



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 11706057  
**Procuring Entity** BAGUIO WATER DISTRICT - BAGUIO CITY  
**Title** 4 sets Submersible Motor 20HP  
**Area of Delivery** Benguet

<b>Solicitation Number:</b>	01 – 183P-C-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 1,874,000.00		
<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>		31/01/2025
	<b>Last Updated / Time</b>		30/01/2025 11:14 AM
	<b>Closing Date / Time</b>		26/02/2025 13:30 PM

#### Description

1 set (For Dominican Barrel)  
Submersible Pump  
Capacity : 100 gpm  
TDH : 450 ft  
Eff. @ Rated Capacity : Not less than 60%  
Speed (Nominal) : 3600 rpm nominal  
Discharge Nipple with coupling: 12" Schedule 80, BI  
Diameter of Nipple and Coupling will depend on the discharge port  
Coupled to: Submersible Motor  
Rating : 20 Hp  
Nominal Voltage : 460 V nominal  
Number of Phase : 3 Phase  
Frequency : 60 Hz  
(Please refer to attached for complete specifications)  
\*Maximum Diameter: 6 inches  
With Complete Motor Control  
Soft Starter  
Soft Starter Adaptable to 25hp, 460v nominal,  
3 phase, 60Hz submersible motor  
Approved Budget Cost: ₱425,000.00 / set

2 sets (1 set City Camp DW; 1 set City Camp Lagoon DW)  
Submersible Pump  
Capacity : 80 gpm  
TDH : 600 ft  
Eff. @ Rated Capacity : Not less than 60%  
Speed (Nominal) : 3600 rpm nominal  
Discharge Nipple with coupling: 12" Schedule 80, BI  
Diameter of Nipple and Coupling will depend on the  
discharge port  
Coupled to: Submersible Motor  
Rating : 20 Hp  
Nominal Voltage : 460 V nominal  
Number of Phase : 3 Phase  
Frequency : 60 Hz  
(Please refer to attached for complete specifications)  
\*Maximum Diameter: 6 inches  
With Complete Motor Control  
Soft Starter  
Soft Starter Adaptable to 25hp, 460v nominal,  
3 phase, 60Hz submersible motor  
Approved Budget Cost: ₱400,000.00 / set

1 set (For Skating Rink DW)  
Submersible Pump  
Capacity : 60 gpm  
TDH : 700 ft  
Eff. @ Rated Capacity : Not less than 60%  
Speed (Nominal) : 3600 rpm nominal  
Discharge Nipple with coupling: 12" Schedule 80, BI  
Diameter of Nipple and Coupling will depend on the  
discharge port  
Coupled to: Submersible Motor  
Rating : 20 Hp  
Nominal Voltage : 460 V nominal  
Number of Phase : 3 Phase  
Frequency : 60 Hz  
(Please refer to attached for complete specifications)  
\*Maximum Diameter: 6 inches  
With Complete Motor Control  
Soft Starter  
Soft Starter Adaptable to 25hp, 460v nominal,  
3 phase, 60Hz submersible motor  
Approved Budget Cost: ₱649,000.00 / set

- \* Supplier to provide manufacturer pump test result upon delivery
- \* Supplier to provide brochure with full specification and pump curve of offered booster pump
- \* Supplier to be present during testing commissioning

x x x x x

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 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 ₱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 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**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
14/02/2025	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** 30/01/2025

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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 – 183P-C-R**




PR / JO No.: **183P**

Date of RQ: **01/27/25**

Purpose of RQ:  
For spares of submersible pump and  
motors for various pumping stations

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>	1 set	(For Dominican Barrel) <b>Submersible Pump</b> Capacity : 100 gpm TDH : 450 ft Eff. @ Rated Capacity : Not less than 60% Speed (Nominal) : 3600 rpm nominal Discharge Nipple with coupling: 12" Schedule 80, BI Diameter of Nipple and Coupling will depend on the discharge port <b>Coupled to: Submersible Motor</b> Rating : 20 Hp Nominal Voltage : 460 V nominal Number of Phase : 3 Phase Frequency : 60 Hz (Please refer to attached for complete specifications)  *Maximum Diameter: 6 inches  <b>With Complete Motor Control</b> <b>Soft Starter</b> <b>Soft Starter Adaptable to 25hp, 460v nominal, 3 phase, 60Hz submersible motor</b>  <b>Approved Budget Cost: ₱425,000.00 / set</b>		
	2 sets	(1 set City Camp DW; 1 set City Camp Lagoon DW) <b>Submersible Pump</b> Capacity : 80 gpm TDH : 600 ft Eff. @ Rated Capacity : Not less than 60% Speed (Nominal) : 3600 rpm nominal Discharge Nipple with coupling: 12" Schedule 80, BI Diameter of Nipple and Coupling will depend on the discharge port <b>Coupled to: Submersible Motor</b> Rating : 20 Hp Nominal Voltage : 460 V nominal Number of Phase : 3 Phase Frequency : 60 Hz (Please refer to attached for complete specifications)  *Maximum Diameter: 6 inches		

		<b>With Complete Motor Control</b> <b>Soft Starter</b> <b>Soft Starter Adaptable to 25hp, 460v nominal,</b> <b>3 phase, 60Hz submersible motor</b>  <b>Approved Budget Cost: ₱400,000.00 / set</b>		
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		* Supplier to provide manufacturer pump test result upon delivery  * Supplier to provide brochure with full specification and pump curve of offered booster pump  * Supplier to be present during testing commissioning X X X X X  <b>Note: Not to be awarded on a one (1) lot basis.</b>  <b>This is a two (2) envelope system:</b>  <b>Envelope "A" to contain the following; among others:</b> 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.		

  	<div>BAGUIO WATER DISTRICT BWD Compound, Utility Road, Baguio City 2600</div> <div>REQUEST FOR BIDS/QUOTATION (RQ)</div>	<div>Document No. ADM-PUR-F003</div> <div>Revision Date February 1, 2024</div> <div>Revision No. 03</div>
	<p>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>₱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> <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 14, 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 26, 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
-----------------------------------------------------------------------	-------------------------------------------------------------------------------	------------------------------------------------------------------

**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>
		Document No.	TWG-2023-
	<b>TWG SPECIFICATION</b>	Effectivity Date	January 2020
		Revision No.	00




## STANDARD SPECIFICATION FOR SUBMERSIBLE MOTOR

### I. GENERAL REQUIREMENT:

Rating : \_\_\_\_\_ Hp  
 Nominal Voltage : \_\_\_\_\_ V  
 No. of Phase : \_\_\_\_\_  
 Frequency : \_\_\_\_\_ Hz  
 Std. Diameter : \_\_\_\_\_ Inches  
 Lead Wire / Cables : Plug-in / Detachable  
 Rotor Spline : NEMA Standard

### II. MATERIAL COMPONENTS

	<u>4"</u>	<u>6"</u>	<u>8"</u>
<u>End Casting</u>	<u>303 / 304 SS over Iron</u>	<u>Epoxy Coated Grey Iron / 316 SS</u>	<u>Epoxy Coated Grey Iron / 316 SS</u>
<u>Stator Shell</u>	<u>301 SS</u>	<u>300 SS / 301 SS / 316 SS</u>	<u>300 SS / 304 SS / 316 SS</u>
<u>Stator Ends</u>	<u>Low Carbon Steel</u>	<u>Low Carbon Steel / 316 SS</u>	<u>Low Carbon Steel / 316 SS</u>
<u>Shaft Extension</u>	<u>17-4 SS</u>	<u>300 SS (5 – 30hp) 17-4 SS (40-60hp)</u>	<u>17-4 SS</u>
<u>Fasteners / Bushing Retainer</u>	<u>300 Series SS</u>	<u>300SS / 316 SS</u>	<u>300SS / 316 SS</u>
<u>Seal Cover</u>	<u>Acetal / Sintered Bronze</u>	<u>304 SS / Sintered Bronze / 316 SS</u>	<u>304 SS / Sintered Bronze / 316 SS</u>
<u>Seal</u>	<u>Nitrile Rubber Lip / SiC Mech Seal</u>	<u>Carbon Ceramic Seal / Nitrile (5-40hp) / Viton (50-60hp)</u>	<u>Carbon Ceramic Seal (40-125hp)</u>
<u>Diaphragm</u>	<u>Nitrile Rubber</u>		<u>Nitrile / Viton</u>
<u>Diaphragm Cup / Plate</u>	<u>304 / 316 SS</u>	<u>300 SS / 304 SS / 316 SS</u>	<u>300 SS / 304 SS / 316 SS</u>
<u>Diaphragm Spring</u>	<u>302 / 316 SS</u>	<u>300 SS / 302 SS / 25-6 MO SS</u>	<u>300 SS / 302 SS / 316 SS</u>
<u>Diaphragm Cover</u>	<u>304 SS</u>		

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<u>Slinger</u>	<u>Nitrile Rubber</u>	<u>Nitrile (5-40hp) Viton 50-60hp)</u>	<u>Nitrile / Viton</u>
<u>Lead Wire (or Cable)</u>	<u>XLPE</u>	<u>XLPE</u>	<u>XLPE (#8 AWG) Hypalon (#4 and #2 AWG)</u>
<u>Lead Potting</u>	<u>Epoxy</u>	<u>Epoxy</u>	<u>Epoxy</u>
<u>Lead Screws / Clamp</u>	<u>300 / 316 SS</u>	<u>Brass / 316 SS</u>	<u>Brass / 316 SS (40 – 125 hp) 316 SS Plate (150 – 200hp)</u>
<u>Filter</u>	<u>Delrin and Polyester</u>		

**III. Must submit authenticated certificate of dealership / distributorship with Red Ribbon**

**IV. ISO Certified**

**NOTE: Blank Spaces to be filled up by the end user**

#### TECHNICAL WORKING GROUP:

*Signed*  
**BERNARDO 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**  
Chairperson

Approved by:

*Signed*  
**SAI VADOR M. ROYECA**  
General Manager

BAGUIO WATER DISTRICT	
PURCHASING SECTION	
DATE:	1/4/25
RECEIVED BY:	<i>Signed</i>



**BAGUIO WATER DISTRICT**  
"Serving mankind is serving God"

**REVISED STANDARD SPECIFICATIONS FOR SUBMERSIBLE PUMP**

**I. GENERAL REQUIREMENTS:**

CAPACITY	:	_____	gpm
TDH	:	_____	ft
EFF @ RATED CAPACITY	:	_____	%
SPEED	:	_____	rpm
STD. DIA,	:	_____	inches
CHECK VALVE AND STRAINER	:	Standard built-in stop ring to prevent upthrust damage during critical start up and stopping phase	
	:	Capable to handle sand content from 50 to 150ppm on certain pump sizes	
COUPLING	:	NEMA std spline type	

**II. MATERIAL COMPONENTS:**

Valve Casing	:	Stainless steel
Valve cup	:	Stainless steel
Neck ring:		
For pump capacity: 1-5 cum/hr	:	NBR/TPU
For pump capacity: 7-14 cum/hr	:	TPU/PPS-FKM
For pump capacity: 17-60 cum/hr	:	NBR-FKM-LSR
For pump capacity: 77 cum & above	:	NBR-FKM
Bearing:		
• Replaceable wear ring, bearing and neck ring for easy maintenance		
• Sealed top bearing for high resistance against sand		
• Octagonal shape bearings with sand flush channels to reduce abrasive wear		
For pump capacity: 1-5 cum/hr	:	NBR
For pump capacity: 7-14 cum/hr	:	LSR-FKM
For pump capacity: 17-60 cum/hr	:	NBR-FKM
For pump capacity: 77 cum & above	:	NBR-FKM
Chamber	:	Stainless steel
Impeller	:	Stainless steel
Section interconnector	:	Cast stainless steel
Shaft complete	:	Stainless steel
Strap	:	Stainless steel
Cable guard	:	Stainless steel
Washer for stop ring	:	Carbon/graphite HY22 in PTFE mass
Strainer	:	Stainless steel
Valve seat:		
For pump capacity: 1-5 cum/hr	:	Rubber type/NBR
For pump capacity: 7-14 cum/hr	:	NBR-FKM
For pump capacity: 17-60 cum/hr	:	NBR-FKM
For pump capacity: 77 cum & above	:	NBR-FKM

III. OTHERS:

Discharge nipple : \_\_\_\_\_"Ø x 24" S-40 , Bl or SS  
Discharge coupling : \_\_\_\_\_"Ø S-80 , Bl or SS

IV. Must submit authenticated certificate of dealership / distributorship with red ribbon

V. ISO certified

**NOTE: Blank spaces shall be filled up by the end-user**

TECHNICAL STANDARDS COMMITTEE:

*Signed*  
**GUILLERMO V. LUCERO**  
Vice Chairperson

*Signed*  
**EDMUND Q. LLANES**  
Member

*Signed*  
**RODRIGO Q. DE VENECIA, Jr.**  
Member

Recommending Approval:

*Signed*  
**FERNANDO A. PERIA**  
Chairperson




*Signed*  
**ALLAN A. ABAD**  
Member

*Signed*  
**MARCO G. DELA CRUZ, JR.**  
Member

*Signed*  
**ELISEO E. BRILLANTES**  
Member

Approved by:

*Signed*  
**SALVADOR M. ROYECA**  
General Manager

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



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	<i>"Serving Mankind is Serving God"</i>		Document No.	TWG-2023-
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#### 5. Environmental

- Protection : IP20 / NEMA UL indoor Type 1
- Operating Temperature : -10 deg C to 60 deg C
- Storage Temperature : -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*

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**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>