KERALA MEDICAL SERVICES CORPORATION LTD
(A Government of Kerala Undertaking)
Thycaud P.O, Thiruvananthapuram - 14, Kerala.
Tel: 0471 - 2945600, 2337353, Fax: 0471 - 2945647
Email :engg_ep@kmscl.kerala.gov.in
CIN: U24233KL200TSGC021616, PAN : AADCK4029M, GSTIN : 32AADCK4029M1ZK

Running Contract Details	
Equipment Name	Ultrasound Color Doppler Portable Type D
Running Contract Valid Till	29-01-2025
Tender Ref No	KMSCL/EP/T479(R)/131D/2022
Tendered Quantity	20
Supplier Name	M/s Esaote India (NS) Limited
GST No	33AAACE7569H2ZI
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**	
AI/A1 - Anugraha - 41 Nungambakkam High Road Chennai - 600 034	Contact Person	Mr. V. Sukumar, Krishnamurty durairaj
	Phone	04442076956
	Mobile No	9840078872
	Email	esaote.chn@esaoteindia.com

Item-wise Price Details

#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	**Ultrasound Color Doppler Portable Type D** *Model & Make : Mylab OMEGA/ Esaote SPA Italy*	1195000.24 Incl.GST :12%	88131.27	1283131.51
2	**6-13 MHz Linear probe paediatric**	199999.52 Incl.GST :12%	14749.96	214749.48
3	**4-8 MHz phased array probe paediatric**	199999.52 Incl.GST :12%	14749.96	214749.48
4	**6-13 MHz hockeystick probe**	299999.84 Incl.GST :12%	22124.99	322124.83
5	**Adult convex probe (2-5 MHZ)**	249999.68 Incl.GST :12%	18437.48	268437.16
6	**Phased array sector probe (2-4 MHz)**	350000 Incl.GST :12%	25812.5	375812.5
7	**Trans-vaginal Probe (4-9MHz)**	324999.92 Incl.GST :12%	23968.74	348968.66

Item-wise Price Details							
8	**Adult linear array 6-12 MHZ transducer**			249999.68 Incl.GST :12%		18437.48	268437.16
				3069998.4		**226412.38**	**3296410.78**

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	**4th Year**	**5th Year**	**6th Year**	**7th Year**	**8th Year**	**9th Year**	**10th Year**
Ultrasound Color Doppler Portable Type D							
Labour	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00
Comprehensive	1,14,000.00	1,14,000.00	1,14,000.00	1,14,000.00	1,14,000.00	1,14,000.00	1,14,000.00

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 :Ultrasound Color Doppler Portable Type D

1. **A state of art fully digital, compact Colour Doppler Ultrasound machine is required with pinless connector technology and following technical features with safety mobility stand**.

1. Should have at least 15 inch high resolution LCD Screen display or more with flicker free image
2. The system must have the ability to function by rechargeable or AC power adapter lithium-ion battery, 100-240VAC, 50/60HZ input, 15VDC output
3. Should have on-screen instructions for manual free operation.
4. Should have screensaver state and power conservation
5. Should be able to easy access the system menus
6. Should be able to easy review during live scanning
7. Report must be editable and should have print preview facility
8. Should have patient data access control
9. Should be able to use for the application like point of care in PICU, Pediatric cardiology- functional and structural echocardiography, Lung ultrasound and vascular imaging for cannulation (central and peripheral)
10. Should have Electronic convex, Electronic linear with slant scanning and trapezoid and electronic sector scanning methods.
11. Imaging modes of Real time 2D. B, M, Color Doppler, Pulsed wave Doppler, Continuous wave Doppler, Power Doppler, Dirpower must be available on system.
12. Display formats should be B/C/D triplex mode, Dual live: B/B, B/Company, 4B, Time line display: left/right and top/bottom, single and dual-split.
13. Should have pan, spot and full screen zooming facility

14. Should have special imaging features like tissue harmonic imaging, slant scanning for linear probe (B, color/power, PW/CW independent),trapezoid imaging for linear probes and multi frequency for both 2D and Doppler imaging
15. Should have the following standard configurations
    a. Pulse wave Doppler
    b. HPRF
    c. Color Doppler flow imaging
    d. Trapezoid imaging
    e. 500GB integrated hard disk
    f. Measurement and calculation software packages
    g. Multi-language screen display and control panel overlay
16. Should have system preset, exam preset, image preset, measure preset, body mark preset, comment preset, peripherals preset, network preset, preset data (Save, load, Export, Default)
17. The system should have the following storage/Connection facilities
    a. Integrated hard disk: 500G
    b. USB Ports
    c. Live Capture; Retrospective, Prospective,
    d. Thumbnail
    e. Single image formats: BMP, JPG, TIFF, DCM, FRM
    f. Supports off-line analysis
    g. Multi-frame images
    h. Video review: Auto, Manual
    i. Send/ Print image after End Exam
18. The system should have the following diagnostic reports
    a. View/add images
    b. Cardiac Calculations
    c. Edit report
    d. Vascular analysis
    e. Print report
    f. Import/ export report
19. System must have fast start up to scanning in less than 20 seconds from off condition, for use in critical and emergency situations.
20. System should support transducer technologies like phased array, convex, pioneer, TEE, Hockey stick probe etc.
21. Unit must sturdy and drop safe on accidental hit against the hard surface for use in busy hospital environment.
22. The probes should have a footprint suitable for pediatrics. ie the dimension of the probe suits pediatrics

1. Alphanumeric soft keys keyboard with easy access scans controls, facility to sanitize the system keyboard to avoid cross contamination in ICU environment.
2. Should have safety certificate from a competent authority CE / 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

II. Transducers/ other items (Seperate Orders shall be issued as per the requirement for supply)

1. Should have 6-13 MHz Linear probe pediatric
2. Should have 4-8 MHz phased array probe pediatric
3. Should have 6-13 MHz hockey stick probe pediatric.
4. Should have adult convex probe (2-5 MHZ) and the rate shall not be taken for evaluation
5. Should have multi frequency, broad brand, adult linear array 6-12 MHZ transducer for vascular, musculoskeletal, nerve and superficial imaging (Not taken for evaluation)
6. The machine should have cardiac package and the rate for Cardiac Probe (2-4 MHz broadband Phased array sector probe) shall be offered seperately. (Not taken for evaluation)
7. Should have 4-9 Mhz broadband Trans-vaginal Probe of FOV 160deg (Not taken for evaluation)