



Running Contract Details	
Equipment Name	Ventilator Analyzer
Running Contract Valid Till	12-09-2019
Tender Ref No	KMSCL/EP/T231/966/2017(R)
Tendered Quantity	4
Supplier Name	M/s Helix Corporation
GST No	29AAWPN2120L1Z8
Model & Make	VT Mobile / FLuke Biomedical
Unit rate (Rs)	5,04,000.00
CGST 0.00%	0.00
SGST 0.00%	0.00
IGST 18.00%	90,720.00
Total Cost(Exl.KMSCL S.C) Rs.	5,94,720.00
Flood Cess (1%) Rs.	5,040.00
Service Charges 7% + GST 18%	41,630.40 (Applicable for purchase through KMSCL only)
Total Cost(Incl. KMSCL S.C) Rs.	6,41,390.40
Installation & Delivery Period	6 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
878 / 9th B Main 17th Cross - ISRO Layout Bangalore - 560078 Karnataka	Contact Person	
	Phone	
	Mobile No	
	Email	dinesh@helixindia.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Ventilator Analyzer	599760	41630.4	641390.4
		599760	41630.4	641390.4

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
Ventilator Analyzer							
Labour	5,428.00	6,134.00	6,405.04	6,655.00	7,029.00	7,424.00	8,027.00
Comprehensive	76,700.00	90,506.00	99,327.00	1,06,498.00	1,19,299.00	1,36,350.00	1,58,510.00

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 :Ventilator Analyzer

1. Should be a standalone analyzer, portable for testing ventilators on site.
2. Should be able to test the performance of ventilators (all modes – adult, paediatric and neonatal) and anesthesia units.
3. Should be able to analyze following gases – Air, Nitrogen, Nitrous Oxide, Carbon Dioxide & Oxygen.
4. Should be able to measure a peak flow of up to 200lpm.
5. The device should have the ability to measure the commonly monitored ventilator parameters and should mandatorily include the following –
 - a) Airway pressure.
 - b) Oxygen Concentration.
 - c) Inspiratory Tidal Volume.
 - d) Expiratory Tidal Volume.
 - e) Breath rate.
 - f) Peak Inspiratory pressure.
 - g) Inspiratory Pause pressure
 - h) Positive End Expiratory Pressure (PEEP)

i) Peak Inspiratory Flow

j) Peak Expiratory Flow

k) I:E ratio

l) Inspiratory Time

m) Expiratory Time

(The range and accuracy of each parameter may be specifically mentioned)

6. The list of additional parameters that can be measured with the analyser may be specifically outlined along with range and accuracy of each parameter.

7. The analyser should have an LCD display to display the parameters

8. The analyser should have options for interfacing with PC

9. The machine should operate on mains supply (230V, 50Hz) as well as on battery.

10. Should have Carrying Case for the simulator.

11. Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission / FDA (US)/ STQC CB Certificate/ STQC S Certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate/ test report shall be produced along with the technical bid.

12. Accessories

a. All standard accessories with connectors, cables required for routine use of the analyser (minimum quantity – 1 set) shall be supplied.

b. Adult test lung -1

c. Infant test lung -1

d. User manual (Hard copy) -1