



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 11674669  
**Procuring Entity** BAGUIO WATER DISTRICT - BAGUIO CITY  
**Title** 3 sets Vertical Centrifugal Pump and Motor  
**Area of Delivery** Benguet

<b>Solicitation Number:</b>	01-177P-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 pumps and compressors	<b>Bid Supplements</b>	0
<b>Approved Budget for the Contract:</b>	PHP 8,298,000.00		
<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 63-74-4423456 63-74-4424858 bwd.bac2021@gmail.com	<b>Date Published</b>		21/01/2025
	<b>Last Updated / Time</b>		20/01/2025 08:35 AM
	<b>Closing Date / Time</b>		17/02/2025 13:30 PM

#### Description

3 sets Vertical Centrifugal Pump and Motor Motor Requirement

- Type: Induction
- HP Rating: 100 HP
- Nominal Voltage: 460V
- Supply Frequency: 60Hz
- Nominal Speed: 3600 RPM
- Number of Poles: \_\_\_\_\_
- Number of Phase: 3
- Insulation Class: F
- Efficiency at full load: not less than 90%
- Enclose Class: TEFC

Coupled and aligned with Heavy Duty Mounting Base to:

Pump Requirement:

- Capacity: 500 USGPM
- TDH: 550 feet
- Pump Efficiency: Not less than 75% at rated capacity

Construction Material

- Shaft Seal: Cartridge Type
- Shaft Seal Material: HQQE
- Pump Head: Stainless Steel
- Pump Shaft: Stainless Steel
- Impeller: Stainless Steel
- Chamber: Stainless Steel
- Outer Sleeve: Stainless Steel
- Base: Stainless Steel
- Neck Ring: PEEK / PTFE
- Support Bearing: Graflon / PTFE
- Bearing Rings: Tungsten Carbide / Silicon Carbide

Complete with Motor Control

Soft Starter

Soft starter adaptable to 100HP, 440V nominal,  
3 phase, 60Hz Submersible Motor

Soft Starter Specifications:

1 Main Voltage

L1, L2, L3

200VAC – 300VAC (+/-10%)

/ 380VAC – 600VAC (+/-10%)

2 Control Voltage

(A4, A6)

200-240VAC (+10% / -15%)

Main Frequency

60Hz (+/- 10%)

Rated insulation voltage

to earth

600VAC

Rated impulse withstand

voltage

4kV

3 Short Circuit Capability

Coordination

Semi-conductor fuses

Prospective current

65kV

4 Outputs

Relay outputs

10A @ 250VAC resistive

Programmable outputs 1 (NC), 1 (NO), 1 (CO)

Analogue outputs

4-20mA

Maximum load

600Ω (12VDC @ 20mA)

accuracy +/-5%

24VDC output, maximum

load

200mA (accuracy +/- 10%)

5 Environmental

Protection

IP20 & NEMA, UL indoor

type 1

Operating temperature -10°C to 60°C

Storage temperature

-25°C to 60°C

6 Heat Dissipation

During start

4.5 watts per ampere

- For on-site delivery

- Supplier to provide high tensile mounting bolts for pump base

- Supplier to provide BNG and flanges for both suction and discharge ports

- Supplier to provide manufacturer pump test result upon delivery

- Supplier to provide brochure with full specification and pump curve of offered booster pump

Approved Budget Cost: ₱2,766,000.00 / set

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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, 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;
- 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 ₱10,000.00; 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 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;
- 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
03/02/2025	9:30:00 AM	Pre-bid conference: 9:30am via Zoom Application Meeting ID: 452 718 8447 Password: 9Buvqr

**Created by** Ma. Luisa C Tenedero

**Date Created** 20/01/2025

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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 1, 2024
		Revision No.	03

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

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

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

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

RQ No.: **01 – 177P-R**

PR / JO No.: **177P**

Date of RQ: **January 17, 2025**

Purpose of RQ:  
For Lagman, Camp 8 and Marcos  
Highway Booster

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
<b>VALIDITY DATE:</b>  _____ day <b>(30 days minimum)</b>  <b>DELIVERY:</b>  _____ working days _____ calendar days _____ FOB warehouse  <b>WARRANTY</b>  _____ calendar days upon acceptance.  <b>TERMS:</b>	<b>3 sets</b>	<b>Vertical Centrifugal Pump and Motor</b>  <b>Motor Requirement</b> <ul style="list-style-type: none"><li>Type: <b>Induction</b></li><li>HP Rating: <b>100 HP</b></li><li>Nominal Voltage: <b>460V</b></li><li>Supply Frequency: <b>60Hz</b></li><li>Nominal Speed: <b>3600 RPM</b></li><li>Number of Poles: _____</li><li>Number of Phase: <b>3</b></li><li>Insulation Class: <b>F</b></li><li>Efficiency at full load: <b>not less than 90%</b></li><li>Enclose Class: <b>TEFC</b></li></ul> Coupled and aligned with Heavy Duty Mounting Base to:  <b>Pump Requirement:</b> <ul style="list-style-type: none"><li>Capacity: <b>500 USGPM</b></li><li>TDH: <b>550 feet</b></li><li>Pump Efficiency: <b>Not less than 75% at rated capacity</b></li></ul> <b>Construction Material</b> <ul style="list-style-type: none"><li>Shaft Seal: <b>Cartridge Type</b></li><li>Shaft Seal Material: <b>HQQE</b></li><li>Pump Head: <b>Stainless Steel</b></li><li>Pump Shaft: <b>Stainless Steel</b></li><li>Impeller: <b>Stainless Steel</b></li><li>Chamber: <b>Stainless Steel</b></li><li>Outer Sleeve: <b>Stainless Steel</b></li><li>Base: <b>Stainless Steel</b></li><li>Neck Ring: <b>PEEK / PTFE</b></li><li>Support Bearing: <b>Graflon / PTFE</b></li><li>Bearing Rings: <b>Tungsten Carbide / Silicon Carbide</b></li></ul> <b>Complete with Motor Control</b>  <b>Soft Starter</b> Soft starter adaptable to <b>100HP, 440V nominal, 3 phase, 60Hz</b> Submersible Motor		

February 17, 2025

signed






Document No.	ADM-PUR-F003
Revision Date	February 1, 2024
Revision No.	03

Soft Starter Specifications:		
1	Main Voltage L1, L2, L3	200VAC – 300VAC (+/-10%) / 380VAC – 600VAC (+/-10%)
2	Control Voltage (A4, A6)	200-240VAC (+10% / -15%)
	Main Frequency	60Hz (+/- 10%)
	Rated insulation voltage to earth	600VAC
	Rated impulse withstand voltage	4kV
3	Short Circuit Capability	
	Coordination	Semi-conductor fuses
	Prospective current	65kV
4	Outputs	
	Relay outputs	10A @ 250VAC resistive
	Programmable outputs	1 (NC), 1 (NO), 1 (CO)
	Analogue outputs	4-20mA
	Maximum load	600Ω (12VDC @ 20mA) accuracy +/-5%
	24VDC output, maximum load	200mA (accuracy +/- 10%)
5	Environmental	
	Protection	IP20 & NEMA, UL indoor type 1
	Operating temperature	-10°C to 60°C
	Storage temperature	-25°C to 60°C
6	Heat Dissipation	
	During start	4.5 watts per ampere
- For on-site delivery		
- Supplier to provide high tensile mounting bolts for pump base		
- Supplier to provide BNG and flanges for both suction and discharge ports		
- Supplier to provide manufacturer pump test result upon delivery		
- Supplier to provide brochure with full specification and pump curve of offered booster pump		

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**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




  	<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 1, 2024
			Revision No.	03
		<p>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 <b>₱10,000.00</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> <ul style="list-style-type: none"><li>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.</li><li>For locally produced / manufactured products, only a certificate of Authorized Distributorship / Dealership w/o red ribbon is required if applicable;</li></ul> <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: February 3, 2025</b> <b>9:30am via Zoom Application</b> <b>Meeting ID: 452 718 8447</b> <b>Password: 9Buvqr</b></p>		

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

Deadline of submission of bids: **February 17, 2025** Opening of bids: **1:30 pm**

Prepared by: <u>signed</u> <b>PAUL TRAJANO</b> OIC - PURCHASING	Noted by: <u>signed</u> <b>ATTY. MA. LUISA C. TENEDERO</b> BAC IN-HOUSE	<u>signed</u> <b>ENGR. REYNALDO C. JAYCO</b> 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  
BWD DOES NOT ENGAGE IN SOLICITATION OF FUNDS FROM ANY INDIVIDUALS OR ENTITIES, AND WE STRONGLY ADVISE  
AGAINST RESPONDING TO ANY UNAUTHORIZED REQUESTS CLAIMING ASSOCIATION WITH OUR ORGANIZATION.**

  	<b>BAGUIO WATER DISTRICT</b>		Document Code	<b>TWG-TECH EVALUATION</b>
	<i>"Serving Mankind is Serving God"</i>		Document No.	TWG-2023-
	<b>TWG SPECIFICATION</b>		Effectivity Date	January 2020
			Revision No.	00

### STANDARD SPECIFICATION FOR TRANSFER PUMP (BOOSTER PUMP)

Multi Stage horizontal / Vertical end suction booster pump with the following specifications:

#### **Motor Requirement:**

Type : Induction  
Rating : \_\_\_\_\_, HP  
Nominal Voltage : \_\_\_\_\_, Volts  
Supply Frequency : \_\_\_\_\_, Hz  
Nominal Speed : \_\_\_\_\_, rpm  
No. of Poles : \_\_\_\_\_  
No. of Phase : \_\_\_\_\_  
Insulation Class : \_\_\_\_\_  
Efficiency at Full Load : Not less than 90%  
Enclosure Class: : \_\_\_\_\_

COUPLED TO

#### **Pump Requirement:**

Capacity : \_\_\_\_\_, gpm  
Total Dynamic Head : \_\_\_\_\_, ft  
Pump Efficiency : \_\_\_\_\_

#### *Construction Material*

Shaft Seal : Cartridge Type  
Shaft Seal Material : HQQE  
Pump Head : Stainless Steel  
Pump Shaft : Stainless Steel  
Impeller : Stainless Steel  
Chamber : Stainless Steel

**Signed**



**BAGUIO WATER DISTRICT***"Serving Mankind is Serving God"***TWG SPECIFICATION**

Document Code

**TWG-TECH EVALUATION**

Document No.

TWG-2023-

Effectivity Date

January 2020

Revision No.

00

Outer Sleeve : Stainless Steel  
Base : Stainless Steel  
Neck Ring : PEEK / PTFE  
Support Bearing : Graflon / PTFE  
Bearing Rings : Tungsten Carbide / Silicon Carbide

**TECHNICAL WORKING GROUP:****Signed**

~~REYNALDO PERIA~~  
Vice Chairperson

**Signed**

~~EDGAR V. SUPNET~~  
Member

**Signed**

~~TIFFANY A. GANADEN~~  
Member

**Signed**

~~KEITH L. CACAS~~  
Member

**Signed**

~~STEPHEN F. MANANGAN~~  
Member

**Signed**

~~JOSHUA B. PAMAYLAON~~  
Member

Recommending Approval;

Approved by:

**Signed**

~~REYNALDO C. JAYCO~~  
Chairperson




1/9/25

**Signed**

~~SALVADOR M. ROYECA~~  
General Manager

BAGUIO WATER DISTRICT
PURCHASING SECTION
DATE: 17-Jan-2025
RECEIVED BY: <b>Signed</b>



  	<b>BAGUIO WATER DISTRICT</b>	Document Code	<b>TWG-TECH EVALUATION</b>
		Document No.	TWG-2023-
	<b>TWG SPECIFICATION</b>	Effectivity Date	January 2020
		Revision No.	00




### STANDARD SPECIFICATION FOR SOFT STARTER

Capacity of motor to be controlled by Soft Starter

Motor Rating : \_\_\_\_\_ hp  
 Motor Voltage Rating : \_\_\_\_\_, V  
 Supply Frequency : \_\_\_\_\_, Hz  
 Number of Phase : \_\_\_\_\_  
 Nominal Speed : \_\_\_\_\_ rpm

Soft Starter Specification

1. Main Voltage (L1, L2, L3) : 200VAC – 300VAC (+/- 10%)  
/ 380VAC – 600VAC (+/- 10%)
2. Control Voltage
  - (A4, A6) : 200 – 240 VAC (+10% / -15%)
  - Main Frequency : 60Hz (+/- 10%)
  - Rated Insulation Voltage to Earth : 600VAC
  - Rated Impulse withstand Voltage : 4KV
3. Short Circuit Capability
  - Coordination : Semi-conductor Fuses
  - Prospective Current : 65KV
4. Outputs
  - Relay Outputs : 10A at 250VAC resistive
  - Programmable Outputs : 1 (NC), 1 (NO), 1 (CO)
  - Analogue Outputs : 4 – 20 mA
  - Maximum Load : 600ohm (12VDC at 20mA)
  - Accuracy +/- 5%
  - 24VDC Output, Maximum Load : 200 mA
  - Accuracy +/- 10%

  	<b>BAGUIO WATER DISTRICT</b>		Document Code	<b>TWG-TECH EVALUATION</b>
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			Revision No.	00

## 5. Environmental

- Protection
- Operating Temperature
- Storage Temperature

: IP20 / NEMA UL indoor Type 1

: -10 deg C to 60 deg C

: -25 deg C – 60 deg C

## 6. Heat Dissipation during Start

: 4.5 watts per ampere

## TECHNICAL WORKING GROUP:

**Signed**

**REYNALDO A. PERIA**  
Vice Chairperson

**Signed**

**EDGAR V. SUPNET**  
Member

**Signed**

**TIFFANY A. GANADEN**  
Member

**Signed**

**KEITH L. CACAS**  
Member

**Signed**

**STEPHEN F. MANANGAN**  
Member

**Signed**

**JOSHUA B. PAMAYLAON**  
Member

Recommending Approval;

**Signed**

**REYNALDO C. JAYCO** 1/9/25  
Chairperson

Approved by:

**Signed**

**SALVADOR M. ROYECA**  
General Manager

BAGUIO WATER DISTRICT
PURCHASING SECTION
DATE: 17-Jan-2025
RECEIVED BY: <b>Signed</b>