



Running Contract Details	
Equipment Name	Syringe pump
Running Contract Valid Till	07-11-2020
Tender Ref No	KMSCL/EP/T275/121/2018
Tendered Quantity	500
Supplier Name	M/s S AND T Engineers (P) Ltd
GST No	33AANCS4209B2ZO
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	2 Years

Supplier`s Details		
Address	Contact Details	
22 Vasanth Nagar Trichy Road Singanallur	Contact Person	Ravi.B
	Phone	04222597704
	Mobile No	9655110059
	Email	ravi.b@stengineers.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Syringe pump <i>Model & Make : HK 400 / Shenzhen Hawk Medical Instrument co Ltd</i>	23520 Incl.GST :12%	1734.6	25254.6
		23520	1734.6	25254.6

Annual / Comprehensive Maintenance Charges (Exl.Tax)				
Rate	3 rd Year	4 th Year	5 th Year	
Syringe pump				
Labour	500.00	500.00	500.00	
Comprehensive	700.00	700.00	700.00	

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 :Syringe pump

1. Should be easy to use and nurse friendly with drug library and dose calculation.
2. Should have automatic syringe size and model detection.
3. Should have large format LCD/TFT Display.
4. Should have a minimum flow rate range from 0.1-1200 ml/hr for 50ml syringe, 0.1-100 ml/hr for 20ml syringe and 0.1-60ml for 10ml syringe.
5. Syringe range from (5 – 60) ml.
6. Should have a flow rate accuracy of $\pm 2\%$.
7. Should have a bolus rate up to 1000 ml/hr for 50ml syringe.
8. Should have automatic and manual bolus.
9. Should have atleast 3 levels of programmable occlusion pressure.
10. Should have automatic bolus reduction system to avoid accidental bolus delivery after occlusion incident.
11. Should have a rechargeable Lithium ion battery with backup time of minimum 4 hours.
12. Pump must trigger following alarms with visual indication:-
 - i. Occlusion pressure alarm
 - ii. KVO or 3 min pre-alarm
 - iii. Syringe empty and volume infused alarm.
 - iv. Internal malfunction and battery charge low alarm
 - v. Syringe disengaged and incorrectly placed alarm
 - vi. Alarm loudness control
 - vii. No mains
13. Should work with input 200 to 240V AC 50Hz supply

14. 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