

TECHNICAL COMPLIANCE FORM			
Ref: Tender No:			
TATA MEMORIAL CENTRE			
ADVANCED CENTRE FOR TREATMENT, RESEARCH & EDUCATION IN CANCER			
TECHNICAL SPECIFICATION OF :- " Portable Ultrasound Machine - "			
Intended Use: Latest model , state of art fully digital, compact portable Colour Doppler Ultrasound machine for ICU & OT , Anesthesia use			
Sr. No.	Name of the Vendor :		
A	Technical Specifications / Scope of supply	Quantity	<b>COMPLIANCE</b> 1) Mention "Complied /Not Complied" 2) Highlight any deviations. 3) Mention part number/Catalogue number of the relevant item quoted.
B	Name of the Manufacturer :		
C	Country of Origin:		
D	Model Name / Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) Can Quote more than one model.:		
E	Year of Introduction Internationally		
F	Year of Introduction in India		
G	Please quote all the models including the latest state of the art model which meets the tender specifications. The offer should be complete in all respect for the intended use.		
H	Technical Specifications/Scope of supply		
I	" Portable Ultrasound Machine " , complete as per below mentioned configuration and specifications:	Qty: 2 No.	
J	Features and specifications required:		
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 end cart based systems.		
2	System should be able to support speckle reduction imaging for better tissue differentiation and edge enhancement		
3	The system shall have the ability to enhance tissue margins and improve contrast resolution by reducing artifacts and improving visualization of texture patterns		
4	System should have both online (Read) as well as offline(Write) zoom facility		
5	Imaging modes of Real time 2D, Colour Doppler, Pulsed wave Doppler, Continuous wave Doppler, Power Doppler must be available on all cardiac transducers.		
6	System must have fast start up to scanning in less than 30 seconds from off condition, for use in critical and emergency situations.		
7	System should support transducer technologies like phased array, convex, linear, TEE etc.		
8	Cine memory on all modes.		
9	The system shall process a dynamic range that is at least 165db. The system must display at a maximum depth of 35 cm.		
10	The system must have a dedicated cardiac calculation packages with PISA, TDI calculation packages, vascular calculations package.		
11	The unit must be compact, portable and lightweight, weighing less then 6kg.		
12	Unit must be sturdy, resistant to breakage & damage on fall/ hit against the wall or hard surface for out of the hospital use.		
13	Flat LCD/ TFT monitor of at least 10 inches with flicker free image.		
14	Alphanumeric soft keys keyboard with easy access scans controls, facility to sanitize the system keyboard to avoid cross contamination.		
15	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 atleast 2 (Two) hours.		
16	The system must have archive capability for storage and retrieval of images and clips.data.		
17	Data Transfer facility should be available as standard, to transfer images etc. easily onto another system/computer, DICOM etc.		
18	The equipment should be mountable on trolley & locking mechanism should be inbuilt into the trolley for safety & security of the system. Trolley should be provided with the machine.		
19	Unit and transducers must be rugged, resistant to breakage & damage on fall/hit so as to withstand bust & field situation.		
20	System should have both European CE and US FDA quality certification.		
21	Transducers to be supplied as standard		
22	Linear Probe for ICU Machine (13-6MHz) for Application: Lung, musculoskeletal, nerve, superficial, arterial, venous, ophthalmic	1	

23	Linear Probe for OT Equipment: ( 13-6 MHz) for Application: Breast, IMT, lung, nerve, musculoskeletal, ophthalmic, small parts, arterial, venous	1	
24	2D Echo Probe 5-1 MHz Phased (Adult) for Application: Abdominal, cardiology, lung, ob, orbital, TCD	2	
25	Curved Probe (Curve linear, Abdominal) 5-2 MHz for Application: Abdominal, musculoskeletal, nerve, ob, gyn ( for ICU & OT Eq)	2	
26	<b>Standard accessories</b> (Which comes along with the machine, pricing of which is part of the equipment)		
27	<b>Mobile cart with transducer holder &amp; locking system.</b>	2	
28	<b>Essential accessories</b> (List down essential accessories to carry out certain functions but comes at an extra cost. Prices to be quoted separately)		
29	<b>Essential Spares: Please list down the spare parts which requires to be changed during Preventive/ Break down maintenance:</b>		
30	<b>Essential consumables:</b>		
31	<b>Upgradability capability (List down possible upgrades for the quoted model)</b>		
32	<b>Regulatory Approvals, If any. Details with copies of approvals.</b>		
33	<b>Safety requirements:</b> It should follow International / national safety requirement. Please specify certification with certifying agency and country with copies of certificate.		
34	<b>User's list:</b> A list of installations with the address and contact numbers to be provided. ( User list should be for the quoted model.)		
35	<b>Multiple Models:</b> If more than one model is offered, then they are to be separately filled and submitted according to the given format.		
36	<b>Input power supply requirements:</b> 240 V AC $\pm$ 10 %, 50 Hz, single phase. Specify if any other power supply requirement is recommended.		
37	<b>After Sales Service Support.</b>		
38	1. Complete operational manuals and technical information including circuit diagrams should be provided. 2. Company should provide technical support for hardware and software, spares and consumables. 3. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model. 4. Bidders who do not qualify this criteria shall not be considered. Bidder should provide address of the authorized service centre and details of number of personnel with training credentials.		
39	<b>Preinstallation Requirements :- Provide details of preinstallation requirements, special ambient conditions, if any, space requirement, any other special needs.</b>		
40	<b>Installation, Commissioning, testing and Training</b>		
41	Unpacking and Shifting the consignment to the installation site is to be included in the scope of supply. Bidder/manufacturer/authorized service provider should take responsibility to lift/shift the consignment from unloading site to the installation site. Unloading site shall be "Stores Department, KS Building, ACTREC Campus". If needed, Bidder has to arrange for the labourers at no charge to ACTREC. ( Before submitting the quotation, bidders may visit ACTREC to know unloading site and installation site)		
42	Installation,Commissioning and Training is included in the scope of supply. Bidder, Manufacturer and/or its authorized representative should undertake installation and commissioning of the equipment.		
43	Complete system should be installed, tested for its performance as per manufacturer's SOP/guidelines and demonstrated to the Institute's Users. In depth training should be provided to the Institute's users for maintenance,usage and applications.		
44	<b>Warranty and after sales support</b>		
45	<b>Warranty:</b> 2 years comprehensive-on site- Factory warranty- for entire equipment. All third party major items, accessories/attachment etc. integrated with the system should also cover 2 years -factory warranty from respective manufacturers.		
46	<b>CMC: Quote CMC for 8 years post warranty.</b>		
47	During warranty & CMC service period, manufacturer/authorized service provider should provide preventive services as well as attend the breakdown calls as and when requested by the end user/Institute on " no charge basis"		
48	<b>Uptime guarantee during warranty period and CMC : Bidder should ensure 95% uptime guarantee during the warranty and CMC period.</b>		
49	<b>Vendor should provide a standby machine and/or probes as the case may be, in case the equipment /probe becomes non functional for more than 24 hours. Stand by machine /Probes may be kept with ACTREC till our machine gets functional.</b>		Agree/Not Agree
50	<b>Quote optionally for all probes available: (Price should be separately quoted in the financial bid)</b>		
51	List of spares and consumables recommended to be kept in stock		Quoted/Not Quoted
52	List of all optionally available accessories, Probes		Quoted/Not Quoted
53	<b>Important terms to be noted by the bidders:</b>		
54	<b>Read the above scope of supply carefully and quote accordingly. Incomplete and/or partially complete offers are liable to be rejected.</b>		Agree/Not Agree

55	<b>Manufacturer/bidder should clearly indicate typical life span / Life expectancy of the quoted equipment.</b>		-- years
56	<b>Mention the time required to install the system.</b>		- days
57	Quote separately for all models meeting the described technical specifications including the latest model.		Agree/Not Agree
58	Bidders should clearly mention about compliance of the warranty and CMC/ terms in the technical bid. Bids not fully complying to the warranty and CMC terms are liable to be rejected.		Agree/Not Agree
59	Item/Equipment quoted should not be a second hand/refurbished/on verge of obsolescence/outdated model. Similarly, after award of contract, the item supplied should be a newly manufactured item and not the old item already manufactured and stocked for more than 1 month.		Agree/Not Agree
60	After opening of the Technical bid (Part-1), Physical demonstration of the quoted model may have to be shown / arranged by the bidder, if requested by the Institute. Physical demonstration may be shown at one of the end user's site/Principle company's application lab/manufacturing site located in Mumbai/Navi Mumbai/Thane cities. If there are no installations of the quoted model in Mumbai/Navi Mumbai/Thane cities, then the quoted model may have to be brought in at ACTREC for demo purpose <b>within 10 days from the date of request</b> . Physical Demonstration may be requested to confirm the availability of any or all technical features as mentioned/stated in the technical bid. Physical Demonstration will also be a part of technical evaluation process. If the bidder does not comply, such bids are liable to be disqualified. (Demonstration of quoted model is to be shown and not the demonstration of similar models with different technical specifications and features)		Agree/Not Agree
61	Past experience of the bidders in terms of quality of supplied equipments, after sales service and application support will be taken into consideration while technical evaluation.. Bidders who has unsatisfactory past experience in last 2-3 years, in terms of quality of supplied equipments, after sales service and application support, bids of such bidders may liable to be rejected.		Agree/Not Agree
62	Complete and detailed information should be provided in respect to each point specified in the specifications. <u>Technical bids that are incomplete in any respect are liable to be rejected.</u> Provide relevant supportive information, publications, catalogue, etc. Bidders providing misleading or wrong information are liable to be rejected. All technical claims should be printed in the technical brochure of the equipment.		Agree/Not Agree
63	If any contradictory statements /figures/information is observed in the compliance chart and in the technical bid, then the technical information mentioned in the product literature/brochure will be considered true and further evaluation will be done based on the information given in the product literature/brochure. Regarding the warranty and free AMC terms, information quoted in the technical bid will only be taken as valid terms.		Agree/Not Agree
64	Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied ".		Agree/Not Agree
65	<b>Declaration by the bidder</b>		
66	We have quoted for all the items meeting the description/scope of supply in the Financial bid as per prescribed format of the Tender documents and we agree that Partial/incomplete offers are liable for rejection.		Yes/No