

Running Contract Details	
Equipment Name	Echo Machine - Paediatric & Neonatal
Running Contract Valid Till	09-10-2025
Tender Ref No	KMSCL/EP/T460/1076D/2022
Tendered Quantity	15
Supplier Name	M/s Anamdev Engineers
GST No	32ABKPG3145P1ZJ
Installation & Delivery Period	12 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
1st Floor Vrindavan Door No. 43/1606 B North Railway Station Road Ernakulam Cochin-682018	Contact Person	Mr. Jayakumar
	Phone	
	Mobile No	9847049686
	Email	mail@anamdev.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Echo Machine - Paediatric & Neonatal <i>Model &amp; Make : Affiniti 50 / Philips</i>	2744000 Incl.GST :12%	202370	2946370
2	<b>3-8 MHz Broadband Paediatric Echo Transducer for Paediatric and Small Adult Cardiology Imaging</b>	321440 Incl.GST :12%	23706.2	345146.2
3	<b>12 MHz Broadband Neonatal Echo Transducer for Neonates</b>	351680 Incl.GST :12%	25936.4	377616.4
4	<b>Neonatal TEE Transducer</b>	2027200 Incl.GST :12%	149506	2176706
		<b>5444320</b>	<b>401518.6</b>	<b>5845838.6</b>

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>Echo Machine - Paediatric &amp; Neonatal</b>							
Labour	85,000.00	89,250.00	93,713.00	98,398.00	1,03,318.00	1,08,484.00	1,13,908.00

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Comprehensive	5,50,000.00	5,77,500.00	6,06,375.00	6,36,694.00	6,68,528.00	7,01,955.00	7,37,053.00

### **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 :Echo Machine - Paediatric & Neonatal**

1. The system should be state of the art with the facility of 2D, M-Mode, PW, TDI, CW Doppler, Power Doppler, directional power angio, Adult, Ped Echo, TEE probe.
2. System should have a minimum of 20,00000 digital processing channels.
3. System should have dynamic range of 220 dB or more
4. System should be offered with a 21 inch or more High Resolution Flat Panel Medical grade Display monitor and 8 '' or more inbuilt touch panel
5. System should have at-least four universal active probe ports with electronic switching facility from key board without probe adapter.
6. Operating modes B-mode,M-Mode, B/M Mode, Doppler Mode, Color flow, Power Doppler, DCA/DPA, Contrast Imaging, B/Color flow, PW Doppler.
7. Probes should be of broad band type
8. B mode & color-flow images should be simultaneously available side by side in real time. Digital zoom facility for region of interest in real time and frozen images.
9. Image storage facility on in build hard disc or MOD/CD/DVDRW facility should be available. In built hard disk with minimum capacity of 500 GB or more. System should have extensive image management capability including thumb nail review, Cineloop editing etc
10. Cine loop as well as cine scroll facility in B mode with storage of 10,000 or more images should be available.
11. Should have Real Time Compound Imaging Technology with Multiple transmitted lines of sigh.
12. Should be offered with Speckle Reduction Imaging, panoramic imaging should be available
13. Advanced measurements & calculation package for Adult Cardiac, Ped cardiac, abdominal, and vascular applications should be available.
14. System should be capable of scanning upto depth of 30cm or more.
15. System should be offered with a 2D frame rate of at least 1900 frames/second.
16. System should have THI & should be able to work in combined mode of harmonic imaging and real time compound imaging to get excellent image quality. The system should offer Tissue Harmonic Imaging in Power Doppler imaging mode for improved sensitivity,
17. The system should be DICOM 3.0 (or higher version) ready (like send, receive, print, record on CD/DVD, acknowledge etc.) for connectivity to any network, PC/computer etc. in DICOM format. Vendor will connect the machine to existing PACS and to local other laser cameras without additional cost
18. The system should be able to perform advanced quantification measurements like strain & Strain rate quantification.
19. System Should Be Offered With The Following Transducers

- a. 3 - 8 MHz Broadband paediatric echo transducer for paediatric and small adult cardiology imaging with foot print of less than 16 mm.
- b. 12 MHz Broadband neonatal echo transducer for neonates with foot print less than 10 mm
- c. Should be upgradable with compatibility for paediatric/ neonatal TEE transducer