

Appendix 6:- Schedule of Requirements

Technical Specifications

The Technical Specifications (TS) are intended to specify in detail the technical characteristics, functional requirements, and associated services of the Goods to be procured by the Purchaser. As part of the Schedule of Requirements (SR), the TS form an essential and enforceable component of the Contract. The Purchaser shall prepare and include the TS in the relevant procurement documents for each Contract to ensure transparent evaluation and contractual compliance.

Technical Specification of Portable USG Machine with TVS, Convex, Optional, probe – 5 Unit

Technical specification			
S.N.	Purchaser's Required Technical Specification	Bidder's Option	Catalogue page No.
1	The weight of the equipment (without trolley) should be within 7 kilograms.		
2	The machine should have minimum 2 probe connectivity		
3	Supports measurement & calculation packages for Abdomen, OB/GYN, Cardiac, Urology.		
4	USB ports (x3) for image storage/export.		
5	Multiple Compound Imaging (MCI), intelligent image optimization (i-Image)		
6	Speckle Reduction Imaging (SRA)		
7	Intelligent Zoom feature available		
8	Standard: B, M, 2B, 4B, B steer, CFM, CPA, DPD, DPW, Triplex, Trapezoidal, Optional/with probes: CW & TDI		
10	Supports convex, linear, micro-convex & phased array probes TCD via phased array (with suitable probe).		
11	Cine loop memory available (~256 frames)		
12	Dynamic range \geq 165 dB; depth \geq 30 cm		
13	Supports cardiac packages & optional advanced packages; specific metrics depend on software options		
14	PW standard; CW & TDI options available with appropriate cardiac probe.		
15	12" high-res LED, rotatable (0–30°).		
16	Backlit keyboard; ergonomic layout.		
17	AC 100–240 V; built-in Li-ion battery \approx 2.5 h.		

18	Internal memory + image archive & patient management system (EASYVIEW™).		
19	Robust build, quality-grade portable unit; specific cable armor not specified.		
20	Super Needle option available.		
21	DICOM 3.0 supported (optional).		
22	Standard supports 2 active connections; system may require hub for 3.		
23	Compatibility with: Convex (2.5-5 MHz), Linear (~5-12 MHz), Phased array (~2.5-4 MHz); Transvaginal & rectal options available.		
24	Optional trolley available; printer compatibility supported.		
25	Accessories typically include holders; standard with trolley/case options.		
26	Transducers probes: - a. convex probe, Operating frequency: 1-5 MHz b. Transvaginal probe, Operating Frequency: 5-9 MHZ c. Optional probe.		

Terms and Conditions

1	Regulatory Approval: CE certified and approved for global clinical use. (USFDA subject to model & market.		
2	Manufacturer & Origin: Clearly mentioned.		
3	Demonstration: Physical demonstration can be arranged on request.		
4	Authorization: Valid manufacturer authorization letter will be provided		
5	Warranty: 3 years comprehensive warranty + 2 years' service warranty.		
6	Operational training to the Marie stopes Center's Biomedical Engineer, Biomedical technicians and users.		
7	Brand New Equipment: Brand new, latest manufacturing date.		
8	Manuals: Hard & soft copy of service and user manuals provided when installing.		
9	Downtime Support: Alternate system provided if repair exceeds 5 days within warranty period.		

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Company Stamp with Signature