

Ultrasound Machine			
	Description		
			1. Should be standalone ultrasound system with wide application for Abdomen, GYN\OB, Small Parts etc
			2. System should be 15" or more LCD/TFT/LED monitor
			3. Should be digital system with digital beam former
			4. Preset functions for exam mode and parameters should be possible for users to have enough friendly flexibility at their preference
			5. Real time scanner –Scan depth Approximately 25cm or more
			6. High resolution, triple frequency electronic probes (minimum 3 selectable frequencies in each probe, the range quoted is the minimum range, and should be the bare minimum quoted, mention the selectable frequencies against each probe).
			7. Machine should be supplied with the following probes with minimum 2 probe connectors(electronic)
			---2.0-6.0 MHz with +/- 0.5 alteration Convex Probe for abdominal, obstetrics and other applications; Tissue harmonic imaging frequencies should be available in convex probe for getting the diagnosis confidence.
			---5.0-8.0MHz Transvaginal Probe
			8. Scanning modes-B,M, B/M, B/B,
			9. Grey scale – 256
			10. Minimum 256 frames cine loop memory and above.
			11. Zoom: 4 times zoom in real time, 4 levels minimum
			12. Alphanumeric keyboard with back light for all keys for easy use in dark ultrasound room
			13. 6-8 slices of TGC
			14. Freeze facility
			15. Independent brightness control and Continuous variable contrast
			16. Image repetition rate not less than 100-150 frames / sec
			17. Mass patient data storage facility with at least 1G bites (Internal)
			18. Multi calipers facility with electronic presentation for distances, area, circumference, ellipse, OB/Gyn measurements
			19. Battery with minimum 1 hour continuous scan facility should be supplied (Internal or External)(UPS).
			20. Deleted
			21. 2 USB ports / VGA output / Video output.
			22. CE approval or USFDA
			23. Quoted equipment should be demonstrated in working condition, preferable in a large institution.
			24. Equipment supplier should offer 3 years warranty including all quoted probes
			25. Equipment supplier should have local services center.
			26. Should supply with a suitable thermal printer