KERALA MEDICAL SERVICES CORPORATION LTD
(A Government of Kerala Undertaking)
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CIN: U24233KL200TSGC021616, PAN : AADCK4029M, GSTIN : 32AADCK4029M1ZK

Running Contract Details	
Equipment Name	Robotic Transcranial Doppler
Running Contract Valid Till	30-06-2026
Tender Ref No	KMSCL/EP/T489(R)/800B/2023
Tendered Quantity	4
Supplier Name	M/s Axis Health Care
GST No	32AAQFA7508K1Z9
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**	
TC No. 2/3031/7 Shop No.G6 Dally's Apartments Chalakuzhy Rd Trivandrum -695004	Contact Person	Anil Kumar T V
	Phone	0471-2552806
	Mobile No	9947425200
	Email	axishealthcare@mail.com

Item-wise Price Details

#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Robotic Transcranial Doppler *Model & Make : DOLPHIN/XF/VIASONIX*	2492000 Incl.GST :12%	183785	2675785
2	Probe 2 MHZ (For future purchase)	134400 Incl.GST :12%	9912	144312
3	Probe 4 MHZ (For future purchase)	134400 Incl.GST :12%	9912	144312
		2760800	**203609**	**2964409**

Annual / Comprehensive Maintenance Charges (Exl.Tax)

Rate	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year
Robotic Transcranial Doppler							
Labour	46,000.00	46,000.00	46,000.00	50,000.00	50,000.00	50,000.00	50,000.00
Comprehensive	1,40,000.00	1,40,000.00	1,40,000.00	1,50,000.00	1,50,000.00	1,50,000.00	1,60,000.00

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 :Robotic Transcranial Doppler

1. Digital Trans-cranial Doppler capable of doing Intracranial, Extracranial & peripheral Monitoring
2. Should have software & hardware for Bilateral intra-cranial Monitoring.
3. Should be supplied with 2 MHz diagnostic probe for routine studies
4. Should have a 2MHz bilateral robotic headset that allows to automatically scan the temporal window and automatically detect the optimal velocity signal.
5. The robotic headset must be a closed loop control that allows accuracy and repeatability in probe movements, and not an open loop control.
6. Should have the ability to simultaneously control, scan, and move both sides of the bilateral robotic headset.
7. Should have the robotic headset scan to have 3 different depth scanning options: at the main depth, around the main depth with a configurable tolerance, or across all depths.
8. Should have a special Search and Locate Mode for the robotic headset, to allow to search and locate the temporal window probe position without user software interaction.
9. Should have a special display for the robotic headset that updates in real time during the robotic scan to identify and display forward and reverse blood flows.
10. Should have the option for the robotic headset, to click on a location on the to move the probe to the new target location.
11. Should have for the robotic headset 2 different scan options: a high resolution scan and a quick scan that allows shorter scan duration.
12. Should have for the robotic headset scan a special display of the accumulated m-mode, and ability to scroll the depths over this display to view specific depths in the display.
13. Should be supplied with 4 Mhz probe for extra cranial monitoring
14. Should be supplied with high quality headframe for bilateral monitoring.
15. The system should be supplied with latest All in one PC with licensed Windows inbuilt OS, Intel i5 processor, 1TB HDD & 16 GB RAM and Minimum 19” HD Monitor.
16. TCD hardware module should connects to the computer with USB/LAN
17. TCD hardware should have provision for connecting all 1.6 MHz, 2 MHz , 4 MHz, 8 MHz and 16 MHz Doppler probes
18. should have color M mode with multi depth display.
19. Systems should have Unlimited user defined examination protocols.
20. Should have software package and different protocols for Breath Holding, Vasomotor Reactivity, Sickle Cell Disease, Vasospasm, Cognitive study and PFO.
21. Should have advanced emboli/Hits detection software.
22. HITS detection software should have advanced analysis tools for Manual analysis to differentiate HITS & artifacts.
23. There should be a comparison study possible for both sickle cell and vasospasm software with old studies of same patients.
24. The left right comparison of selected blood vessels should be available in the report with Bar Graph.
25. System should have DICOM support with inbuilt software.
26. System should have review station possibility to connect unlimited Computers connected in network to the main system and post data processing should be possible
27. System should supports changing the Depth after freeze or during replay and review the spectrum at any depth
28. System should supports changing the spectra Gain, scale, sample volume & filter offline after freeze

29. System should supports displaying the M-Mode above, below, to the right or to the left of the Doppler spectrum
30. Should have summary screen which displays all studies performed on a patient on a single screen
31. Should have facility of storing the waveforms of complete spectrum with audio digitally and replaying with audio the complete study as saved.
32. The system should have database with high performance and highly reliable management methods
33. The system should support adding as many measurements as required for the same blood vessel at different depths offline.
34. The System should allow advanced velocity profile analysis.
35. Should be provided with a dedicated infra-red wireless remote control
36. The System should be supplied with a high-quality mobile trolley
37. The trolley should be a single pole trolley with height adjustable using Gas spring useful for ICU studies.
38. Should be supplied with color printer
39. System must have FDA approved.
40. System should have excellent signal quality (demo is required.)
41. An extra laptop with software should be supplied for portable use along with TCD module.

II. Specification for laptop

a. Licensed Windows inbuilt OS,
b. Intel i5 processor
c. 1TB HDD
d. 16 GB RAM
e. Minimum 14” HD Monitor.

Note: 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