



Running Contract Details	
Equipment Name	Oxygen Generator System
Running Contract Valid Till	20-06-2021
Tender Ref No	KMSCL/EP/T308/1374/2019
Tendered Quantity	15
Supplier Name	M/s Airox Technologies Pvt Ltd
GST No	27AAKCA9891Q1ZI
Installation & Delivery Period	15 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
2nd Floor - Shinde Avenue Sawarkar Chowk Samarthnagar Aurangabad - 431001	Contact Person	AJEET SINHA
	Phone	
	Mobile No	9168666037, 9958579076
	Email	sam@airoxtechnologies.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Oxygen Generator System</b> <i>Model &amp; Make : AS-J / Airsep</i>	3740000.32 Incl.GST :12%	275825.02	4015825.34
		<b>3740000.32</b>	<b>275825.02</b>	<b>4015825.34</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>Oxygen Generator System</b>							
Labour	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comprehensive	2,25,000.00	2,36,250.00	2,48,063.00	2,60,466.00	2,73,489.00	2,87,163.00	3,01,522.00

**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 :Oxygen Generator System**

1. Purity : Ranging between 90-96%
2. Flow : Max 200 LPM
3. Minimum outlet pressure at all time : 61 PSI or 4.2 Bar
4. Air tank: 500 Ltr – 2 nos
5. Oxygen tank : 500 Ltr – 2 nos
6. PPM Levels of other gases :
  - a) CO<sub>2</sub> - <300 ppm
  - b) CO - < 5 ppm
  - c) Nox - <2 ppm
  - d) SO<sub>2</sub> - < 1 ppm
  - e) H<sub>2</sub>O - <67 ppm
  - f) Oil - < 0.01 mg/m<sup>3</sup>
7. Size of each compressor < 18 KW , compressed air flow >160 m<sup>3</sup>/hr
8. Modular rotary screw compressor (Two in number) with refrigeration dryer and air receiver. Compressor and dryer – two in number each
9. 1 monitoring system CPU controller with digital screen.
10. 1 air inlet filter.
11. 1 oxygen outlet filter
12. In-built electrochemical oxygen analyser.
13. Should provide suitable capacity UPS for generator with minimum 30 minutes.
14. Bacterial filter, Line filters
15. The compressor should provide feed air matching of ISO 8573 quality class 1.4.1. The certificate for the same should be produced

in the time off demonstration.

16. The class of air has low dew point of 35 degree Fahrenheit

17. 99% of water particle need to be removed through eco drain mechanism or equivalent technology

18. Fully automatic change over system should be provided for pressure, purity, and power failure. Audio visual alarm for Oxygen cylinder empty.

19. CE certificate issued by a notified body registered under European Commission/ ASME certificate for all the systems/ components/ products of the Oxygen Generator System. Copy of the certificate should be provided

20. The replacement of Zeolites should be included in the warranty as well as CAMC

21. The generator room will have been provided with Oxygen outlet. The connection from to the machine to generator should be done by the bidder.

22. The bidder shall provide the ducting for the compressor