



Running Contract Details	
Equipment Name	Muffle furnace automatic
Running Contract Valid Till	12-12-2020
Tender Ref No	KMSCL/EP/T288/664/2018(R)
Tendered Quantity	18
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	<b>Muffle furnace automatic</b> <i>Model &amp; Make : MF5-12G / BIOBASE BIODUSTRY (SHANDONG) CO.,LTD</i>	205320 Incl.GST :18%	14372.4	219692.4
		<b>205320</b>	<b>14372.4</b>	<b>219692.4</b>

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>Muffle furnace automatic</b>							
Labour	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
Comprehen sive	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00

**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 :Muffle furnace automatic**

Should have imported, high density, ceramic fiber chamber

2. Should have PID2 digital screen controller or programmable controller
3. Controller should have the function of timing and over- temperature protection
4. Should have dual ceramic inner chamber, hollow heat insulation and good ventilation ensure that outer shell is not hot and inner shell can cool down quickly.
5. Should be equipped with cooling fan to ensure the cooling rate up to 5C/min
6. Should have hearth dimension : 300x200x120mm
7. Should have rated temperature (degC):1200 degC
8. Should have temperature controlled instrument : PLC control system
9. Should have temperature control accuracy +/-1degC
10. Should have the Heating Rate:15degC/Min
11. Heating element: Aludirome heater strip
12. Should have power supply single phase AC 220V
13. The Equipment should be supplied with NIST traceable calibration certificate .The Equipment shall be calibrated yearly once in the warranty period and shall provide NIST traceable 3 point calibration certificate. The CAMC rate offered shall also include NIST traceable calibration certificate once in a year.
14. Should have external size 680x520x660mm approx
15. The supplier should ensure same reading of temperature in the digital display of the equipment and the device used for calibration.
16. Should have provision to insert thermocouple to measure the internal temperature.