



Running Contract Details	
Equipment Name	Neonatal Transport Incubator with Ventilator
Running Contract Valid Till	29-09-2024
Tender Ref No	KMSCL/EP/T446/1466/2022
Tendered Quantity	10
Supplier Name	M/s Arkon Medical Systems
GST No	32AAYFA0330M1ZF
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	
No 33/2255C - Sreekala Bylane Near Ernakulam Medical Centre Vennala P.O Cochin - 682 026	Contact Person	Pothen John
	Phone	
	Mobile No	8138021100
	Email	info@arkonmedicalsyste.ms.com, info@arkonmedicalsyste.ms.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Neonatal Transport Incubator with Ventilator <i>Model & Make : IT 158TS with TV100 / Fanem LTD</i>	1836759.99 Incl.GST :12%	135461.05	1972221.04
		1836759.99	135461.05	1972221.04

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
Neonatal Transport Incubator with Ventilator							
Labour	33,960.00	35,658.00	37,440.90	39,312.95	41,278.59	45,509.65	1,35,840.00
Comprehensive	1,35,840.00	1,42,632.00	1,49,763.60	1,57,251.78	1,65,114.37	1,73,370.08	1,82,038.59

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 5.00% 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 :Neonatal Transport Incubator with Ventilator

1. Should have double walled transparent hood and body
2. Should have access ports with elbow operated flip doors and lock clips, tubing access ports, iris ports for ventilator tunings
3. Should have baby tray with reusable mattress
4. Temperature range: 34 to 37° C(patient temperature) 34 to 37°C (Air set mode)
5. Accuracy: +/-0.2°C, resolution: 0.1° C
6. Accuracy of probe interchangeability : +/-0.2°C
7. Temperature probe: Thermistor based interchangeable probe
8. Alarms: Audio visual
 - i. High & low temperature
 - ii. Power failure
 - iii. Battery low
 - iv. Probe failure
 - v. Fan failure
9. Power supply –
 - a. Should work on 120-240V A/C
 - b. External DC back up
 - c. And- Internal battery back up
10. Should have internal back battery (minimum 3 hr backup) with inbuilt charger
11. Should have suction unit
12. Should have soft touch keys to set desired parameters
13. Should have microprocessor- based servo temperature control system

14. Should have forced air circulation system with air filters
15. Safety cut off at 38 degree skin or 39 degree air temperature
16. Should have heart rate and oxygen saturation monitoring with LED display with audio visual
17. Alarms for low heart rate, oxygen saturation and probe failure
18. Should have inbuilt neonatal ventilator –
 - a. Should have minimum CPAP and IMV modes PEEP 0-10 cm H₂O; FiO₂ adjustable from 21%-100%; PIP 15-35 cm H₂O; rate 30-80/’
 - b. Should have wall gas/ cylinder input facilities for oxygen
19. Should have facilities for humidification
20. Should have oxygen analyser with display of oxygen concentration
21. Should have syringe pump mounted on stand
22. Should have head up facilities
23. Size-around 100cm (length) x 55cm (width) x 60 cm (height) weight~ 60-80 kg
24. Should have a transport trolley which is flexible and height adjustable
25. Should be compatible with ambient temperature (15-50 degree C) and humidity (15-95%) of kerala
26. Should be compatible with power supply of 200-250 V A/C; 50/60 Hz
27. Accessories :-
 - a. Reusable ventilator tubing – 2
 - b. Disposable ventilator tubing- 5
 - c. Reusable skin temperature probes - 5
 - d. Reusable saturation probes – 5
 - e. Reusable mattress – 1
 - f. FiO₂ Monitor -1
28. 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.