Technical Specification Form (TSF)- Autoclave, 12" X 15"

S.N.	Purchaser's Specifications	Yes/No	Page no in catalog	Remarks
	Autoclave, 12" X 15"			
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	**Description of Function**			
1.1	Pressure cooker type portable autoclave for sterilising of surgical instruments and dressing materials by means of steam.			
2	**Operational Requirements**			
2.1	Shall be capable of operating on both electrical power and gasoline fuel.			
3	**System Configuration**			
3.1	Pressure cooker type autoclave, with suitable sterilization drum, floor stand and complete accessories.			
4	**Technical Specifications**			
4.1	Autoclave shall be pressure cooker type, 12" X 15"			
4.2	Shall have operating temperature 120^0C - 134^0C and pressure 15 PSI to 20 PSI			
4.3	The autoclave shall be operated by both mains electricity and gasoline fuel.			
4.4	Shall be made up of stainless steel, cylindrical shape and must have seamless construction to prevent bacteria residue and dirt accumulation.			
4.5	Lid shall have safety valves - pressure relief (steam release) valves, dead weight type safety valve, automatic over pressure safety valve and dial type pressure gauge and must be sealed with joint less neoprene or equivalent gasket.			
4.6	Unit to include fitted spacing shelf/trivet above heating element to prevent contact of contents with heating element. Electrical heating element to have over-temperature protection/cut out.			
4.7	The autoclave shall be supplied with a robust, corrosion-resistant stand, suitable for stable floor installation and capable of supporting the autoclave.			
5	**Accessories, spares and consumables**			
5.1	**Accessories:** • Extra gasket- 1pc			
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).			
6	**Operating Environment**			
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			

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6.2	Power supply: 220-240V/ 50 Hz AC Single phase 50Hz. fitted with appropriate plug to meet purchaser's country requirements. The power cable must be minimum 3 metres long.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices			
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.			
8	**User Training**			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 1 years after acceptance.			
10	**Maintenance Service during Warranty Period**			
10.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.			
11	**Installation and Commissioning**			
11.1	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.			
12	**Documentation**			
12.1	User (Operating) manual in English,			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	Catalog – original or ecopy.			
12.4	Certificate of calibration and inspection from factory.			
12.5	Must submit manufacturer authorization letter			
Note: -Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted and also must submit original technical brochure. Failure in doing so may lead to rejection of bid from technical committee.				

Documents to be submit:

- A duly completed and signed copy of above-mentioned Technical Specification Form (TSF).
- Copy of VAT Registration, Company Registration, Latest Tax Clerance Certificate
- Validity of the quotation
- Status of Stock availability
- Transportation costs and delivery timelines for door-to-door delivery to the designated district locations, preferably at the district headquarters or nearby accessible locations.

Item Description	District	Required Qty	Delivery Location
AUTOCLAVE Machine	Kailali	6	Kailali
	Dailekh	21	Banke
	Mahottrai	19	Mahottari
Total	**Total**	**46**	