



भारतीय प्रौद्योगिकीसंस्थानमद्रासचेन्ने 600 036  
**INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036**  
भंडार एवं क्रय अनुभाग  
**STORES & PURCHASE SECTION**  
Email: adstores@iitm.ac.in  
दूरभाष: (044) 2257 8285 / 8286 / 8287 / 8288 फ़ैक्स: (044) 2257 8292  
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GSTIN: 33AAAAI3615G1Z6



**G. Chitrapavai**

**Deputy Registrar (Stores & Purchase)**

**Dated : 01.07.2019**

Ref. No. HOS/Industrial Washing Machine/19-20/01

**Due Date: 11.07.2019**

**Before 2.00pm**

1. Quotations are invited in two bid system for the item described overleaf. The offers/bids should be submitted as Technical bid and Financial bid separately. The Technical bid should consist of all technical details / specifications only. The Financial bid should indicate item price , it should contain all Commercial Terms and Conditions including Taxes, transportation, packing & forwarding, installation, guarantee, payment terms, pricing terms etc. The Technical bid and financial bid should be put in separate covers and sealed. Both the sealed covers should be put in a bigger cover. The words "Tender for Purchase of Industrial Washing Machine" should be written on the left side of the Outer bigger cover and sealed.
2. The quotations should be valid for sixty days from the due date and the period of delivery should also be clearly indicated.
3. The total cost of the equipment in terms of CIP Chennai should be clearly mentioned.
4. Terms of warranty and guarantee should be explicitly mentioned.
5. Packing and delivery charges should be clearly stated.
6. Goods shall not be supplied without an official supply order.
7. Service: Local agent should be available in and around Chennai to carry out the service.
8. Delivery: Within One Month from the date of issue of Purchase Order.
9. The taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for taxes will be admitted at any stage and on any ground whatsoever.
10. Payment: Payment is after delivery of goods. Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.
11. IIT Madras has the right to accept the whole or any part of the tender or portion of the quantity offered or reject it in full without assigning any reason.
12. Quotations will be accepted only from manufacturers. If the manufacturers are not in a position to quote, they may authorize dealers/distributors/resellers who may quote along with proof for authorization.

### Technical Specification

Specification	Title	Product Value
TYPE	Type of Machine	Washer
	Type of Usage of Machine	Industrial
	Number of Duty Cycles per day - Nominal	10
	Type of Mounting	"Rigid Mount (Grouting Required)"
	Drive Type	Belt Drive
	Number of Tubs/Containers/Drums	Single Container
	Container / Drum Position	Horizontal
	Type of Laundry Loading	Front Load
	Laundry Processing	Semi- Automatic
	Type of Heating	Steam Heating
	Provided with coin / currency operated Timer	No
	Material of Top Panel	Stainless Steel
	Material of side Panel	Stainless Steel
	WASHER	Washer System
Rated capacity of Washer (in kg)		30 Kg
"Washer Drum Volume		300 Liter
"Washer Drum Dia		500 millimeter
"Washer Drum Height / Length		900 millimeter
Material of the Washer Drum		Stainless Steel
"Number of Preset Wash Programmes		1
"Normal Washing and Rinsing Cycle time		40 minute
Provided with Automatic Detergent dispenser with liquid soap pump/dosing meter	YES	
GENERIC	"Electric Heating Power Rating"	15 KiloWatt
	Minimum Water inlet Pressure	3 bar
	Maximum allowed Hardness (CaCO3) of inlet water (ppm)	180
	"Steam Pressure"	0 bar
	Temperature Control / Selection	Yes
	Noise level	50 decibel
	Electrical Safety Provisions as per IS : 302 latest	Yes
	Net Weight	749 kilogram
	Overall Dimensions (mm x mm x mm)	1350X1500X1900
	Features / Functions Functions	Spin Only,Gentle Wash,Turbo Wash,Normal Wash,Hard Wash
	Other features, if any	-

	List of Items and Quantity of each item included in the offer	-
POWER SUPPLY	Power Supply	Three phase, 50 Hz
	Working Voltage	415 ± 10% V AC
	Number of Motors	1
	Power Rating of each motor (kW)	2.2 KW
INSTALLATION & COMMISSIONING / STC	Installation and Commissioning as per STC	Inclusive in the scope of Supply
	Agreed to the STC of the Product	YES
GUARANTEE / WARRANTY	Minimum Rated Life Cycles	4000
	Warranty on Equipment	Minimum 1 Year
	Warranty on Electric Motor (s)	Minimum 1 Year
CERTIFICATION	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove the Minimum Guaranteed Life Cycles, etc	Yes
	If Yes, Test Report to be furnished to the Buyer on demand	YES
	Test Report No and Date (Please mention)	-
	Name of the Lab and Address (Please mention)	-

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SEAL OF THE COMPANY WITH DATE**

**ANNEXURE – B**  
**TECHNICAL BID**

Specification	Title	Product Value	Comply YES/NO	Remarks
TYPE	Type of Machine	Washer		
	Type of Usage of Machine	Industrial		
	Number of Duty Cycles per day - Nominal	10		
	Type of Mounting	"Rigid Mount (Grouting Required)"		
	Drive Type	Belt Drive		
	Number of Tubs/Containers/Drums	Single Container		
	Container / Drum Position	Horizontal		
	Type of Laundry Loading	Front Load		
	Laundry Processing	Semi- Automatic		
	Type of Heating	Steam Heating		
	Provided with coin / currency operated Timer	No		
	Material of Top Panel	Stainless Steel		
	Material of side Panel	Stainless Steel		
WASHER	Washer System	Drum Type		
	Rated capacity of Washer (in kg)	30 Kg		
	"Washer Drum Volume	300 Liter		
	"Washer Drum Dia	500 millimeter		
	"Washer Drum Height / Length	900 millimeter		
	Material of the Washer Drum	Stainless Steel		
	"Number of Preset Wash Programmes	1		
	"Normal Washing and Rinsing Cycle time	40 minute		
	Provided with Automatic Detergent dispenser with liquid soap pump/dosing meter	YES		
GENERIC	"Electric Heating Power Rating"	15 KiloWatt		
	Minimum Water inlet Pressure	3 bar		
	Maximum allowed Hardness (CaCO3) of inlet water (ppm)	180		
	"Steam Pressure"	0 bar		
	Temperature Control / Selection	Yes		

	Noise level	50 decibel		
	Electrical Safety Provisions as per IS : 302 latest	Yes		
	Net Weight	749 kilogram		
	Overall Dimensions (mm x mm x mm)	1350X1500X1900		
	Features / Functions Functions	Spin Only,Gentle Wash,Turbo Wash,Normal Wash,Hard Wash		
	Other features, if any	-		
	List of Items and Quantity of each item included in the offer	-		
POWER SUPPLY	Power Supply	Three phase, 50 Hz		
	Working Voltage	415 ± 10% V AC		
	Number of Motors	1		
	Power Rating of each motor (kW)	2.2 KW		
INSTALLATION & COMMISSIONING / STC	Installation and Commissioning as per STC	Inclusive in the scope of Supply		
	Agreed to the STC of the Product	YES		
GUARANTEE / WARRANTY	Minimum Rated Life Cycles	4000		
	Warranty on Equipment	Minimum 1 Year		
	Warranty on Electric Motor (s)	Minimum 1 Year		
CERTIFICATION	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove the Minimum Guaranteed Life Cycles, etc	Yes		
	If Yes, Test Report to be furnished to the Buyer on demand	YES		
	Test Report No and Date (Please mention)	-		
	Name of the Lab and Address (Please mention)	-		

- Brochures should be attached

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**ANNEXURE -C**  
**PRICE BID**

<b>Sl.No</b>	<b>Description</b>	<b>Quantity</b>	<b>Amount (in Rs.)</b>
1.	Industrial Washing Machine	1 No.	
<b>Installation/Delivery/Packing and Forwarding Charges</b>			
<b>Sub -Total</b>			
<b>Taxes extra, If any</b>			
<b>Grand Total (Amount in Figures)</b>			
<b>Total in Words</b>			

- Guarantee/ Warranty should be mentioned clearly.
- Payment terms should be mentioned clearly.

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