

## **SPECIFICATION FOR AUTOMATIC DISH WASHING MACHINE**

**EQUIPMENT DESCRIPTION:** RACK TYPE DISH WASHING MACHINE WITH THREE STAGE WASHING, HOT AIR DRYING, PRE RINSE SPRAY UNIT, WASTE AIR EXHAUST PROVISION AND CONTROL UNIT HAVING PROVISION FOR AUTO AND MANUAL MODE OF OPERATION ALONG WITH DATA ACQUISITION SYSTEM WITH ALL STANDARD ACCESSORIES.

SL NO	DESCRIPTION	REMARKS / REQUIREMENT
<b>A</b>	<b>ESSENTIAL PARAMETERS</b>	
1.0	APPLICATION	SUITABLE FOR STAINLESS STEEL PLATES UPTO 350 MM DIAMETER, TUMBLERS & KATORIS, SPOONS, SMALL UTENSILS ETC.,
2.0	BASKET SIZE	500 x 500 mm
3.0	BASKET MOVEMENT RATE	100 - 150 Nos per hour
4.0	MATERIAL OF CONSTRUCTION	SS – 304
5.0	TYPE OF CONSTRUCTION FOR SIDE WALLS	Double walled and insulated
6.0	WASHING ARMS	Top, Bottom and Lateral Spray arms.
7.0	CLEAR ENTRY HEIGHT	Min. 350 mm
8.0	CONTACT TIME	Min. 2 minutes
<b>B</b>	<b>PARTICULARS TO BE PROVIDED BY BIDDERS</b>	
1.0	TEMPERATURE RANGE	
	PRE WASH	
	MAIN WASH	
	FINAL RINSE	
	HOT AIR DRYING	
2.0	DIMENSIONS OF THE MACHINE	
	OVERALL LENGTH	
	OVERALL HEIGHT	
	OVERALL WIDTH	
	DEPTH (WITH DOOR CLOSED)	
	USABLE PASS THROUGH WIDTH	
	WORKING HEIGHT	
3.0	WATER CIRCULATION PUMP CAPACITY FOR EACH OF THE STAGE	
4.0	HOT AIR DRIER – HEATING AND FAN CAPACITY	
5.0	WASTE AIR FAN CAPACITY	
6.0	POWER SUPPLY REQUIREMENT AND TOTAL CONNECTED LOAD IN KW	
7.0	DIMENSIONS AND CONSTRUCTION FEATURES OF THE BASKETS	
8.0	INLET WATER QUALITY	
9.0	METHOD OF DISCHARGE OF OUTLET WASTE WATER	
10.0	DETAILS OF THE DETERGENT / SANITIZING COMPONENT – MATERIAL SPECIFICATION, MAKE, AVAILABILITY, MSDS AND PROBABLE SUPPLIERS	
11.0	CONFORMANCE TO STANDARDS (Eg., DIN 10510 or any other)	

**NOTE :**

1. QUALIFYING REQUIREMENT :
  - a. The manufacturer and or the principles shall furnish client list for having supplied similar equipment wherein the equipment is working for a minimum of two years in the country.
  - b. The manufacturer / dealer shall have service centre backup and spares ware house in the country.
  - c. Bidders shall arrange for live demonstration of the equipment supplied by them in the country at the technical evaluation stage.
2. ACCEPTANCE CRITERION :
  - a. The machine meeting the essential parameters as detailed at A 1.0 – 8.0
  - b. Satisfactory performance of the machine wherein the output i.e., washed plates / tumblers / katoris etc., completely clean and dry.
3. WARRANTY : 24 months from the date of successful commissioning.
4. Two part bid system shall be followed i.e., Part – A : Techno-commercial bid, Part – B : Price bid
5. Cost of baskets and consumables shall be quoted separately.
6. Price bid evaluation will be done for the basic equipment only. Basket and consumables will not be included for price bid evaluation.