

TECHNICAL & PERFORMANCE SPECIFICATION FOR MEDICAL EQUIPMENTS

التجهيزات الطبية

مراكز الرعاية الصحية

Item Code	4455260050003	GROUP #	PHC081
ITEM DESCRIPTION	ULTRASOUND OB/GYN - FOR PHC	اسم البند	جهاز موجات فوق صوتية نساء وولادة - للمراكز الصحية

MODEL OFFERED	MANUFACTURER	COUNTRY OF ORIGIN

#	TECHNICAL PARAMETERS	SPECIFIED	RESULT
1	Regulatory :	FDA 510 (K) , SFDA & CE	
2	Product Description :		
2.1	Range	Basic Ultrasound For Primary Care	
2.2	Purpose	OB/Gyn Clinical Routine and Research Applications	
3	Console Design :		
3.1	Easy Maneuverability and mobility Cart	Yes, wheels with locking braking system	
3.2	Built in space for peripherals	Yes	
3.3	Easy Access mode keys	Yes	
3.4	Front and rear Handles	Yes	
3.5	Monitor	≥ (15) inch. LCD Tilting & Horizontal rotation (+/- 90)°	
3.6	Power Requirement	220-240 V / 60 Hz	
4	Computing Capabilities :		
4.1	Operation System	Windows or equivalent	
4.2	Integrated Hard Desk	≥ 250 GB	
4.3	Fast System boot up	≤ 90 seconds	
4.4	DVD /CD burner	Yes	
5	Clinical Applications :		
5.1	Abdominal & Small parts	Yes	
5.2	Obstetrical, Gynecology	Yes	
5.3	Fetal Echo	Yes	
6	Multi Frequency Probes :	One Each	
6.1	Convex Array	1 - 5 (±2) MHz	
6.2	Linear Array	3 - 8 (±2) MHz	
6.3	Endocavity	4 - 9 (±2) MHz	
6.4	Electronic Active Probe Ports		
7	Operating Modes :		
7.1	Brightness Mode (B-Mode) (2D)	Yes	
7.2	Motion Mode (M-Mode)	Yes	
7.3	Pulsed wave Doppler (PW) with HPRF	Yes	
7.4	High PRF Doppler Mode	Yes	
7.5	Color Flow Doppler Mode (CFM)	Yes	
7.6	Power Doppler Mode	Yes	

THE BIDDER MUST COMPLY WITH ALL ABOVE SPECS. AND MUST FILL HIS OFFER IN THE "OFFERED" COLUMN THEN STAMP AND SIGN THE SHEET.



يلتزم مقدم العطاء بكافة المواصفات الفنية الموضحة أعلاه كما يلتزم بتعبئة عرضه المقدم على أوراق المواصفة بالخانة الموضحة مع ختمها وتوقيعها

TECHNICAL & PERFORMANCE SPECIFICATION FOR MEDICAL EQUIPMENTS

#	TECHNICAL PARAMETERS	SPECIFIED	RESULT
8	Scanning Parameters :		
8.1	Imaging Depth	Not less than 30 cm	
8.2	Dynamic Range	Up to 200 dB	
8.3	TGC Control	Yes	
8.4	Frame Rate	Up to 500 Frame per Second	
8.5	Digital Calipers	Yes	
8.6	Preprocessing	Yes	
8.7	Postprocessing	Yes	
9	Cine Features :		
9.1	Cine Storage	Yes, (Still images / Clips)	
9.2	Length / Capacity	Specify	
10	Scanning Features :		
10.1	Speckle Reduction Imaging	Yes, Organ Specific	
10.2	B-Mode Steering	Yes	
10.3	Panoramic Imaging	Yes	
10.4	Automatic Optimization	Yes, for B-Mode, Color Doppler and PW Doppler	
10.5	Automatic Doppler Calculations	Yes	
11	Measurement & Calculations :		
11.1	Generic Measurements	Yes	
11.2	Multigestational Calculations	Yes	
12	Zoom / Pan :		
12.1	Real- time image	Yes	
12.2	Frozen image	Yes	
12.3	Split Screen	Yes	
13	Connectivity :		
13.1	Integration and Network	Yes	
13.2	Full DICOM Connectivity	(Verify, Print, Store, Modality work list, multi frame, storage commitment, Modality Performed Procedure Step, MPPS, Media Exchange). Query / Retrieve, Structured Reporting	
13.3	Performing Measurements and Calculations in Current as well as already Stored Images and Clips.	yes	
13.4	Storage and Playback of M-mode, and PW Spectral Doppler.	yes	
13.5	Full connection to PACS system	Yes	
13.6	Full connection to HIS	Yes	
13.7	Full Connectivity to USB Printers	Yes	
13.8	Printing of Patient Reports Via a USB Connection.	Yes	
13.9	Recalculation for stored images	Yes	
13.1	Raw Data Storage	Yes	
13.11	Possibility to Export on different Formats	Raw data, PC formats, DICOM Viewer	
14	Ergonomics :		
14.1	HIPAA Patient Data Security	Yes	
14.2	Data Protection & Against Deletion & Export	Yes	
15	Ultrasound System security Virus protection	Yes	

THE BIDDER MUST COMPLY WITH ALL ABOVE SPECS. AND MUST FILL HIS OFFER IN THE "OFFERED" COLUMN THEN STAMP AND SIGN THE SHEET.



يلتزم مقدم العطاء بكافة المواصفات الفنية الموضحة أعلاه كما يلتزم بتقديم عرضته المقدم على أوراق المواصفة بالخانة الموضحة مع ختمها وتوقيعها

TECHNICAL & PERFORMANCE SPECIFICATION FOR MEDICAL EQUIPMENTS

#	TECHNICAL PARAMETERS	SPECIFIED	RESULT
15.1	Accessories :		
15.2	B/W Digital Printer	Yes	
15.3	Gel Warmer	Yes	
16	MOH Requirement :		
16.2	Clinical & Application Training Course for Doctors	Yes , On site	
16.3	Warranty	5 years full warranty Unlimited	
16.4	Maintenance and Service Contract Value with Spare Parts for the First Year after Warranty	Specify Value	
16.5	Maintenance and Service Contract Value with Spare Parts for the Second Year after Warrant	Specify Value	
16.6	Maintenance and Service Contract Value with Spare Parts for the Third Year after Warranty	Specify Value	
16.7	Maintenance and Service Contract Value with Spare Parts for the Fourth Year after Warranty	Specify Value	
16.8	Maintenance and Service Contract Value with Spare Parts for the Fifth Year after Warranty	Specify Value	

THE BIDDER MUST COMPLY WITH ALL ABOVE SPECS. AND MUST FILL HIS OFFER IN THE "OFFERED" COLUMN THEN STAMP AND SIGN THE SHEET.



يلتزم مقدم العطاء بكافة المواصفات الفنية الموضحة أعلاه كما يلتزم بتقديم عرضته المقدم على أوراق المواصفة بالخانة الموضحة مع ختمها وتوقيعها