



# PhilGEPS

Philippine Government Electronic Procurement System

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## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 9930944  
**Procuring Entity** BAGUIO WATER DISTRICT - BAGUIO CITY  
**Title** Various Variable Frequency Drive  
**Area of Delivery** Benguet

<b>Solicitation Number:</b> 07-051P-R	<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> Industrial Machinery and Equipment	<b>Bid Supplements</b>	0
<b>Approved Budget for the Contract:</b> PHP 2,830,000.00		
<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>	12/07/2023
	<b>Last Updated / Time</b>	11/07/2023 10:30 AM
	<b>Closing Date / Time</b>	07/08/2023 13:30 PM

#### Description

1 unit Variable Frequency Drive adaptable to 75Hp, 460V, 3phase, 60Hz Submersible Motor  
 Capacity of Pressure Transmitter: 0 – 25 bars  
 (please see complete specifications below)  
 Approved Budget Cost: P500,000.00 / unit

1 unit Variable Frequency Drive adaptable to 125Hp, 460V, 3phase, 60Hz Submersible Motor  
 Capacity of Pressure Transmitter: 0 – 25 bars  
 (please see complete specifications below)  
 Approved Budget Cost: P690,000.00 / unit

1 unit Variable Frequency Drive adaptable to 150Hp, 460V, 3phase, 60Hz Submersible Motor  
 Capacity of Pressure Transmitter: 25 bars  
 (please see complete specifications below)  
 Approved Budget Cost: P820,000.00 / unit

1 unit Variable Frequency Drive adaptable to 150Hp - minimum, 460V, 3phase, 60Hz Submersible Motor  
 Capacity of Pressure Transmitter: 25 bars  
 (please see complete specifications below)  
 Approved Budget Cost: P820,000.00 / unit

Standard Specifications for Variable Frequency Drive



1 MAIN SUPPLY (L1, L2, L3)  
 Supply Voltage: 3 x 380-480V AC or as specified by end-user  
 Supply Frequency: 60 Hz  
 Displacement Power Factor: > 0.98  
 True Power Factor: 0.9  
 Switching on Input Supply L1, L2, L3: 1 – 2 times /minute

2 OUTPUT DATA (U, V, W)  
 Output Voltage: 0 - 100%  
 Switching on Output: Unlimited  
 Ramp Times: 0.1 – 3600 seconds  
 Maximum Output Frequency: 590 Hz

3 DIGITAL INPUTS  
 Programmable Digital Inputs: 6  
 Logic: PNP  
 Voltage Level: 0 – 24V DC

4 ANALOGUE INPUTS  
 Number of Analogue Inputs: 2  
 Modes: Current  
 Voltage Level: - 10 to +10 (scaleable)  
 Current Level: 0/4 to 20mA (scaleable)

5 PULSE INPUTS  
 Programmable Pulse Inputs: 2  
 Voltage Level: 0-24V DC (PNP positive logic)  
 Pulse Input Accuracy: Max. error: 0.1% of full scale

6 ANALOGUE OUTPUT  
 Programmable Analogue Outputs: 1  
 Current Range at Analogue Output: 0-4 - 20mA

7 RELAY OUTPUTS  
 Programmable Relay Outputs: 2

8 FIELDBUS COMMUNICATION: Ethernet IP  
 9 AMBIENT TEMPERATURE: Up to 55°C  
 10 HARDWARE SPECIFICATIONS: IP 55 Enclosure  
 11 OTHER ACCESSORIES  
 Pressure Transmitter \_\_\_\_\_ Bars

Note: Supplier to submit sole / exclusive distributorship certificate.

Note: Not to be awarded on a one (1) lot basis.

This is a two (2) envelope system:

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

- a) 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;
- b) Terms of payment, delivery, warranty, bid validity, and complete specifications;
- c) Brochure/s (Original);
- d) Proof of payment of a non-refundable fee of ₱5,000.00; otherwise, bids shall not be opened
- e) 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;
- f) 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);
- g) International Certificate of Warranty.

Envelope "B" to contain the bid cost per unit.

#### Pre-bid Conference

Date

Time

Venue



25/07/2023

9:30:00 AM

Pre-bid conference: July 25, 2023

9:30am via Zoom Application

Meeting ID: 452 718 8447




Password: 9Buvqr

**Created by** Ma. Luisa C Tenedero**Date Created** 11/07/2023

The PhilGEPS team is not responsible for any typographical errors or misinformation presented in the system. PhilGEPS only displays information provided for by its clients, and any queries regarding the postings should be directed to the contact person/s of the concerned party.

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  	<b>BAGUIO WATER DISTRICT</b> <b>BWD Compound, Utility Road, Baguio City 2600</b>	Document No.	ADM-PUR-F003
	<b>REQUEST FOR BIDS/QUOTATION (RQ)</b>	Revision Date	February 15, 2020
		Revision No.	01

To: \_\_\_\_\_  
(Name of Supplier)

Contact Person: \_\_\_\_\_




Address: \_\_\_\_\_

Contact no.: \_\_\_\_\_



RQ No.: **07 – 051P-R**  
PR / JO No.: **051P**  
Date of RQ: **July 3, 2023**  
Purpose of RQ:  
For upgrade of controls of 1. Lagman DW, 2. Irisan 1 DW, 3. Amparo 3 DW, 4. Amparo 4 DW

NOTE: DATA REQUIRED MUST BE FILLED UP COMPLETELY. FAILURE TO INDICATE THE PRICE VALIDITY, TERMS, WARANTY PERIOD AND DELIVERY PERIOD SHALL MEAN OUTRIGHT DISQUALIFICATION OF BIDS				
	Qty.	Description	U-Price	Total
<b>VALIDITY DATE:</b>  _____ day <b>(30 days minimum)</b>	1 unit	Variable Frequency Drive adaptable to 75Hp, 460V, 3phase, 60Hz Submersible Motor Capacity of Pressure Transmitter: 0 – 25 bars (please see complete specifications below) Approved Budget Cost: ₱500,000.00 / unit		
<b>DELIVERY :</b>  _____ working days _____ calendar days _____ FOB warehouse	1 unit	Variable Frequency Drive adaptable to 125Hp, 460V, 3phase, 60Hz Submersible Motor Capacity of Pressure Transmitter: 0 – 25 bars (please see complete specifications below) Approved Budget Cost: ₱690,000.00 / unit		
<b>WARRANTY</b>  _____ calendar days upon acceptance.	1 unit	Variable Frequency Drive adaptable to 150Hp, 460V, 3phase, 60Hz Submersible Motor Capacity of Pressure Transmitter: 25 bars (please see complete specifications below) Approved Budget Cost: ₱820,000.00 / unit		
<b>TERMS:</b>	1 unit	Variable Frequency Drive adaptable to 150Hp - minimum, 460V, 3phase, 60Hz Submersible Motor Capacity of Pressure Transmitter: 25 bars (please see complete specifications below) Approved Budget Cost: ₱820,000.00 / unit		
<b>Standard Specifications for Variable Frequency Drive</b>				
1 <b>MAIN SUPPLY (L1, L2, L3)</b>				
Supply Voltage		3 x 380-480V AC or as specified by end-user		
Supply Frequency		60 Hz		
Displacement Power Factor		> 0.98		
True Power Factor		0.9		
Switching on Input Supply L1, L2, L3		1 – 2 times / minute		
2 <b>OUTPUT DATA (U, V, W)</b>				
Output Voltage		0 - 100%		
Switching on Output		Unlimited		
Ramp Times		0.1 – 3600 seconds		
Maximum Output Frequency		590 Hz		

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  		<b>BAGUIO WATER DISTRICT</b> <b>BWD Compound, Utility Road, Baguio City 2600</b> <b>REQUEST FOR BIDS/QUOTATION (RQ)</b>		Document No.	ADM-PUR-F003
				Revision Date	February 15, 2020
				Revision No.	01
		<p>3 <b>DIGITAL INPUTS</b></p> <p>Programmable Digital Inputs      6</p> <p>Logic    PNP</p> <p>Voltage Level                                  0 – 24V DC</p> <p>4 <b>ANALOGUE INPUTS</b></p> <p>Number of Analogue Inputs      2</p> <p>Modes    Current</p> <p>Voltage Level                                  - 10 to +10 (scaleable)</p> <p>Current Level                                  0/4 to 20mA (scaleable)</p> <p>5 <b>PULSE INPUTS</b></p> <p>Programmable Pulse Inputs      2</p> <p>Voltage Level                                  0-24V DC (PNP positive logic)</p> <p>Pulse Input Accuracy                      Max. error: 0.1% of full scale</p> <p>6 <b>ANALOGUE OUTPUT</b></p> <p>Programmable Analogue                  1</p> <p>Outputs</p> <p>Current Range at Analogue              0-4 - 20mA</p> <p>Output</p> <p>7 <b>RELAY OUTPUTS</b></p> <p>Programmable Relay Outputs      2</p> <p>8 <b>FIELD BUS COMMUNICATION</b> Ethernet IP</p> <p>9 <b>AMBIENT TEMPERATURE</b> Up to 55°C</p> <p>10 <b>HARDWARE</b> IP 55 Enclosure</p> <p><b>SPECIFICATIONS</b></p> <p>11 <b>OTHER ACCESSORIES</b></p> <p>Pressure Transmitter                      ____ Bars</p> <p>Note: Supplier to submit sole / exclusive distributorship certificate.</p> <p><b>Note: Not to be awarded on a one (1) lot basis.</b></p> <p style="text-align: center;"><b>x x x x x</b></p> <p><b>This is a two (2) envelope system:</b>  <b>Envelope “A” to contain the following; among others:</b></p> <p>a) A refundable bid bond in the form of cash, Manager's or Cashier's check equivalent to 2% or 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 <b>OR</b> Bid Securing Declaration regardless of amount of bid;</p> <p>b) Terms of payment, delivery, warranty, bid validity and complete specifications;</p> <p>c) Brochure/s (Original);</p> <p>d) Proof of payment of a non-refundable fee of</p>			

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		<p><b>₱5,000.00</b>; otherwise, bids shall not be opened</p> <p>e) 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;</p> <p>-For bidders who have foreign principal 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.</p> <p>-For locally produced / manufactured products, only a certificate of Authorized Distributorship / Dealership w/o red ribbon is required if applicable;</p> <p>f) 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);</p> <p>g) International Certificate of Warranty.</p> <p><b>Envelope “B” to contain the bid cost per unit.</b></p> <p><b>Pre-bid conference: July 25, 2023</b> <b>9:30am via Zoom Application</b> <b>Meeting ID: 452 718 8447</b> <b>Password: 9Buvqr</b></p> <p>X X X X X</p> <p>Note: not to be awarded on a one (1) lot basis.</p>		

By: Supplier or Authorized Representative: \_\_\_\_\_ ( sign over printed name )

Deadline of submission of bids: August 07, 2023 Opening of bids: 1:30 pm

Prepared by:  <u>MGLamangan</u> PURCHASING	Noted by:  <u>ATTY. MA. LUISA C. TENEDERO</u> BAC IN-HOUSE	 <u>ENGR. REYNALDO C. JAYCO</u> BAC-TECHNICAL
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**BWD RESERVES THE RIGHT TO REJECT BIDS &/OR DECLARE A FAILURE OF BIDDING  
PURSUANT TO THE PERTINENT PROVISIONS OF RA 9184  
Telefax No. (074) 442-4858 (Purchasing) / 444-7246**