.com](mailto:homcokerala@gmail.com)

### Supplier's Copy

## USER REQUIREMENT SPECIFICATION

Name of the Company	:	
Contact Person	:	
Address	:	
Contact Details	:	
Department	:	Ground Floor, First Floor& Second floor
Equipment and Code No.	:	GPS Clock
Name of work	:	Supply, installation of GPS Clock MOC: SS316 at M/s. HOMCO –Kerala at Ground, First and Second Floor
Ref. No.	:	
Date	:	
Enclosures	:	
Qty.	:	1) Master clock – 4 no's 2) Slave clocks - 43 Nos. 3) Flame proof Slave clock – 8 no's



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## GPS CLOCK

**1.0**

**:**

### **LIST OF AREA FOR GPS CLOCK**

S No	Area Name
1.	Ointment Manufacturing
2.	Ointment filling
3.	Ointment packing
4.	Sampling area
5.	Dispensing area
6.	RM store
7.	FG store
8.	PM store
9.	Limit test area
10.	Sterile area
11.	Incubator area
12.	Cool zone
13.	Decontamination area
14.	Media preparation area
15.	Media store
16.	Control sample area



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17.	Instrumentation lab I
18.	Instrumentation lab II
19.	Wet lab
20.	Hot lab
21.	Pharmacognology lab
22.	Stability area
23.	Preparation area
24.	Contact part preparation
25.	Cooling zone
26.	Labelling and inspection
27.	Vial decartoning I
28.	Vial decartoning II
29.	Compounding
30.	Sterile filtration
31.	Quarantine packing
32.	Filling
33.	FG store
34.	Granulation
35.	Blending



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36.	Titration
37.	Compression I
38.	Compression II
39.	Inspection
40.	Blister
41.	Bulk packing
42.	Packing Hall
43.	Dilution filling
44.	Mother tincture filling
45.	Alcohol storage area
46.	Blending area
47.	Mother tincture manufacturing area I
48.	Mother tincture manufacturing area II
49.	Dilution manufacturing area I
50.	Dilution manufacturing area II
51.	Quarantine
52.	Quarantine
53.	Sorting area
54.	Filling cleaning booth



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55.

Water plant

**2.0**

:

### **PROCESS REQUIREMENT DETAIL**

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

The GPS clock shall continuously receive satellite signals and automatically update time without manual intervention, as a pharma plant the data entry need to be done using the real time data hence the clock is important in every area.

**3.0**

:

### **DESIGN REQUIREMENT DETAIL**

Design requirement as per the international standard and there should not be any delay in synchronization.



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<b>4.0</b>	<b>:</b>	<b>DETAILS OF THE MACHINE</b>
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(To be specified by the supplier, if any specification variation is required)

S No	Description	Requirement
<b>4.1 Basic Data (Slave clock)</b>		
4.1.1	Display Size	2.2"
4.1.2	Display mode	HH: MM
4.1.3	Accuracy	± 1 minutes
4.1.4	Display	7 segment Red colour
4.1.5	Time format	24 Hrs.
4.1.6	Environment temperature	15 to 35 °C
4.1.7	MOC	SS 304
4.1.8	Communication	Wireless
4.1.9	Communication range	300 meter
4.1.10	Power	230VAC,12VDC,24VDC
4.1.11	Mounting	Wall mounting
<b>4.2 Basic Data (Master clock)</b>		
4.2.1	Display mode	HH: MM
4.2.2	Accuracy	± 1 minutes
4.2.3	Display	7 segment Red color
4.2.4	Time format	24 Hrs.
4.2.5	MOC	SS 304
4.2.6	Communication	Wireless



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4.2.7	Power	230VAC,12VDC,24VDC
4.2.8	Mounting	Wall mounting

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

S No	Description	Requirement
<b>4.1 Basic Data (Flame proof Slave clock)</b>		
4.1.1	Display Size	2.3"
4.1.2	Display mode	HH: MM
4.1.3	Accuracy	± 1 minutes
4.1.4	Display	7 segment Red colour
4.1.5	Time format	24 Hrs.
4.1.6	Environment temperature	15 to 35 °C
4.1.7	MOC	SS 304
4.1.8	Communication	Wireless
4.1.9	Type	Flame proof
4.1.10	Communication range	300 meter
4.1.11	Power	230VAC,12VDC,24VDC
4.1.12	Mounting	Wall mounting

## **5.0 : SAFETY**

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

S No	Description	Requirement
<b>5.1</b>	<b>Finishing</b>	<b>Mirror Finish, No sharp edges</b>

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



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### 6.0 : MISCELLANEOUS

#### DESCRIPTION

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

#### Miscellaneous:

- ❖ MOC certificate need to be provided. \*

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

### 7.0 : CLEANING TECHNIQUE

#### DESCRIPTION

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

Mode of machine cleaning	:	*
Use of Lubricants	:	*
All contact parts should be easily dismantled and cleanable.		
Easy washing and cleaning facility should be available		
Drain points: Vendor should specify the pipe size and location of drain points if required as per their system's drain requirement with pipe /nozzle size, valve etc. *		

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





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### 8.0 : MECHANICAL DETAILS

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

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

### 9.0 : LIST OF ANCILLARY / ACCESSORIES / OPTIONAL ITEMS

DESCRIPTION
( To be specified by the supplier, if any variation)
<b><u>Vendors should inform, provide details and consider scope of supply for the following:</u></b>
➤ Recommended Spares part list
➤ Essential Spares (For 1 year)
➤ If any items required but not included in URS, to be mentioned and submitted with unit rate



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and quantity \* (And it can be informed to client during pre-bid meeting or before PO/WO)

- Any other ancillary, or accessories or optional items not mentioned also to be quoted
- Details of Bought out components to be specified.

**\* 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 Filter Cleaning Booth 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
12.1	Design qualification	2 sets	
12.2	SAT/FAT procedures	2 sets	
12.3	All engineering drawings (GA drawings)	2 sets	
12.4	Warranty / Guarantee	2 sets	
12.5	Pre installation requirements	2 sets	
12.6	Installation requirements	2 sets	
12.7	Test Certificates of all material of construction	2 sets	



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### 13.0 : ABBREVIATION

14.1	URS	:	User Requirement Specification.
14.2	DQ	:	Design Qualification
14.3	SS	:	Stainless Steel
14.4	MOC	:	Material of Construction
14.5	cGMP	:	Current Goods Manufacturing Practices
14.6	O&M	:	Operation and Maintenance
14.7	GA	:	General Arrangement



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	SLD	:	Single Line Diagram
14.8	HOD	:	Head of Department
14.9	QA	:	Quality Analysis
14.10	MRP	:	Maximum Retail Price
14.11	NMT	:	Not more than

***Any other details, not mentioned in section 1.0 to 14.0, to be specified in the quotation/specification by the vendor.***