Portable Doppler Foetal

S.N.	Purchaser's Specifications		Bidder's Offer
	Portable Doppler Foetal		
	Manufacturer:		
	Made In:		
	Country of Origin:		
	Model No:		
	Brand:		
1.	**Description of Function**		
1.1	Shall be portable/handheld, lightweight and easy to carry.		
2.	**Operational Requirements**		
2.1	It shall have ultrasound pulse doppler with auto-correction.		
3.	**Technical Specifications**		
3.1	The ultrasound frequency shall be 2.0 MHz- 3.0 MHz.		
3.2	Ultrasound output shall be atleast be 10mW/cm2.		
3.3	Built-in Speaker with output not less than 1.0 W.		
3.4	Shall operate on in-built rechargeable batteries.		
3.5	Continuous operation time should atleast 3 hours.		
3.6	Charging time shall not be more than 70 min.		
3.7	Transducer probe with curled wire connection to the main unit, length atleast 35 cm.		
3.8	Detector diameter shall be atleast of 40mm. Probe weight should not be more than 0.1 kg with holder facility when not in use.		
3.9	The FHR measurement range shall be 50bpm to 240 bpm.		
3.10	Shall have bright LCD/LED screen displaying for: ● Operating conditions ● Setting ● Battery Level ● Abnormal conditions		
3.11	Display shall not be less then 4 inches.		
3.12	Switching between heart rate display and waveform display shall be possible.		
3.13	The internal memory shall hold atleast 10 minutes x 160 items of measurement results for the heart rate. Should have facility for FHR data transfer to PC.		
3.14	Shall have external output terminal and earphone jack.		
3.15	Battery charger with AC adaptor shall be provided.		
4.	**Accessories, spares and consumables**		
4.1	• Ultrasound gel,350ml – 2 pcs • Batteries- 2 sets. • Soft carry bag easy to clean- 1 pc.		

	• Battery charger with AC adaptor-1 set.	
5.	**Operating Environment**	
5.1	The system offered must be designed to store and be operated normally under the condition of the purchaser's Country. The conditions include Climate, temperature and relative humidity.	
5.2	Power supply: 220/230 VAC, 50Hz fitted with appropriate plug to meet purchaser's country requirements. The power cable must be minimum 3 metres long.	
6.	**Standards and Safety Requirements**	
6.1	Must submit ISO 13485:2016 **AND**	
6.2	CE or USFDA approved certificate.	
7.	**User Training**	
7.1	Must provide user training (including how to use and maintain the equipment).	
8.	**Warranty**	
8.1	Comprehensive warranty for 2 years after acceptance.	
9.	**Maintenance Service during Warranty Period**	
9.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.	
10.	**Installation and Commissioning**	
10.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.	
11.	**Documentation**	
11.1	Should submit original brochure or e-copy.	
11.2	User (Operating) manual in English.	
11.3	Service (Technical / Maintenance) manual in English.	
11.4	List of important spare parts and accessories with their part numbers and costing.	
11.5	Certificate of calibration and inspection from factory.	