



Running Contract Details	
Equipment Name	Ultrasound Color Doppler Portable -Type C
Running Contract Valid Till	07-04-2024
Tender Ref No	KMSCL/EP/T422/131C/2021
Tendered Quantity	15
Supplier Name	M/s Axis Medical Systems
GST No	32AARFA4092K1Z7
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	
K.C.No.13/792/3 Kajas Building Annie Hall Road Kozhikode- 673002 Kerala	Contact Person	Jagdeesh.T.S/K.P.Santhosh
	Phone	
	Mobile No	9526600078/9349114142
	Email	axismedical@mail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Ultrasound Color Doppler Portable -Type C</b> <i>Model &amp; Make : Sonosite EDGE II</i>	1024800 Incl.GST :12%	75579	1100379
2	<b>2-5 (+/-1) MHz multi-frequency broadband curved array transducer</b>	201600 Incl.GST :12%	14868	216468
3	<b>6-13 (+/-1) MHz multi-frequency, broad band linear array transducer</b>	201600 Incl.GST :12%	14868	216468
4	<b>6-13 (+/-1) MHz multi-frequency hockey stick shaped linear array transducer</b>	201600 Incl.GST :12%	14868	216468
5	<b>1-5 MHz (+/- MHz ) multi frequency broadband phased array transducer</b>	201600 Incl.GST :12%	14868	216468
6	<b>B/W thermal printer</b>	53100 Incl.GST :18%	3717	56817

Item-wise Price Details							
7	<b>Mobile cart as per specifications along with Triple Transducer Connector facility</b>			177000 Incl.GST :18%	12390	189390	
				<b>2061300</b>	<b>151158</b>	<b>2212458</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>Ultrasound Color Doppler Portable -Type C</b>							
Labour	0.00	0.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
Comprehensive	0.00	0.00	1,09,800.00	1,15,290.00	1,21,055.00	1,27,107.00	1,33,463.00

### **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 3.00% 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 C**

- I. A state of art fully digital, compact Colour Doppler Ultrasound machine, weight <5 kg with one probe) is required with pinless connector technology and following technical features
1. Unit should be able to give very high image quality with advance technologies like compound imaging for better cardiac contrast resolution, tissue differentiation and edge detection, equivalent to high, field cart based systems. – Bidders are directed to please specify their technology.
  2. System should be able to support speckle reduction imaging for better tissue differentiation and edge enhancement phase. – Bidders are directed to please specify their technology.
  3. Imaging modes of Real time 2D. Color Doppler, Pulsed wave Doppler, Continuous wave Doppler, Power Doppler must be available on system.
  4. System must have fast start up to scanning in less than 20 seconds from off condition, for use in critical and emergency situations.
  5. System should support transducer technologies like phased array, convex, TEE, Linear, Hockey stick probe etc.
  6. System shall process a dynamic range that is at least 165 db. The system must display at a maximum depth of 35 cm.
  7. The system must have a dedicated cardiac calculation packages with PISA. TDI calculation packages, vascular calculations package.
  8. Unit must sturdy and drop safe on accidental hit against the hard surface for use in busy hospital environment. Any damage due to accidental fall/ hit shall be rectified at free of cost during Warranty and CAMC period.

9. Flat LCD/ TFT/ LED monitor of at least 10 inches or more with flicker free image.
10. Alphanumeric soft keys keyboard with easy access scans controls, facility to sanitize the system keyboard to avoid cross contamination in ICU environment.
11. The system must have the ability to function by AC/ DC or battery power with the same degree of functionality, the battery life (run time) shall be at least 2 (two) hours, this need to be demonstrated if needed. Battery replacement during Warranty and CAMC period should done free of cost if needed.
12. The system must have at least 16 GB memory card for storage and retrieval of images and clips data/ Internal hard disk.
13. The system shall support the all DICOM functionality. Storage, Print and Work List also ready to connect to PACS.
14. System should possess software for enhanced Needle Visualization to track the needle clearly at steep angles during the procedures while maintaining striking image quality of the target structures and the surrounding anatomy with simple On/Off functionality on both convex & linear transducers. Bidders are directed to please specify their technology.
15. System should have both European CE and US FDA quality certification.
16. Onsite product training and access to online education material must be provided post installation of the system.

## **II. Transducers/ other items**

1. 2-5 (+/-1) MHz multi-frequency broadband curved array transducer for general purpose, abdominal, deep nerve access and musculoskeletal applications.
2. 6-13 (+/-1) MHz multi-frequency, broad band linear array transducer for vascular, nerve imaging with less than 40mm size for vascular access, small parts, vascular, musculoskeletal applications. Higher frequency will be preferred.
3. 6-13 (+/-1) MHz multi-frequency hockey stick shaped linear array transducer for pediatric, small parts, nerve, vascular, msk applications with 25mm foot print.
4. 1-5 MHz (+/- 1 MHz) multi – frequency broadband phased array transducer for abdominal, cardiac and lung applications.
5. B/W thermal printer
6. Mobile cart with transducer holder and space for printer
7. Triple Transducer Connector facility to connect three probes simultaneously when system is kept on trolley.