Radiology & Echocardiography Letter

S.N.	Module / Feature Block	Technical Specifications & Scope of Supply	Qty	Offered Make / Model	Basic Rate	GST (%)	Total Price
1	**Standard Inbuilt Probes**	• Phased Array (1–5 MHz): Dedicated cardiac echo probe. • Convex (2–6 MHz): Abdominal & deep tissue probe. • Linear (5–12 MHz): Vascular, thyroid, breast, and MSK probe.	3 Probes Inbuilt				
2	**Comprehensive Doppler**	• Full operating suite: Color Flow Mapping, Power Doppler, PW, and CW Doppler.	1 System				
3	**Electronic Processing Architecture**	• Ultra-high density digital beamformer featuring **40,000 or more independent electronic processing channels**.	1 System				
4	**Inbuilt Cardiac Software**	• Advanced quantification including Auto EF, Speckle Tracking / Strain Imaging, TDI, and anatomical M-mode.	1 Package Inbuilt				
5	**Inbuilt Radiology Software**	• Comprehensive packages for Abdominal, Vascular, Small Parts, and MSK imaging with auto-measurements.	1 Package Inbuilt				
6	**Display Monitor Description**	• **High-Resolution Non-Interlaced LED/LCD Medical Monitor \ge22 inches** on fully articulated arm.	1 Unit				
7	**Hardware Ports & DICOM**	• At least **3 Active Electronic Probe Ports** for multi-transducer connectivity. • Full DICOM 3.0 compliance for PACS/HIS network integration.	1 Set				

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8	**Turnkey Setup & Warranty**	• F.O.R. delivery, mechanical setup, calibration, and specialized applications training. • **2-Year Comprehensive On-Site Warranty** covering console, processing channels, and all 3 probes (\le24–48 hr SLA).	1 Job				
	TOTAL TURNKEY RAD/ECHO SYSTEM	**Complete turn-key system with Phased, Convex, Linear probes, \ge40k channels, \ge22" monitor, software, and 2-Yr warranty.**	**Total**				
OPT 1	Separate Optional Probe: Pediatric Phased (3–8 MHz)	Dedicated small footprint phased array transducer for neonatal and pediatric echocardiography.	1 Probe				
OPT 2	Separate Accessory: DICOM SR License	Advanced software license transmitting standardized cardiac measurements directly to DICOM PACS.	1 License				
OPT 3	Separate Accessory: Medical UPS (2 kVA)	High-capacity online double-conversion UPS protecting heavy-duty beamformers and processing units.	1 Unit				
OPT 4	Post-Warranty CMC (Years 3 to 5)	Annual comprehensive service contract covering processing boards, software, and probes	3 Yrs				
OPT 5	Post-Warranty AMC (Years 3 to 5)	Annual preventive service contract covering calibration, safety checks, and labor	3 Yrs				