

(sponsored by government of Kerala & aided by govt. of India)

Office: Pathirappally, Alappuzha, Kerala, India - 688 521

Phone: 477 2258012 :477 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	:	Store and Production department
Equipment and Code No.	:	1) Supply of SS standard Weights.
Name of work	:	Supply SS standard Weights at M/s. HOMCO – Kerala.
Ref. No.	:	
Date	:	
Enclosures	:	
Qty.	:	As per below tabulation



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1.0 LIST OF WEIGHTS

S No	Weight	Class	Quantity
1.1	500 gm	F1	4
1.2	1 kg	F1	4
1.3	2 kg	F1	4
1.4	5 kgs	F1	4
1.5	10 Kg	F1	10
1.6	20 Kg	F1	20
1.7	1 mg to 200 g weight box – 23 nos	E2	3

2.0	:	PROCESS REQUIREMENT DETAIL
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(To be specified by the supplier, if any variation)

For calibration of the weighing balance used in production and stores.

3.0 : DESIGN	REQUIREMENT DETAIL
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Weights design & construction should be as per the international standard OIML.



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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
4.1.1	MOC	As per OIML standard
4.1.2	Handle	20 kgs weights need to be provided with handle or a lifting handle need to be provided.
4.1.3	Classification	As per the above table
4.1.4	Guarantees	<ul> <li>The supplier should guarantee the following:</li> <li>The balances should be guaranteed for trouble free operation for a period of 12 months from the date of successful supply.</li> <li>The supplier shall rectify, at their own expense, for any defects arising from defective materials or unsatisfactory performance of the weight, to the satisfaction of the purchaser.*</li> </ul>
4.1.5	Calibration certificate	Calibration certificate from Accredited NABL laboratory or RRSL need to be provided
4.1.6	Identification number	Unique identification number need to be engraved in the weights to shows its unique number.
4.1.7	Calibration certificate	Certificate validity should be for 2 years for E2 class weight box

<sup>\*</sup> To be specified and confirm by the supplier as per their equipment design

5.0

#### SAFETY & ELECTRICAL DETAILS

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

S No	Description	Requirement
5.1 safet	y:	
5.1.1	Safety	Matte / mirror finishing with smooth surface need to be provided.

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#### DESCRIPTION

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

#### Miscellaneous:

- All the Component Makes should match the Approved Makes list provided. \*
- Any deviation from this should be documented and communicated to HOMCO for approval before submitting tenders. \*
- All Calibration Certificates are to be produced during Installation of Machine, without which the Installation is deemed incomplete. All the Certificates should be Traceable to National / International Standards. \*
- ❖ The Validity of Calibration shall be minimum 12 months from the date of Installation. \*
- All the Signal Cables should be shielded to avoid interference. \*
- Complete Earthing of Equipment. \*
- Complete covering of Electrical Cables and Other Connections. \*
- All required spare kit need to be provided along with the supply.



<sup>\*</sup> To be specified and confirm by the supplier as per their equipment design



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6.0 : CLEANING TECHNIQUE

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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

7.0 : MECHANICAL DETAILS

DESCRIPTION			
(To be specified by the supplier, if any variation)			
Dimension (In mm)	:	Should be limited below are equal to as per the annexure 1 drawing *	
Net Weight (In Kgs.)	:	*	
Type of Packing	:	*	
Case Dimension (In mm)	:	*	
Gross Weight (In Kgs.)	:	*	
Foundation details if required	:	*	

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LIST OF ANCILLARY / ACCESSORIES / OPTIONAL ITEMS

#### **DESCRIPTION**

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

### Vendors should inform, provide details and consider scope of supply for the following:

Recommended Spares part list

8.0

- 2 years AMC quotation need to be provided with the balance.
- If any items required but not included in URS, to be mentioned and submitted with unit rate 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 above but required for successful operation should also to be informed in advance 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

#### 9.0 : TRAINING REQUIREMENT

- > Training to all concern of M/s. HOMCO, Kerala for the Installation, Operation, and Maintenance of weights 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.





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10.0 : DOCUMENTATION

Sr. No.	Document to be supplied	Qty	Remarks
12.1	Calibration certificates	2 sets	
12.2	Warranty / Guarantee	2 sets	
12.3	Pre installation requirements	2 sets	
12.4	Installation requirements	2 sets	
12.5	Test Certificates of all material of construction	2 sets	



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#### 11.0 **TERMS AND CONDITIONS**

Delivery Period	:	*	
Payment Terms	:	As mentioned in tender.	
Packaging and Forwarding	:	By Vendor	
Un-loading at site	:	By vendor /Supplier (If required, help for the arrangements of unloading can be done by client) Installation in position by the vendor under the client's <b>supervision</b>	
Excise / Taxes /GST	:	*	
Material for Trial arrangement	:	* (To be arranged by client)	
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	
The supplier should notify customer 2 weeks in advance of the beginning of FAT			
Catalogue, Equipment drawing, List of clients and year of establishment to be submitted alongwith quotation.			
Any other terms, not mentioned above, also to be specified.			

## \* To be specified by the supplier



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## 12.0 : ABBREVIATION

14.1	URS	•	User Requirement Specification.
14.2	DQ	•	Design Qualification
14.3	IQ	:	Installation Qualification
14.4	OQ	:	Operational Qualification
14.5	PQ	:	Performance Qualification
14.6	SS	:	Stainless Steel
14.7	RHS	:	Right Hand Side
14.8	MOC	:	Material of Construction
14.9	KW	:	Kilo Watt
14.10	HP	:	Horse Power
14.11	RPM	:	Rotation Per Minute
14.12	FLP	:	Flame Proof
14.13	cGMP	:	Current Goods Manufacturing Practices
14.14	O&M	:	Operation and Maintenance
14.15	GA	:	General Arrangement
14.16	SLD	:	Single Line Diagram
14.17	HOD	:	Head of Department
14.18	QA	:	Quality Analysis
14.19	MRP	:	Maximum Retail Price
14.20	NMT	:	Not more than
14.21	BPM	:	Bottles per minutes

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