#### **Bid Notice Abstract**

### **Invitation to Bid (ITB)**

**Reference Number** 11705930

Procuring Entity BAGUIO WATER DISTRICT - BAGUIO CITY

**Title** 4 sets Submersible Motor 15HP

Area of Delivery Benguet

Solicitation Number:	01 - 183P-B-R	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 1,719,000.00		
Delivery Period:		Document Request List	0
Client Agency:			
		Date Published	31/01/2025
Contact Person:	Ma. Luisa C Tenedero Chairperson, Bids and Awards Committee		
	BWD Compound, Utility Road Baguio City Benguet	Last Updated / Time	30/01/2025 10:54 AM
	Philippines 2600 63-74-4423456 63-74-4424858 bwd.bac2021@gmail.com	Closing Date / Time	26/02/2025 13:30 PM

#### **Description**

1 set (For Pinesville DW #2)

Submersible Pump Capacity: 80 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: 15 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 20hp, 460v nominal,

3 phase, 60Hz submersible motor Approved Budget Cost: ₱400,000.00 / set 1 set (For BGH DW) Submersible Pump Capacity: 60 gpm

TDH: 550 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: 15 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 20hp, 460v nominal,

3 phase, 60Hz submersible motor

Approved Budget Cost: ₱547,000.00 / set

1 set (For Idisan DW) Submersible Pump Capacity: 60 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: 15 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 20hp, 460v nominal,

3 phase, 60Hz submersible motor

Approved Budget Cost: ₱372,000.00 / set

1 set (For CBL DW) Submersible Pump Capacity: 80 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: 15 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 20hp, 460v nominal,

3 phase, 60Hz submersible motor

Approved Budget Cost: ₱400,000.00 / 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

 $x \times x \times x$ 

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

- 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**

Date Time Venue

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

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.



# **REQUEST FOR BIDS/QUOTATION (RQ)**

ocument No.	ADM-PUR-F003
evision Date	February 1, 2024
evision No.	03

То:		RQ No.:	01 – 183P-B-R
	(Name of Supplier)	PR / JO No.:	183P
Contact Person:		Date of RQ:	January 27, 2025
Address:		Purpose of RO	Q:
		For spares of	submersible pump and
Contact no.:		motors for va	rious 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 Description U-Price Total** Qty. (For Pinesville DW #2) **VALIDITY DATE:** 1 set Submersible Pump Capacity 80 gpm day TDH : 450 ft (30 days minimum) Eff. @ Rated Capacity : Not less than 60% Speed (Nominal) : 3600 rpm nominal **DELIVERY:** Discharge Nipple with coupling: 12" Schedule 80, BI Diameter of Nipple and Coupling will depend on the \_ working days \_ calendar days discharge port FOB warehouse Coupled to: Submersible Motor Rating 15 Hр **WARRANTY** Nominal Voltage 460 V nominal Number of Phase 3 **Phase** \_calendar days Frequency 60 Hz upon acceptance. (Please refer to attached for complete specifications) **TERMS:** \*Maximum Diameter: 6 inches With Complete Motor Control Soft Starter Soft Starter Adaptable to 20hp, 460v nominal, 3 phase, 60Hz submersible motor Approved Budget Cost: ₱400,000.00 / set (For BGH DW) 1 set **Submersible Pump** Capacity 60 gpm TDH 550 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



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

# **REQUEST FOR BIDS/QUOTATION (RQ)**

		_		•	Revision No.	03
	Coupled to: Submer	sible Mot	or			
	Rating	:	15	Нр		
	Nominal Voltage			-		
	Number of Phase		3	Phase		
	Frequency	•	60	Hz		
	(Please refer to attach	and for cor				
	(Flease Telei to attaci	ieu ioi coi	iipiete s	specifications)		
	*Maximum Diameter:	6 inches				
	With Complete Mot	or Contro	I			
	Soft Starter					
	Soft Starter Adaptal		-	nominal,		
	3 phase, 60Hz subm	ersible m	otor			
	Approved Budget C	ost: ₱547,	000.00	/ set		
	(For Idisan DW)					
1 set	Submersible Pump					
	Capacity		: 60	gpm		
	TDH		: 600	ft		
	Eff. @ Rated Capacity	,	: Not le	ess than 60%		
				rpm nomina	I	
	Discharge Nipple wit			-		
	Diameter of Nipple a					
	discharge port	•	3	•		
	Coupled to: Submer	sible Mot	or			
	Rating	:	15	Нр		
	Nominal Voltage	:	460	•		
	Number of Phase		3	Phase		
	Frequency	·	60	Hz		
	(Please refer to attack	ed for cor				
	(Fredse Ferei to detact	101 01	iipiete s	peemeations)		
	*Maximum Diameter:	6 inches				
	With Complete Mot	or Contro	ı			
	Soft Starter					
	Soft Starter Adaptal	ble to 20h	p, 460v	nominal,		
	3 phase, 60Hz subm	ersible m	otor			
	Approved Budget C	ost: ₱372,	00.00	/ set		
	(For CBL DW)					
1 set	Submersible Pump					
. 500	Capacity		. ഉ∩	gpm		
	' '					
	TDH		: 450	-		
	Eff. @ Rated Capacity	,		ess than 60%	1	
	Speed (Nominal)		3600	rpm nomina	l	



# **REQUEST FOR BIDS/QUOTATION (RQ)**

Document No. ADM-PUR-F003

Revision Date February 1, 2024

Revision No. 03

Discharge Nipple with coupling: 12" Schedule 80, BI
Diameter of Nipple and Coupling will depend on the
discharge port

**Coupled to: Submersible Motor** 

Rating : **15 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 20hp, 460v nominal,
3 phase, 60Hz submersible motor

Approved Budget Cost: ₱400,000.00 / 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  $x \times x \times x$

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 <u>OR</u> 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



# **REQUEST FOR BIDS/QUOTATION (RQ)**

Document No. ADM-PUR-F003

Revision Date February 1, 2024

Revision No. 03

		Revision INO.	03
Pre-bio	P5,000.00; 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 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;  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.  Pe "B" to contain the bid cost per unit.  d conference: February 14, 2025 in via Zoom Application	),	
	ng ID: 452 718 8447 ord: 9Buvqr		

y: Supplier or Authorized Representative:			( sign over printed name )	
Deadline of s	ubmission of bids:	February 26, 2025	_ Opening of bids: 1:30 pm	
Prepared by:	signed PAULTRAJANO	signed Noted by: ATTY. MA. LUISA C. TENEDERO	signed ENGR. REYNALDO C. JAYCO	
	OIC - 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
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	TWG-TECH EVALUATION
"Serving Mankind is Serving God"	Document No.	TWG-2023-
TWG SPECIFICATION	Effectivity Date	January 2020
	Revision No.	00

# STANDARD SPECIFICATION FOR SUBMERSIBLE MOTOR

GENERAL REQUIREME	NT:	
Rating	:	Нр
Nominal Voltage	:	V
No. of Phase	:	
Frequency	:	Hz
Std. Diameter	:	Inches
Lead Wire / Cables	: Plug-in /	Detachable
Rotor Spline	: NEMA St	andard

## **II. MATERIAL COMPONENTS**

	<u>4"</u>	<u>6"</u>	8"	
End Casting	303 / 304 SS over	<b>Epoxy Coated Grey</b>	<b>Epoxy Coated Grey</b>	
Lina casting	<u>Iron</u>	<u>Iron / 316 SS</u>	<u>Iron / 316 SS</u>	
Stator Shell	301 SS	300 SS / 301 SS /	300 SS / 304 SS /	
<u>otator orien</u>	30133	<u>316 SS</u>	<u>316 SS</u>	
Stator Ends	Low Carbon Steel	Low Carbon Steel /	Low Carbon Steel /	
<u> </u>	LOW Carbon Steel	<u>316 SS</u>	<u>316 SS</u>	
Shaft Extension	<u>17-4 SS</u>	300 SS (5 - 30hp)	17 / 55	
OTTATE EXCONSION	17 + 33	17-4 SS (40-60hp)	<u>17-4 SS</u>	
Fasteners / Bushing	300 Series \$S	300SS / 316 SS	20055 / 216 55	
Retainer	<u>500 501103 \$5</u>	30033 / 310 33	300SS / 316 SS	
Seal Cover	Acetal / Sintered	304 SS / Sintered	304 SS / Sintered	
<u>Scar cover</u>	<u>Bronze</u>	Bronze / 316 SS	Bronze / 316 SS	
	Nitrile Rubber Lip /	Carbon Ceramic Seal	Carbon Caramia Saal	
Seal	SiC Mech Seal	/ Nitrile (5-40hp) /	Carbon Ceramic Seal	
Name of the second second	SIC IVIECTI Seat	<u>Viton (50-60hp)</u>	(40-125hp)	
<u>Diaphragm</u>	<u>Nitrile Rubber</u>		Nitrile / Viton	
Diaphragm Cup /	304 / 316 SS	300 SS / 304 SS /	300 SS / 304 SS /	
<u>Plate</u>	304 / 310 33	316 SS	316 SS	
Diaphragm Spring	302 / 316 SS	300 SS / 302 SS /	300 SS / 302 SS /	
Diapinagin Spring	302 / 310 33	25-6 MO SS	316 SS	
Diaphragm Cover	304 SS			







# **BAGUIO WATER DISTRICT**

"Serving Mankind is Serving God"

### TWG SPECIFICATION

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

III. <u>Must submit authenticated certificate of dealership / distributorship with Red Ribbon</u>

**IV. ISO Certified** 

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

**TECHNICAL WORKING GROUP:** 

Signed

KERNAMBO A PERIA

VICE Unayperson

EDGARY SUPNET

Signed
TIRFANY & GANADEN
Member

KEITH'L. CACAS

Member

STEPHEN F. MANANGAN Member Signed
JOSHUA B. PAMAYLAON
Member

Recommending Approval;

Approved by:

BAGUIO WATER DISTRICT PURCHASING SECTION

REWNAL DO C. JAYCO
Chairperson

Signed
SAI VADOR M. ROYECA
Graperal Manager

1/4/25

Aller Signed

BAGUIO WATER DISTRICT
"Serving mankind is serving God"

# REVISED STANDARD SPECIFICATIONS FOR SUBMERSIBLE PUMP

l.	GENERAL REQUIREMENTS:				
	CAPACITY	•	gpm		
	TDH		ft		
	EFF @ RATED CAPACITY	: _	%		
	SPEED	: _	rpm		
	STD. DIA,	: _	inches		
	CHECK VALVE AND STRAINER	C	Standard built-in stop ring to prevent upthrust damage during critical start up and stopping phase		
		: (	Capable to handle sand content from 50 to 50ppm on certain pump sizes		
	COUPLING	: 1	NEMA std spline type		
II.	MATERIAL COMPONENTS:				
	Valve Casing	: 8	Stainless steel		
	Valve cup	: 5	Stainless steel		
	Neck ring:				
	For pump capacity: 1-5 cum/hr	: N	IBR/TPU		
	For pump capacity: 7-14 cum/hr	: Т	PU/PPS-FKM		
	For pump capacity: 17-60 cum/hr	: N	IBR-FKM-LSR		
	For pump capacity: 77 cum & above	: N	IBR-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	: N			
	For pump capacity: 7-14 cum/hr	: L	SR-FKM		
	For pump capacity: 17-60 cum/hr		BR-FKM		
	For pump capacity: 77 cum & above	: N	BR-FKM		
	Chamber	: S	tainless steel		
	Impeller		tainless steel		
	Section interconnector		ast stainless steel		
	Shaft complete		tainless steel		
	Strap		tainless steel		
	Cable guard		tainless steel		
	Washer for stop ring		arbon/graphite HY22 in PTFE mass		
	Strainer		tainless steel		
	Valve seat:				
	For pump capacity: 1-5 cum/hr	: Ri	ubber type/NBR		
	For pump capacity: 7-14 cum/hr		BR-FKM		
	For pump capacity: 17-60 cum/hr		BR-FKM		
	For pump capacity: 77 cum & above	: NE	BR-FKM		

Standard Specifications for Submersible Pump, page 2 Revised on January 09, 2017

III. OTHERS:

Discharge nipple

\_\_\_\_"Ø x 24" S-40

, BI or SS

Discharge coupling

\_\_\_\_"Ø S-80

, BI 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 O. 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



### **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

### STANDARD SPECIFICATION FOR SOFT STARTER

Capacity of motor to be controlled by Soft	acity of motor to be controlled by Soft Starter					
Motor Rating	:	hp				

Motor Voltage Rating : \_\_\_\_\_, V
Supply Frequency : H:

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

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%



# BAGUIO WATER DISTRICT

"Serving Mankind is Serving God"

# TWG SPECIFICATION

Document Code	TWG-TECH EVALUATION
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5. Environmental

Protection

Operating Temperature

Storage Temperature

6. Heat Dissipation during Start

: IP20 / NEMA UL indoor Type 1

: -10 deg C to 60 deg C

: -25 deg C - 60 deg C

: 4.5 watts per ampere

#### **TECHNICAL WORKING GROUP:**

Signed
REPORT PERIA

Vice Chairperson

Signed KEITH L. CACAS Member Signed EDGAR V. SUPNET Nember

Signed STEPHEN F. MANANGAN Member Signed TIFFANY A. GANADEN Member

Signed

JOSHUA B. PAMAYLAON

Member

Recommending Approval;

Signed
REYNALDOIC. JAYCO 19/25
Chairpelson

Approved by:

**Signed** 

SALVADOR M. ROYECA General Manager

BAGUIO WATER DISTRICT

PURCHASING SECTION

DATE: 17 - Jan - 2025

RECEIVED BY : Signed