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Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 10584746  
Procuring Entity BAGUIO WATER DISTRICT - BAGUIO CITY  
Title 1 unit Fully Automatic Test Bench for DN15 to DN50  
Area of Delivery Benguet

<b>Solicitation Number:</b> 02-037P		<b>Status</b>	<b>Pending</b>
<b>Trade Agreement:</b> Implementing Rules and Regulations			
<b>Procurement Mode:</b> Public Bidding		<b>Associated Components</b>	1
<b>Classification:</b> Goods			
<b>Category:</b> Engineering and Laboratory Testing Equipment		<b>Bid Supplements</b>	0
<b>Approved Budget for the Contract:</b> PHP 30,470,000.00			
<b>Delivery Period:</b>		<b>Document Request List</b>	0
<b>Client Agency:</b>			
<b>Contact Person:</b> Ma. Luisa C Tenedero Chairperson, Bids and Awards Committee BWD Compound, Utility Road Baguio City Benguet Philippines 2600 63-74-4424858 63-74-4424858 purchasing.bwd2014@gmail.com		<b>Date Published</b>	23/02/2024
		<b>Last Updated / Time</b>	22/02/2024 07:53 AM
		<b>Closing Date / Time</b>	20/03/2024 13:30 PM
<b>Description</b>  Fully Automatic Test Bench for DN15 to DN50 Measuring Components <ul style="list-style-type: none"><li>• Flow Meter Specifications<ul style="list-style-type: none"><li>◦ Flowmeter Type: Electromagnetic Flowmeter</li><li>◦ Electrodes: fixed two pairs of Hastelloy C2</li><li>◦ IP Korumasi: IP 66/67 EN 60529</li><li>◦ Display Screen: IFC 100 Compact Model</li><li>◦ Voltage: 24V</li></ul></li><li>• Pressure Transmitter Specifications<ul style="list-style-type: none"><li>◦ Measuring Range: 0-40 Bar</li><li>◦ Control Signal: 4-20mA</li></ul></li><li>• Temperature Sensors Specifications<ul style="list-style-type: none"><li>◦ Measuring Range: 0-100°C</li><li>◦ Temperature Sensor: PT 100</li></ul></li><li>• Optic Sensors Specifications<ul style="list-style-type: none"><li>◦ Accuracy Class: 1</li><li>◦ Setting: Manual or Automatic</li><li>◦ Output PNP ve NPN</li></ul></li><li>• Exterior Material: ABS</li><li>• IP Protection Class IEC IP67; NEMA 6</li><li>• Voltage: 24V</li><li>• Electronic Scale Specifications<ul style="list-style-type: none"><li>◦ Measuring Range: 300 kg (*)</li></ul></li></ul>			



- Linearity: 2g±
- Sensitivity: 5g
- IP Class: IP66 veya IP67 Cleanable Unit
- Working Principle: (Loadcell with Electromagnetic level balancing + IDNET converter)
- Scale Screen
- IP Class: 69k
- Serial: RS232
- Body Type: AISI 304
- Screen LCD Crystal Screen
- Pumps
- Big Pump Specifications
- Control Type: Frequency Controlled
- Working Principle: Centrifuge
- Obtainable Working Pressure: 11 bar
- Maximum Flowrate: 31,25 m3/h (\*)
- Small Pump Specifications
- Control Type: Frequency Controlled
- Obtainable Working Pressure: 5 bar
- Maximum Flowrate: 0.5 m3/h (\*)
- Water Tanks
- Specifications of Water Tanks
- Material Type: AISI 304 Stainless Steel
- Main Water Tank: 600 liters
- Scale Tank: 150 liters
- Discharge Tank: 12 liters
- Body
- Specifications
- Material Type: ST-37
- Paint Type: Epoxy
- Regulatory and Controlling Equipment
- Compression Piston
- Static Pressure Piston
- Regulator Valves
- Specifications
- Valve Type: Engined, 2 ways pneumatic valve
- KVS: 0.25 2.5 100
- Material: Stainless Steel
- Working Range: -10 / 220 C
- Flow Characteristic: Evenly
- Engine Type: 5824 5824 5824
- Voltage: 24V
- Control Signal: 4-20Ma
- Pneumatic Valves
- Pressure Regulator
- Computer
- With the test bench program in the computer
- PLC Screen
- Specifications
- Screen Size: 10"
- Screen Type: Color Screen
- Input Mode: Touch Screen
- Connection Type: USB + Ethernet + RS32 +RS488 hernet + RS32 +RS 488
- Numeric Keyboard (Wireless)
- Electrical Panel
- Electrical panel which located on the test bench has PLC command unit, power source (24V), frequency control unit which set the motors rotation of pumps, electrical switches which run the devices that operates with electric Connection Apparatus
- Specifications:
- Material Type: POM
- Nominal Diameter / Meter Length: DN15 / 170mm
- Nominal Diameter / Meter Length: DN20 / 190mm
- Nominal Diameter / Meter Length: DN25 / 260mm
- Nominal Diameter / Meter Length: DN32 / 260mm
- Nominal Diameter / Meter Length: DN40 / 300mm
- Nominal Diameter / Meter Length: DN50 / 300mm
- Compressor
- Specifications
- Air Pressure (Minimum): 6 bar
- Air Tank Capacity: 50 litre
- Voltage: 220 V
- Approved Budget Cost: ₺30,470,000.00 / unit



Envelope "A" to contain the following, among others:

- A refundable bid bond in the form of cash, Manager's or Cashier's check equivalent to 2% or a surety bond callable on demand issued by a surety or insurance company duly certified by the Insurance Commission equivalent to 5% of the total approved budget cost is required for a total purchase bid amount of ₱50,000.00 and above. Validity of the surety bond is 120 days from the date of opening of bids OR Bid Securing Declaration regardless of the amount of bid;
- Terms of payment, delivery, warranty, bid validity, and complete specifications;
- Brochure/s (Original);
- Proof of payment of a non-refundable fee of ₱25,000.00; otherwise, bids shall not be opened
- Certificate of Authorized Distributorship / Dealership issued by the Principal Supplier to the participating bidder (with red ribbon) if none has been submitted to the BAC in its Accreditation;  
-For bidders who have principal foreign suppliers, the BWD-BAC shall accept an Apostilled Certificate of Authorized Distributorship / Dealership issued by a competent authority of the host government in lieu of the Certificate of Authorized Distributorship / Dealership (with red ribbon), except for non-contracting countries to the Apostille Convention, which still require the red ribbon requirement.  
-For locally produced/manufactured products, only a certificate of Authorized Distributorship / Dealership w/o red ribbon is required if applicable;
- ISO Certificate issued to the principal supplier/participating bidder for the offered material or equipment brand name (if none has been submitted to the BAC in its Accreditation);
- International Certificate of Warranty.

Envelope "B" to contain the bid cost per unit.  
Pre-bid conference: March 8, 2024  
9:30am via Zoom Application  
Meeting ID: 452 718 8447  
Password: 9Buvqr

**Pre-bid Conference**

Date	Time	Venue
08/03/2024	9:30:00 AM	Pre-bid conference: March 8, 2024 9:30am via Zoom Application Meeting ID: 452 718 8447 Password: 9Buvqr

**Created by**Ma. Luisa C Tenedero

**Date Created**22/02/2024

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