



Running Contract Details	
Equipment Name	Hot air over (Higher end)
Running Contract Valid Till	07-01-2021
Tender Ref No	KMSCL/EP/T288/56D/2018(R)
Tendered Quantity	31
Supplier Name	M/s Universal Agencies
GST No	32AAAFU5662Q1ZQ
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
Palakkal Angadi Thrissur-680001	Contact Person	Mr. Renjith Menon, Mr.Manoj kumar
	Phone	0487-2440319, 0487-2427031
	Mobile No	9072844272, 9447053244
	Email	uniage.sales@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Hot air over (Higher end) <i>Model & Make : UF75 / MEMMERT GMBH + CO KG.</i>	229510 Incl.GST :18%	16065.7	245575.7
		229510	16065.7	245575.7

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Hot air over (Higher end)							
Labour	4,500.00	4,500.00	4,500.00	4,500.00	4,500.00	4,500.00	4,500.00
Comprehensive	9,000.00	9,000.00	9,000.00	10,000.00	11,000.00	11,000.00	11,000.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender

document).

2. The supplier shall submit performance security amounting to 5% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Hot air oven (Higher end)

Sl.No Specifications Details

1. Temperature range

The temperature range should be ambient + 5°C to 300°C with $\pm 1^\circ\text{C}$ increments and accuracy.

2.Temperature stability

The temperature stability/variation in time should be $< 0.5^\circ\text{C}$ or better and temp. uniformity should be $< 2.5^\circ\text{C}$ or better

3.LED Display

Microprocessor based control with LED digital display for time and temperature.

4.Control accuracy

The controller should have indication/setting a accuracy of $\pm 0.5^\circ\text{C}$ or better

5.External housing

The chamber external housing should be made of corrosion resistant textured SS or powder coated SS.

6.Display

The controller should display the temperature in either $^\circ\text{C}$ or $^\circ\text{F}$ when required.

7. Internal Volume The internal chamber volume should be $> 70\text{ L}$

8.Interior

Interior SS with perforated SS shelves, and should be easy to clean

9.Adjustable grids

The unit should be fitted with minimum 2 numbers of flexible/adjustable SS grids and there should facility to accommodate four or more grids/shelves.

10.Heating elements

The heating elements should be located on all four sides to ensure temp. homogeneity inside the oven

11.Circulating fan

Natural and Forced air convection with selectable fan speed from 0-100%.

12.Fresh air adjustment

There should be provision for adjusting the fresh air intake by electronically adjusted by air flap and the fresh air should be pre-heated before it enters inside the oven to ensure that there is no sudden drop in temperature.

13.Temperature limiter

The unit should be equipped with mechanical temperature limiter protection class1 to protect the oven from overheating in case of failure of the controller.

14.Electronics over temperature adjust The unit should be equipped with adjustable electronics over temp. Protection control, with visible and audible alarms.

15.Sensor type

The unit should have one number PT100 sensor for measuring temperature.

16.Ring memory

The controller should have internal data logger/ring memory capable of storing the test data for preferably 8 years or more.

17.Program controller

It should be possible to program on the controller and there should be a feature which ensures that the hold time does not start unless the desired set temperature is reached.

18.Recalibration facility The controller should have facility to be recalibrated without connecting to an external PC.

19.Compliance

Must have CE/ Equivalent Compliance.

20. Calibration probe There should have facility for inserting calibration probe.

21.Calibration certificate

The unit shall be equipped with standard factory calibration certificate.

22.Voltage

The unit should be able to work with 230V \pm 10%, 50Hz supply.

23.ISO9001 certification

The manufacturer must have a management system certified to ISO9001.

24.Training

The operational training shall be given at the time of Installation.

25.Packaging details

The packing data and weight details shall be provided along with the offer.