

## Technical specification of products

S.N	Purchaser's Specification	Bidder's Compliance Sheet
	Portable Brain Scanner	
	Manufacturer	InfraScan
	Type/Model	2000
	Country of Origin	USA
1	<b>Description of Function</b>	
1.1	Near Infrared system that provides visualization/evaluation of head trauma patients with possible intracranial hemorrhage	Yes, comply
2	<b>Operational Requirements</b>	
2.1	Handheld and lightweight	Yes, comply
3	<b>System Configuration</b>	
3.1	Portable Brain Scanner with cradle, detectors, and light source	Yes, comply
4	<b>Technical Specification</b>	
4.1	Shall have integrated processing, display, and control functions within the handheld brain scanner	Yes, comply
4.2	Shall provide graphics report for detection of traumatic supratentorial hematomas of greater than 3.5ml in volume or better	Yes, comply
4.3	Shall detect hematomas up to 2.5cm deep from the brain surface or better	Yes, comply
4.4	The scanning wavelength shall be safe for eye protection technology and shall be incorporated in device with sensor	Yes, comply
4.5	Shall have facility to transfer the data from the device to a computer	Yes, comply
4.6	Laser Diode shall have range within the infrared or near-infrared wavelength	Yes, comply
4.7	Shall have peak pulse power up to 100 milliwatt	Yes, comply
4.8	Shall have rechargeable or AA size disposable battery	Yes, comply
4.9	Battery shall provide operational time of at least 90 minutes	Yes, comply
5	<b>Accessories, spares, and consumables</b>	
5.1	Accessories:	
	- Main Unit-1	Yes, comply
	- Charger/Cradle-1	Yes, comply
	- Rechargeable battery - 2 set	Yes, comply
	- Carrying/Holding Bag-1	
6	<b>Operating Environment</b>	
6.1	The system offered shall be designed to be operational in environment of temperature: 0-45 degrees Celsius and humidity: 0-90%	Yes, comply
6.2	Power supply for cradle shall be 200-240V AC, 50/60Hz fitted with appropriate plug type D round 3 pins	Yes, comply
7	<b>Standards and Safety Requirements</b>	
7.1	ISO 13485 and EU or USFDA certificate must be submitted	Yes, comply
8	<b>User Training</b>	
8.1	Must be provided to user as per requirement	Yes, comply
9	<b>Warranty</b>	
9.1	Comprehensive warranty for complete 2 years	Yes, comply
10	<b>Maintenance Service During Warranty Period</b>	Yes, comply
10.1	During warranty period supplier must ensure corrective/breakdown maintenance as required	Yes, comply