



PhilGEPS

Philippine Government Electronic Procurement System

Central Portal for
Philippine Government
Procurement Opportunities

Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 10337598
Procuring Entity BAGUIO WATER DISTRICT - BAGUIO CITY
Title 1 Lot Submersible Pump and Motor with Variable Frequency Drive
Area of Delivery Benguet

Solicitation Number: 11-174P-E	Status	Pending
Trade Agreement: Implementing Rules and Regulations		
Procurement Mode: Public Bidding	Associated Components	1
Classification: Goods		
Category: Industrial pumps and compressors	Bid Supplements	0
Approved Budget for the Contract: PHP 1,050,000.00		
Delivery Period:	Document Request List	0
Client Agency:		
Contact Person: 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	Date Published	21/11/2023
	Last Updated / Time	20/11/2023 09:19 AM
	Closing Date / Time	18/12/2023 13:30 PM

Description

1 LOT Submersible motor with the following specifications:

I. General Requirements:

Rating : 30 Hp
Nominal Voltage : 460 V
Frequency : 60 Hz
Standard Diameter : 6 – 8 Inches
Lead Wire or Cables : Plug-in or Detachable
Rotor Spline : NEMA Standard
Nominal Speed : 3600 rpm
Number of Phase : 3

II. Material Components:

End Castings : Gray Iron
Stator Shell : 301 SS
Stator Ends : Low Carbon Steel
Shaft Extension : 303 SS (5-30HP) 17-4 SS (40-60HP)
Fasteners : 300 and 400 Series SS
Seal Cover : 304 SS and Sintered Bronze
Seal : Carbon Ceramic Face
Diaphragm : Nitrile

Diaphragm Plate : 304,SS
 Diaphragm Spring : 302 SS
 Slinger : Nitrile
 Lead Wire (or Cable) : XLPE 125°C
 Lead Potting : Epoxy
 Lead Jam Nut : 300 Series SS
 Filter : Delrin and Polyester

III. Must Submit authenticated Certificate of dealership or distributorship with red ribbon

IV. ISO Certified

Coupled to: Submersible Turbine Pump, all stainless construction

I. General Requirements:

Capacity : 150 gpm

TDH : 475 ft

Eff. @ Rated Capacity : 70 %

Speed (nominal): 3600 rpm

Std. Dia. : Not more than 6 inches

Check Valve and Strainer: Built-in: Capable to handle sand content from 50 to 150 ppm on certain pump sizes

Coupling: Spline type in NEMA standard.

III. Others

Discharge Nipple : 4" Ø x 12" S-40, BI or SS

Discharge Coupling : 4" Ø S-80, BI or SS

IV. Must submit an authenticated certificate of Dealership / Distributorship with Red Ribbon.

V. ISO Certified

(Please refer to attached for complete specifications.)

With Variable Frequency Drive Adaptable to 50 hp

Voltage Rating: 460V

Supply Freq.: 60Hz

No. of Phase: 3

Capacity of pressure transmitter: 0-25 bars

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 25 Bars

Approved Budget Cost: ₱1,050,000.00 / lot

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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, a 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. The 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 or 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 or manufactured products, only a certificate of Authorized Distributorship or Dealership without a red ribbon is required, if applicable.
- f) ISO Certificate issued to the principal supplier or 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: December 4, 2023

9:30am via Zoom Application

Meeting ID: 452 718 8447

Password: 9Buvqr




Pre-bid Conference

Date	Time	Venue
04/12/2023	9:30:00 AM	Pre-bid conference: December 4, 2023 9:30am via Zoom Application Meeting ID: 452 718 8447 Password: 9Buvqr

Created by Ma. Luisa C Tenedero

Date Created 20/11/2023

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.

  	BAGUIO WATER DISTRICT BWD Compound, Utility Road, Baguio City 2600		Document No.	ADM-PUR-F003
	REQUEST FOR BIDS/QUOTATION (RQ)		Revision Date	October 29, 2019
			Revision No.	02

To: _____

 (Name of Supplier)

Contact Person: _____

Address: _____

Contact no.: _____

RQ No.: **11 – 174P-E**

PR / JO No.: **174P**

Date of RQ: **November 8, 2023**

Purpose of RQ:
 Proposed Gibraltar DW2

Commissioning:
 Item B: Electro-mechanical System

NOTE: DATA REQUIRED MUST BE FILLED UP COMPLETELY. FAILURE TO INDICATE THE PRICE VALIDITY, TERMS, WARRANTY PERIOD AND DELIVERY PERIOD SHALL MEAN OUTRIGHT DISQUALIFICATION OF BIDS

	Qty.	Description	U-Price	Total
VALIDITY DATE: _____ day (30 days minimum) DELIVERY: _____ working days _____ calendar days _____ FOB warehouse WARRANTY _____ calendar days upon acceptance. TERMS:	1 lot	Submersible Motor with the following specifications: I. General Requirements: Rating : 30 Hp Nominal Voltage : 460 V Frequency : 60 Hz Standard Diameter : 6 – 8 Inches Lead Wire / Cables : Plug-in or Detachable Rotor Spline : NEMA Standard Nominal Speed : 3600 rpm Number of Phase : 3 II. Material Components: End Castings : Gray Iron Stator Shell : 301 SS Stator Ends : Low Carbon Steel Shaft Extension : 303 SS (5-30HP) : 17-4 SS (40-60HP) Fasteners : 300 & 400 Series SS Seal Cover : 304 SS & Sintered Bronze Seal : Carbon Ceramic Face Diaphragm : Nitrile Diaphragm Plate : 304 SS Diaphragm Spring : 302 SS Slinger : Nitrile Lead Wire (or Cable) : XLPE 125°C Lead Potting : Epoxy Lead Jam Nut : 300 Series SS Filter : Delrin & Polyester III. Must Submit authenticated Certificate of dealership / distributorship with red ribbon IV. ISO Certified		

December 18, 2023



BAGUIO WATER DISTRICT
BWD Compound, Utility Road, Baguio City 2600

Document No.

ADM-PUR-F003

Revision Date

October 29, 2019

Revision No.

02

REQUEST FOR BIDS/QUOTATION (RQ)

Coupled to: Submersible Turbine Pump, all stainless construction

I. General Requirements:

Capacity : **150 gpm**
TDH : **475 ft**
Eff. @ Rated Capacity : **70 %**
Speed (Nominal) : **3600 rpm**
Std. Dia. : **Not more than 6 inches**

Check Valve and Strainer: Built-in

- Capable to handle sand content from 50 to 150ppm on certain pump sizes

Coupling : **Spline type in NEMA std.**

III. Others

Discharge Nipple : **4" Ø x 12" S-40, BI or SS**

Discharge Coupling : **4" Ø S-80, BI or SS**

IV. Must submit Authenticated Certificate of Dealership / Distributorship with Red Ribbon

V. ISO Certified

(Please refer to attached for complete specifications)

with Variable Frequency Drive

Adaptable to 50hp

Voltage Rating: 460V

Supply Freq.: 60Hz

No. of Phase: 3

Capacity of pressure transmitter: 0-25 bars

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

December 18, 2023



BAGUIO WATER DISTRICT
BWD Compound, Utility Road, Baguio City 2600

Document No. ADM-PUR-F003

Revision Date October 29, 2019

Revision No. 02

REQUEST FOR BIDS/QUOTATION (RQ)

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 1
 Outputs
 Current Range at Analogue 0-4 - 20mA
 Output

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 25 Bars

Approved Budget Cost: ₱1,050,000.00 / lot

X X X X X




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 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 amount of bid;

Signature


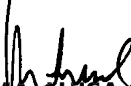

Signature
December 18, 2023

  	BAGUIO WATER DISTRICT BWD Compound, Utility Road, Baguio City 2600		Document No.	ADM-PUR-F003
	REQUEST FOR BIDS/QUOTATION (RQ)		Revision Date	October 29, 2019
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	<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 ₱5,000.00; 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; -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. -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>Envelope "B" to contain the bid cost per unit.</p> <p>Pre-bid conference: December 04, 2023 9:30am via Zoom Application Meeting ID: 452 718 8447 Password: 9Buvqr</p>		
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By: Supplier or Authorized Representative: _____ (sign over printed name)

Deadline of submission of bids: **December 18, 2023** Opening of bids: **1:30 pm**

Prepared by:  **M. LAMANGAN** Noted by:  **ATTY. MA. LUISA C. TENEDERO**  **ENGR. REYNALDO C. JAYCO**

PURCHASING BAC IN-HOUSE BAC-TECHNICAL

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