



Running Contract Details	
Equipment Name	Defibrillator analyser
Running Contract Valid Till	18-03-2026
Tender Ref No	KMSCL/EP/T519(R)/1204/2023
Tendered Quantity	4
Supplier Name	M/s Helix Corporation
GST No	29AAWPN2120L1Z8
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	
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	Defibrillator analyser <i>Model & Make : IMPULSE6000D/Fluke biomedical</i>	590000 Incl.GST :18%	41300	631300
		590000	41300	631300

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
Defibrillator analyser							
Labour	12,000.00	12,000.00	14,000.00	14,000.00	16,000.00	16,000.00	18,000.00
Comprehensive	50,000.00	50,000.00	55,000.00	55,000.00	60,000.00	60,000.00	70,000.00

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 5.00% 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 :Defibrillator analyser

1. The device should be compatible with all type of defibrillator and AED checks and troubleshooting
2. The device should be portable and rugged suitable for onsite testing.
3. The device should have an inbuilt battery which shall provide adequate backup for onsite testing
4. The device should be compatible with all type of defibrillator waveforms Low n , Edmark, trapezoidal, biphasic and monophasic pulsed-biphasic defibrillation technology compatibility
5. The device should have inbuilt paddle (Not external paddle to connect) for easy testing.
6. The device should be stimulate 12-lead stimulation; RA, LL, LA, RL, V1-6 with independent outputs; Lead to lead impedance: 1000 Ω , (nominal).
7. The device should have a non-inductive test load of 50 Ω , built in the unit.
8. The device should measure following functions
 - a. Energy discharge
 - b. Charge time
 - c. Cardiac synchronisation
9. Energy range measurement: 0.1J to 600J, Accuracy 0.1j to 360J \pm (1 % of reading +0.1J) 360 J to 600J: \pm (1% of reading +0.1 J)
10. Synchronisation test(electro cardio version) : Range -120 ms to 380 ms, accuracy: \pm 1ms
11. Charge time range : 0.1sto 100s and accuracy \pm 0.05s, typical
12. ECG range : 10 BPM to 300 BPM in 1 BPM steps and accuracy \pm 1% nominal
13. ECG amplitude range : 0.05mV to 0.45mV by 0.05mV steps and 0.5 mV to 5 mV by 0.5mV steps and accuracy Lead -II \pm 2%
14. The device should be able to simulate 25 plus arrhythmia selections
15. Equipment should be CE or FDA approved
16. Should comply with safety standards
 - a. CE: ICE/EN61010-1 2nd Edition; Pollution degree 2 CAN/CSA-C22.2 No61010-1; UL61010-1 C-Tick: Australian EMC
 - b. Electromagnetic compatibility standards (EMC) European EMC: EN61326-1
17. The device should have option for BNC connector for viewing ECG graph
18. The device should be simulate performance waves : square waves 2Hz and 0.125Hz triangular wave 2 Hz and 2.5 Hz sine waves 0.05, 0.5, 5, 10, 40, 50, 60, 100, and 200Hz pulse 30 BPM and 60 BPM, 60 mspulse width

Note:

1. If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid
2. Warranty exclusions if any shall be discussed at the time of prebid meeting else the tender condition as per clause 6.31.20 shall prevail