



Gandaki Rural Municipality

Office of Rural Municipal Executive

Bhumlichok, Gorkha

Gandaki Province, Nepal

Invitation for Quotation

Date of publication: 2024-04-26 (2081-01-14)

1. Gandaki Rural Municipality has allocated funds towards the cost of **Biological Lab** and intends to apply the funds to cover eligible payments under the Contract and is open to all eligible Nepalese Bidders.
2. Gandaki Rural Municipality, Office of Rural Municipal Executive Invites Sealed Quotation from eligible bidders for the following projects under Sealed Quotations Procedures.

Identification No.	Description of work	Procurement Type	Estimated Amount (Without Contingency & VAT)	Cost of Bidding Document	Bid security Amount	Validity for bid documents /bid security	Last Date and Time of Bid Purchasing	Last Date and Time of Bid Submission	Bid Opening Date and Time
GRM/GOO DS/SQ/16/2080/81	Procurement, Supply and Delivery of Biological Lab Equipments	Sealed Quotations	10,61,946.90/-	1000/-	27,000/-	30 days/ 45 days after bid opening	2024-05-10 (2081/01/28) 12:00	2024-05-12 (2081/01/30) 12:00	2024-05-12 (2081/01/30) 13:00

3. Eligible Bidders may obtain further information and inspect the Bidding Documents at the office of Gandaki Rural Municipality, Office of Rural Municipal Executive, Bhumlichok Gorkha, Gandaki Province, Nepal, 9849983258. or may visit our official website www.gandakimun.gov.np.
4. A complete set of Bidding Documents may be purchased from the office **Gandaki Rural Municipality, office of Rural Municipal Executive, Bhumlichok, Gorkha** by eligible Bidders on the submission of a written application, along with the copy of company/firm registration certificate, VAT registration, License, Tax clearance certificate, and upon payment of a non-refundable fee during office hours.
Name of the Bank: Krishi Bikash Bank, Gandaki Branch, Gorkha
Name of Office: Gandaki Rural Municipality.
Office Acc no.: **0325801491835140** (purchase document)
Office Acc no.: **0325801491835043** (security deposit)
5. The bid security may either be in the form of a bid security issued by authorized commercial bank or financial institution eligible to issue Bank Guarantee as per prevailing law or deposited in above mentioned office bank account.
6. *Sealed bids must be submitted to the office Gandaki Rural Municipality, office of Rural Municipal Executive, Bhumlichok, Gorkha by hand on 2081/01/30 12:00 hours. Bids received after this deadline will be rejected.*
7. The bidders are informed to attach supporting documents to verify the Qualification Criteria.
8. Bids will be opened in the presence of Bidders' representatives who choose to attend at Specified date and time mentioned above at the office of **Gandaki Rural Municipality, Bhumlichok, Gorkha**.
9. The bidders are advised to view technical specification before submission of bid document.
10. The Employer reserves the right to accept or reject, wholly or partly any or all the bids without assigning reason, whatsoever.
11. All other terms & conditions will be as per prevailing procurement act & regulations of government of Nepal & local body financial administrative regulation.

Chief Administrative Officer

S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	Trinocular Microscope with Digital Camera		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	Trinocular microscope (inverted microscope) with digital camera is primarily used to study biological specimens such as cells and microorganisms and their vital processes.		
2	Operational Requirements		
2.1	Should be operable in the working environment of the lab		
3	System Configuration		
3.1	The machine should be light weight and easy to operate.		
4	Technical Specifications		
4.1	Should have zoom magnification of 7X – 45X or more.		
4.2	The frame should be made up of alloy metal cast, hardened off-white painted		
4.3	The trinocular heads should have 45 degree inclined tubes.		
4.4	The head should be rotated by 360 degree		
4.5	The power source should be LED type with the wattage power of 3 watt or more.		
4.6	The intensity of the light should be adjustable.		
4.7	Should have future option for auxiliary lens of 0.5X, 0.75X, 1.5X and 2.0X.		

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Biomedical Engineer
NEC:- 290 'A'

S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
4.8	The working distance should be 100mm or more.		
5	Accessories, spares and consumables		
5.1	The accessories that should be included along with the machine: 1) Dust cover 2) User manual 3) Light source 4) 18 MP or more digital camera 5) Eye piece microscope camera and 7 inch display AV2 camera 6) Storage device with 512 GB or more for image and video storing.		
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 system 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	Must work on 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs and sockets. The main cable must come up with three pin top.		
7	Standards and Safety Requirements		
7.1	Must submit ISO or CE documents along with the product.		
7.2	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.		

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Biomedical Engineer
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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
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 1 year after complete installation of the machine.		
10	Installation and Commissioning		
10.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel.		
11	Documentation		
11.1	User (Operating) Manual in English		
11.2	Certificate of calibration and inspection from factory.		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	Biochemical Oxygen Demand (BOD) Incubator		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	BOD incubator is a low temperature incubator that provides required temperature for the growth of microorganisms		
2	Operational Requirements		
2.1	Should be operable in the working environment of the lab		
3	System Configuration		
3.1	The machine should be easy to operate by the user.		
4	Technical Specifications		
4.1	The internal volume should be 500 litres or more.		
4.2	It should be vertical, front opening, complete assembled unit, and plug to start type.		
4.3	The inner layer should be made up of 304 or higher grade of stainless steel.		
4.4	Microprocessor based PID temperature controller should be available.		
4.5	Temperature range should be from 5°C to 60°C with an accuracy of $\pm 2^\circ\text{C}$ or less.		
4.6	The temperature sensor should be PT100 type.		
4.7	Digital temperature display should be available.		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
4.8	The air circulation within the chamber should be with the help of inbuilt fan.		
4.9	The chamber should be illuminated with fluorescent light along with door switch.		
4.10	CFC free compressor should be provided for the cooling purpose.		
4.11	The trays should be made up of stainless steel which should be a mesh type.		
4.12	High temperature safety cut off, short circuit protection, and electrical overload cut off relay should be available for the safety purpose.		
5	Accessories, spares and consumables		
5.1	Following items should be provided along with the incubator 1) Plastic trays with mesh hole (25 * 18 * 8 cm) and solid surface (37 * 26 * 6 cm) :- 15 pcs each 2) Borosilicate test tubes (25 * 150 mm):- 50 pcs 3) Plastic petri plate (9 cm (top), 8 cm (bottom), 1.5 cm (height)) :- 30 pcs		
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 system 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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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
6.2	Must work on 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs and sockets. The main cable must come up with three pin top.		
7	Standards and Safety Requirements		
7.1	Must submit ISO or CE documents along with the product.		
7.2	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.		
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 1 year after complete installation of the machines.		
10	Installation and Commissioning		
10.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel.		
11	Documentation		
11.1	User (Operating) Manuals in English		
11.2	Certificate of calibration and inspection from factory.		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	Rearing Box		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	Rearing box refers to the box that is used for keeping, feeding, and breeding useful or concerned organisms.		
2	Operational Requirements		
2.1	Should be light weight and easy to use.		
3	System Configuration		
3.1	Should be light weight and easy to use.		
4	Technical Specifications		
4.1	The rearing box should be easy to install, disassemble, and transport by the user.		
4.2	It should be easy to clean.		
5	Accessories, spares and consumables		
5.1	<p>Following items should be included in the list of rearing boxes.</p> <p>1) Bugdorms</p> <ul style="list-style-type: none"> Fine mesh type (47 * 47 * 47 cm and 62 * 62 * 62 cm):- 5 pcs each Wooden and wire mesh type (47 * 47 * 70 cm):- 5 pcs <p>2) Coreyra Rearing Box</p> <ul style="list-style-type: none"> Wire mesh sliding lid (60 * 32 * 22 cm) :- 3 pcs 		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	3) Larvae Rearing Box (22 * 17 * 10 cm and 27 * 17 * 11 cm):- 3 pcs each		
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 system 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.		
7	User Training		
7.1	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.		
8	Warranty		
8.1	Comprehensive warranty for 1 year after successful installation of the machine.		
9	Installation and Commissioning		
9.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	Hot Air Oven		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	Hot air oven is an equipment used to heat up the products or to dry sterilize the products at higher temperature.		
2	Operational Requirements		
2.1	Should be operable in the working environment of the lab		
3	System Configuration		
3.1	The machine should be light weight, and easy to operate by the user.		
4	Technical Specifications		
4.1	The internal volume should be 150 litres or more.		
4.2	It should be vertical, front opening, complete assembled unit, and plug to start type.		
4.3	The inner layer should be made up of 304 or higher grade of stainless steel.		
4.4	Microprocessor based PID temperature controller should be available.		
4.5	Temperature range should be from ambient temperature to 200°C or more with an accuracy of $\pm 2^\circ\text{C}$ or less.		
4.6	The temperature sensor should be PT100 type.		
4.7	Digital temperature display should be available.		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
4.8	The air circulation within the chamber should be with the help of inbuilt fan.		
4.9	High temperature safety cut off, and short circuit protection should be available.		
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 system 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	Must work on 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs and sockets. The main cable must come up with three pin top.		
7	Standards and Safety Requirements		
7.1	Must submit ISO or CE documents along with the product.		
7.2	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.		
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.		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
9	Warranty		
9.1	Comprehensive warranty for 1 years after acceptance.		
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	User (Operating) Manual in English		
11.2	Certificate of calibration and inspection from factory.		

Signature

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	Insectary Humidifier		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	Insectary humidifier is used to maintain and regulate humidity in the insectary or general lab.		
2	Operational Requirements		
2.1	Should be light weight and easy to use.		
3	System Configuration		
3.1	Should be light weight and easy to use.		
4	Technical Specifications		
4.1	It should be made up of stainless steel 304		
4.2	It should have the capacity to humidify 250 cubic meters in just 30-60 minutes.		
4.3	Should have auto water let in option through the float valve		
4.4	The control unit should be able to maintain the relative humidity		
4.5	Should work on a 220 volt, single phase, 50 hz ac supply		
5	Accessories, spares and consumables		
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		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	specify the quantity of every item included in their offer (including items not specified above).		
6	Operating Environment		
6.1	The system 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.		
7	User Training		
7.1	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.		
8	Warranty		
8.1	Comprehensive warranty for 1 year after successful installation of the machine.		
9	Installation and Commissioning		
9.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel		

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NEC:- 290 'A'

S.N.	Purchaser's Specifications		Status (Comply/ Not Comply)	Remarks
	UV Radiation Chamber			
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	Description of Function			
1.1	Ultraviolet radiation chamber is the chamber used for maintaining the sterilization after the instruments have been sterilized by autoclave or sterilizer.			
2	Operational Requirements			
2.1	Should be operable in the working environment of the lab			
3	System Configuration			
3.1	The internal chamber should be made up of high quality (rust proof) stainless steel with brighter mirror finish sheet which reflects the UV rays to pass uniformly through entire work surface area.			
4	Technical Specifications			
4.1	The inner chamber should be made up of high quality stainless steel			
4.2	The chamber should have UV light source. The supplier should also mention the power of the light source.			
4.3	A door switch should be available to immediately cut off the UV source when the door is opened to reduce the chances of UV exposure.			
4.4	The chamber dimension should be 30 * 19 * 20 cm or more.			
4.5	The machine should support at least 12 removable trays of stainless steel			

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
4.6	The trays should be autoclavable		
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 system 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	Must work on 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs and sockets. The main cable must come up with three pin top.		
7	Standards and Safety Requirements		
7.1	Must submit ISO or CE documents along with the product.		
7.2	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.		
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 1 year after successful installation of the machine.		

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Biomedical Engineer
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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
10	Installation and Commissioning		
10.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel		
11	Documentation		
11.1	User (Operating) Manual in English		
11.2	Certificate of calibration and inspection from factory.		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	Air Conditioner		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	An air conditioner maintains a set temperature inside the room.		
2	Operational Requirements		
2.1	It should be applicable for both heating and cooling the room.		
3	System Configuration		
3.1	The machine should be easy to operate and maintain by the user.		
4	Technical Specifications		
4.1	Air conditioner type should be non-inverter type		
4.2	The purpose of air conditioner is for heating and cooling		
4.3	The cooling capacity should be 2 tons		
4.4	Should have remote control		
4.5	The noise level should not exceed 31 dBA		
4.6	Should have indoor temperature indicator		
4.7	Should have auto air swing function		
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		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	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 system 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	Must work on 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs and sockets. The main cable must come up with three pin top.		
7	Standards and Safety Requirements		
7.1	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.		
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 1 year after complete installation of the machines.		
10	Installation and Commissioning		
10.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel.		
11	Documentation		

Signature

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
11.1	User (Operating) Manuals in English		
11.2	Certificate of calibration and inspection from factory.		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
	Refrigerator		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	Refrigerator transfers heat from its inside to its external environment for maintaining cooling temperature within the chamber		
2	Operational Requirements		
2.1	The bottom freezer will be given higher priority		
3	System Configuration		
3.1	The machine should be easy to operate and maintain by the user.		
4	Technical Specifications		
4.1	It should be vertical, front opening, complete assembled unit, and plug to start type.		
4.2	The internal capacity should be 250 liters or more		
4.3	Should have two external doors.		
4.4	Should have air circulating fan in it		
4.5	Should have frost free defrosting technology		
4.6	Should have option for temperature control		
4.7	Should have three or more shelves		
4.8	Should have two or more bottle shelves		

Seal

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NEC:- 290 'A'

S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
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 system 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	Must work on 220-240V/ 50 Hz AC Single phase fitted with appropriate plugs and sockets. The main cable must come up with three pin top.		
7	Standards and Safety Requirements		
7.1	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.		
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 1 year after complete installation of the machines.		
10	Installation and Commissioning		

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S.N.	Purchaser's Specifications	Status (Comply/ Not Comply)	Remarks
10.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel.		
11	Documentation		
11.1	User (Operating) Manuals in English		
11.2	Certificate of calibration and inspection from factory.		

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