भजनी नगरपालिका

उपकरण औजार मेशीनरी सामाग्रीहरुको विवरण सुचि आ.व.२०७९ /०८०

S.N	Name of Products	Unit	Quantity	Specifications
1	Air conditioner AC	set	3	As per approved technical specifications
2	Electrosurgical unit (Diathermy)400w	set	1	
3	Fully automated Coagulation Analyzer	set	1	
4	Fully automated HPLC Analyzer	set	1	
5	Operation Theatre Light,LED	set	1	
6	Patient Monitor	set	2	
7	Table,Operating Theatre,electro-Hydrolic(Orthopadics)	set	1	
8	Electri suction pump (Surgical aspirator)	set	1	

Table,Operating Theatre, Electro-Hydraulic (Orthopaedics)

S.N.	Purchaser's Specifications		Bidder's Compliance sheet		
	Table, Operating Theatre, Electro-Hydraulic (Orthopaedics)		**Yes/NO**	**Page No in Catalogue**	**Remarks**
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	Operating tables provide an elevated surface that supports the patient's body during surgical procedures, stabilizing the patient's position and providing optimal exposure of the surgical field.				
2	**Operational Requirements**				
2.1	C-arm compatible with electro-hydraulic operation table				
3	**System Configuration**				
3.1	Electro-Hydraulic Operating Theatre Table for Orthopaedics, with all attachments & accessories.				
4	**Technical Specifications**				
4.1	**Table Top:** • Fully electrically operated table, five sections, radio-translucent table top with eccentric pillars and sturdy base. • Should Interchangeable head and leg sections (manually). • Should have all positions operated through cable remote. • Should provide one Handset With Additional fixed control panel provided on the table top, which can be used in case of failure of main hand set.				
4.2	**Motorized Movements:** • Top Dimension L 1900mm x W 530 mm • Height Adjustment 730mm-1030 mm • Trendelenburg/Reverse 30°/25° • Lateral Tilt 20°/20° • Kidney Elevator 130 mm • Back Rest (up/down) 80°/20° • Leg Rest (up/down) 10°/90° • Head Rest (up/down) 45°/90°				
5	**Accessories, spares and consumables**				
5.1	**Standard Attachments:** • Lower limbs traction device • Femoral nailing device • Knee arthroscopy device • Meniscus positioningdevice • Hip prosthesis device • Humorous positioning device • Shoulderarthroscopy device • Spine cord positioning device • Hand surgery table				

S.N.	Purchaser's Specifications २०७३	Bidder's Compliance sheet		
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.			
6.2	Power supply: 220 – 240VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**			
7.2	CE 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 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	During warranty period supplier must ensure 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	List of important spare parts and accessories with their part numbers and costing.			
12.4	Certificate of calibration and inspection from factory.			

Electric Suction Pump, (Surgical Aspirator)

S.N.	Purchaser's Specifications		Bidder's Compliance sheet		
	Electric Suction Pump, Twin type (Surgical Aspirator)		Yes/NO	Page No in Catalogue	Remarks
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	To extract fluid from the body during surgery or emergency treatments.				
2	**Operational Requirements**				
2.1	An electric double jar suction pump for surgical use.				
3	**System Configuration**				
3.1	Suction machine with two bottles and accessories.				
4	**Technical Specifications**				
4.1	It shall be mounted on four robust, fully 360 degree swivelling, antistatic, non-marking grey tires castors, minimum size 75 mm with at least 2 diagonal brakes.				
4.2	Come with suction controller and vacuum gauge / indicator.				
4.3	The pump shall be oil free vacuum pump where the pumped liquid shall be sealed off from the pump.				
4.4	Come with overflow control valves. Bidder shall provide technical design and details of the pump with this TSF				
4.5	Vacuum rate shall be from 0 to not less than 640 mmHg (0.85 bars).				
4.6	Air flow rate shall be at least 25 l/min.				
4.7	The pump shall come fitted with twin unbreakable, transparent, autoclaveable polycarbonate suction bottles minimum 2 litre each.				
4.8	The bottles shall be incorporated with an automatic suction cut-off mechanism when they become full.				
4.9	The suction bottles shall come with overflow lid.				
4.10	Noise level: not more than 55 dBA.				
4.11	Air discharge from pump shall be filtered by a 0.3 micron bacterial hydrophobic filter.				
5	**Accessories, spares and consumables**				
5.1	**Accessories:** • Electrical cable: 1 minimum 3 meter length • Clear suction tubing: 1set of 5 meter length • Bacterial filter: 0.3 micron,10 pcs • Spare unbreakable, transparent, autoclaveable polycarbonate suction bottle 2L: 1pc • Complete connection tubing set: 1 set • Hand switch & foot switch with cables for operating easily.				
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.				

S.N.	Purchaser's Specifications	Bidder's Compliance sheet		
6.2	Must operate on 220-240V AC as well as rechargeable batteries.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**			
7.2	CE (93/42 EEC Directives) or USFDA approved product certificate.			
8	**User Training**			
8.1	Not applicable.			
9	**Warranty**			
9.1	Warranty for 1year.			
10	**Maintenance Service During Warranty Period**			
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
11	**Installation, Inspections and Commissioning**			
11.1	Must supply preassembled unit, ready to use.			
11.2	Inspections to verify the compliance of the offered equipment as per specifications will be conducted by the technical team appointed by the purchaser.			
12	**Documentation**			
12.1	User (Operating) and Service (Technical/Maintenance) manuals to be supplied in English.			
12.2	Certificate of calibration and inspection.			
12.3	List of important spare parts and accessories with their part numbers and costing			

Patient Monitor

S.N.	Purchaser's Technical Specifications	Bidder's Compliance sheet		
	Manufacturer	**Yes/NO**	**Page No in Catalogue**	**Remarks**
	Brand			
	Type / Model			
	Country of Origin			
1.	**Description of Function**			
1.1	Advance high end monitoring vital signs of all patient categories, at bedside, transportation applicable for Adult, Pediatric and neonatal application			
2.	**Operational Requirements**			
2.1	It shall operate on AC power supply as well as built-in battery.			
3.	**System Configuration**			
3.1	Should have ECG, SpO2, NIBP, Respiration and Temperature			
4	**Technical Specifications**			
4.1	Patient monitor for Adult, Pediatric and neonatal application			
4.2	Must have at least 12" high resolution Display with navigation wheel.			
4.3	Should have facility to display ECG, SpO2, NIBP, Respiration and temperature simultaneously			
4.4	Should display at least 12 waveforms of selected parameters simultaneously			
5	**Measurements range:**			
5.1	HR approximately 15 to 300bpm <3bpm>			
5.2	NIBP approximately 20 to 300mmHg (systolic) <1mmHg>			
5.3	SpO2 approximately 0 to 100% <1%>			
5.4	RR (ECG derived) approximately 15 to 300bpm <1bpm >			
5.5	Temperature approximately 0 to 50C <0.1C>			
5.6	NIBP oscillometric step deflation, manual/automatic, initial inflationpressure user selectable			
5.7	Must have Alarm limit display on main screen.			
5.8	Must have Patient specific alarm default settings.			
5.9	Should have 160 hours of graphical and tabular trends and 48 hours of full disclosure.			
5.10	Must have Up to 8 hours of short trend display side by side with real time waveforms and numeric.			
5.11	Must have Up to 8 waveforms display.			
5.12	Standard HL7 output.			
5.13	Shall have defibrillator sync and protection during defibrillation.			
5.14	Shall have option for thermodilution cardiac output			
5.15	Display shall have facility to report system errors, leads and sensors failure and built-in battery status.			
5.16	Must have autonomy of built-in rechargeable battery approximately 1 hours, automatic recharge when connected to mains.			

5.17	Automatic switch to batteries in case of power failure.			
6	**Accessories, spares and consumables**			
6.1	**Accessories:** 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.			
6.2	3 Lead ECG electrode cable Adult SpO2 probe NIBP cuffs for Adult Temp Probe – 1No.			
7.0	**Operating Environment**			
7.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
7.2	Power supply: 220 - 240 VAC, 50Hz fitted with appropriate plug.			
8	**Standards and Safety Requirements**			
8.1	Must submit ISO 13485:2003/AC:2007 for medical devices AND			
8.2	CE (93/42 EEC Directives) or USFDA approved product certificate.			
9.0	**User Training**			
9.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.			
10.0	**Warranty**			
10.1	Comprehensive warranty for 2 years from acceptance.			
11.0	**Maintenance Service During Warranty Period**			
11.1	During the warranty period supplier must ensure corrective/ breakdown maintenance whenever required.			
12.0	**Installation and Commissioning**			
12.1	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.			
13	**Documentation**			
14.1	User (Operating) manual in English.			
14.2	Service (Technical / Maintenance) manual in English.			
14.3	Certificate of calibration and inspection from factory.			

भजनी नगरपालिका
नगर कार्यपालिकाको कार्यालय
भजनी, कैलाली
सुदूरपश्चिम प्रदेश, नेपाल

Operation Theatre Light, LED २०७३

S.N.	Purchaser's Specifications	Bidder's Compliance sheet		
	Operation Theatre Light, LED	**Yes/NO**	**Page No in Catalogue**	**Remarks**
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	**Description of Function**			
1.1	Surgical lights illuminate the surgical site for optimal visualization of small, low-contrast objects at varying depths in incisions and body cavities.			
2	**Operational Requirements**			
2.1	It shall be latest LED technology shadowless operating light field.			
3	**System Configuration**			
3.1	Operation Theatre Light, LED with all standard accessories.			
4	**Technical Specifications**			
4.1	Shall be LED based technology.			
4.2	Shall have single colour high performance LEDs with life time more than 50,000 hours of operation.			
4.3	Should have light diameter minimum 740mm			
4.4	Lux intensity: Dome with illumination depth of 2,00,000 LUX with 84 LEDs.			
4.5	Light spot diameter shall be 100-150 mm or better			
4.6	Colour temperature shall be be 3500-4800 K.			
4.7	Depth of illumination shall not be less than 10-25 cm.			
4.8	Shall have digital control panel for light focusing adjustment fixed on the dome or arms.			
4.9	The intensity of light shall be uniform during the surgery.			
4.10	Color Rendering Index 93 RA			
5	**Accessories, spares and consumables**			
5.1	**Accessories:**			
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.			
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**			
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			

S.N.	Purchaser's Specifications	Bidder's Compliance sheet		
	maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	During the warranty period supplier must ensure 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	List of important spare parts and accessories with their part numbers and costing.			
12.4	Certificate of calibration and inspection from factory.			

Fully automated HPLC Analyzer

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet			
	Fully automated HPLC Analyzer	**Yes**	**No**	**Page No. in Catalogue**	**Remarks**
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	For analysis of HbA1c, Sickle cell , Thalessemia and abnormal Hb variants in Whole blood.				
2	**Operational Requirements**				
2.1	Fully automated HPLC Analyzer with minimum 110 sample autoloader with dedicated stat position, to screen and quantitate hemoglobins HbA1c, HbA2, HbF, and detect abnormal hemoglobins like HbS, HbC, HbD, HbE, HbS (Sickle cell) and other rare abnormal hemoglobins from whole blood and hemolysate with single reagent pack				
2.2	System must have minimum 3 modes: Fast mode for HbA1c, Variant mode, and B-Thalessemia (For HbA2 and Sickle cell) mode				
2.3	Single column must be able to run more than 1500 Tests				
3	**System Configuration**				
3.1	Complete set of Fully automated HPLC analyser with full of accessories and reaagents				
4	**Technical Specifications**				
4.1	**Analytical Mode**: HPLC principle with bichromatic reading at 415 nm and 500 nm				
4.2	**Throughput : <1.5 per minute for HbA1c, <6.5 min for Hemoglobin variant analysis**				
4.3	**Sampple Loader** : Minimum 100 sample auto loading system, conntinuous loading system, dedicated stat position, Inbuilt bar code reading system for samples				
4.4	**Sample Capacity:** System should be able to run different sizes of primary tubes and cups for lesser volume aspiration with cap piercing system.				
4.5	**Sample Types**: Whole blood and Hemolysate				
4.6	**Whole blood sample Volume :** < 10 Microlitre				
4.7	**Light Source** : LED with minimum 20000 hour self life				
4.8	**Quality Control :** Real time LJ system on screen, Company manufactured QC must be available for HbA1c, HbA2 and HbF				
4.9	**Screen :** Inbuilt minimum 8 inch color touch svreen				
4.10	**Printer**: Inbuilt graphic thermal printer				
4.11	**Result storage** : minimum 2000 result storage system with graphs				
4.12	**System Anchoring:** The system must be anchored to Diabetes Control and Complication trial by American Diebetes Asociation (DCCT, ADA, USA)				
4.13	**CV of result:** <1%				
4.14	**Memory**: QC, Sample results, calibration				
5	**Accessories, spares and consumables**				
5.1	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**				

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet			
	Fully automated HPLC Analyzer	Yes	No	Page No. in Catalogue	Remarks
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.				
6.2	Power supply: 220-240V/ 50 Hz AC Single phase fitted with appropriate plug to meet purchaser's country requirements. The power cable must be minimum 2 metres long.				
7	**Standards and Safety Requirements**				
7.1	Must submit ISO 13485:2003/AC: 2007 certificate				
7.2	The analyser as well as reagent parameters must be CE approved				
8	**User Training**				
8.1	Must provide user training (including how to use and maintain the equipment).				
9	**Warranty**				
9.1	Company Comprehensive warranty for 1 years and extra 2 year free AMC				
10	**Maintenance Service during Warranty Period**				
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.				
11	**Installation and Commissioning**				
11.1	Supplier must accomplish proper installation & commissioning of the equipment on site.				
11.2	The same model must be installed at least 10 different sites in Nepal for reference to ensure easy availability of spare parts, reagents and consumables.				
12	**Documentation**				
12.1	User (Operating) manual in English				
12.2	Service (Technical / Maintenance) manual in English				
12.3	List of all Reagents, important spare parts and accessories with their part numbers, Pack Size and costing.				

भजनी नगरपालिका
नगर कार्यपालिकाको कार्यालय
भजनी, कैलाली
सुदूरपश्चिम प्रदेश, नेपाल
२०७३

Fully automated Coagulation Analyzer

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet			
	Fully automated Coagulation Analyzer	**Yes**	**No**	**Page No. in Catalogue**	**Remarks**
	Manufacturer				
	Brand				
	Type / Model				
	Country of Origin				
1	**Description of Function**				
1.1	For analysis of PT, APTT, ACT, TT and Fibrinogen in Whole blood.				
2	**Operational Requirements**				
2.1	Fully automated Coagulation Analyzer with opto-mechanical method and reagents must be dry mono cartridge based.				
3	**System Configuration**				
3.1	Complete set of Fully automated Coagulation analyzer with full of accessories and reagents				
4	**Technical Specifications**				
4.1	Should have all in one cartridge for individual test.				
4.2	Should have Screen: Inbuilt minimum 3.5 inch of Color Touch Screen Display.				
4.3	Must be fully Automated with one step operation.				
4.4	Reagent: Dried reagent test card stored at room temperature for ready to use.				
4.5	Test Parameters: PT INR, APTT, ACT, TT, FIBRINOGEN				
4.6	Sample volume should be only 20 microlitre.				
4.7	Sample Types: Whole blood				
4.8	**Printer**: System have port to connect with external printer to print report.				
4.9	**Result storage :** minimum 300 result storage system with 12 QC test results.				
4.10	**CV of result:** <5%				
5	**Accessories, spares and consumables**				
5.1	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.				
6.2	Power supply: 100-240V/ 50-60 Hz AC Single phase fitted with appropriate plug to meet purchaser's country requirements. The power cable must be minimum 2 metres long.				
7	**Standards and Safety Requirements**				
7.1	Must submit ISO 13485:2003/AC: 2007 AND				
7.2	CE (93/42EEC Directives) or USFDA approved product certificate of both reagent and analyzer.				
8	**User Training**				
8.1	Must provide user training (including how to use and maintain the equipment).				
9	**Warranty**				
9.1	Company Comprehensive warranty for 2 years and extra 2 year free AMC				
10	**Maintenance Service during Warranty Period**				

भजनी नगरपालिका
नगर कार्यपालिकाको कार्यालय
भजनी, कैलाली
सुदूरपश्चिम प्रदेश, नेपाल
२०७३

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet			
	Fully automated Coagulation Analyzer	Yes	No	Page No. in Catalogue	Remarks
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.				
11	**Installation and Commissioning**				
11.1	Supplier must accomplish proper installation & commissioning of the equipment on site.				
12	**Documentation**				
12.1	User (Operating) manual in English				
12.2	Service (Technical / Maintenance) manual in English				
12.3	List of all Reagents, important spare parts and accessories with their part numbers, Pack Size and costing.				

Technical Evaluation of Electrosurgical Unit (Diathermy Machine) 400W

S N.	Purchaser's Specifications		Bidder's Compliance Sheet		
	Electrosurgical unit (Diathermy Machine) 400W		Yes/ No	Page No. in Catalogue	Remarks
	Manufacturer				
	Brand				
	Type/Model				
	Country of Origin				
1	**Description of Functions**				
1.1	A 400W diathermy machine (electrosurgical unit)				
2	**Operational Requirements**				
2.1	It shall operate on AC power supply in the operating theatre.				
3	**System Configurations**				
3.1	Diathermy Machine (Electrosurgical) 400W with complete accessories.				
4	**Technical Specifications**				
4.1	Nominal HF output: 400W				
4.2	At least 2 modes of operation: mono-polar cutting and mono-polar/bipolar coagulation.				
4.3	Mono-polar cutting modes shall have different level of effects from pure cutting to blend cutting (cutting with haemostasis).				
4.4	Come with 3 mono-polar coagulation modes: soft, forced and spray.				
4.5	Desiccate mode for low voltage contact coagulation suitable in delicate tissue work				
4.6	Fulgurate mode for efficient non-contact coagulation in most applications.				
4.7	Spray mode for coagulation large tissue areas with minimum depth of necrosis.				
4.8	Come with 3 bipolar modes: precise, standard and macro or equivalent.				
4.9	Precise mode to have fine control of desiccation in delicate tissue.				
4.10	Standard mode for applications at low voltage to prevent sparking.				
4.11	Macro mode for applications on tissue with high resistance.				
4.12	Control panel with digital setting and display of power of modes used.				
4.13	All mono-polar and bipolar modes shall be controllable by hand switch and footswitch.				
4.14	Bipolar mode can be activated by either foot pedal and / or auto coagulate by using forceps.				
4.15	Footswitches shall be splash proof and unaffected by common OR fluid spills, easy to clean, have suitable mechanical protection against accidental pedal depression and Switches shall not be susceptible to sticking in the ON position.				
4.16	Unit must have automatic power regulating feature to always keep minimum current to the patient throughout the procedures.				
5	**Accessories, Spare Parts and Consumables**				
5.1	All standard accessories/consumables/parts required for the proper operation of the above item shall be included in the offer. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Forms.				

S N.	Purchaser's Specifications	Bidder's Compliance Sheet		
	Electrosurgical unit (Diathermy Machine) 400W	Yes/ No	Page No. in Catalogue	Remarks
5.2	All standard Maintenance tools and cleaning /lubrication materials where applicable shall be included. Bidders shall specify, in a separate Excel worksheet, the quantity and details of any items included in this offer which have not been specified in this Technical Specifications Forms.			
6	**Operating Environment**			
6.1	Power supply: 220-240V AC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metres in length.			
7	**Standards & Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices **AND**			
7.2	CE or USFDA approved product certificate.			
8	**User Training:**			
8.1	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.			
9	**Warranty**			
9.1	Comprehensive warranty for 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	Preventive and corrective maintenance services during warranty period shall be included.			
11	**Installation and Commissioning**			
11.1	It shall be installed and commissioned by the Supplier at the final destination(s),			
12	**Documentation**			
12.1	User (Operating) manual in English.			
12.2	Service (Technical / Maintenance) manual in English.			
12.3	List of important spare parts and accessories with their part numbers and costing.			
12.4	Certificate of calibration and inspection from factory.			