



Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 11705843
Procuring Entity BAGUIO WATER DISTRICT - BAGUIO CITY
Title 2 sets Submersible Motor 10HP & 2 sets Submersible Motor 7.5HP
Area of Delivery Benguet

| | | | |
|--|--|------------------------------|---------------------|
| Solicitation Number: | 01 – 183P-A-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 1,619,000.00 | | |
| 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 63-74-4423456 63-74-4424858 bwd.bac2021@gmail.com | Date Published | 31/01/2025 |
| | | Last Updated / Time | 30/01/2025 10:43 AM |
| | | Closing Date / Time | 26/02/2025 13:30 PM |

Description

1 set (For City Camp Barrel)
Submersible Pump
Capacity : 80 gpm
TDH : 400 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 : 10 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 15hp, 460v nominal,
3 phase, 60Hz submersible motor
Approved Budget Cost: ₱513,000.00 / set

1 set (For Woodsville DW)
Submersible Pump
Capacity : 50 gpm
TDH : 500 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 : 10 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 15hp, 460v nominal,
3 phase, 60Hz submersible motor
Approved Budget Cost: ₱310,000.00 / set

1 set (For BWD DW)
Submersible Pump
Capacity : 30 gpm
TDH : 500 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 : 7.5 Hp
Nominal Voltage : 230 V nominal
Number of Phase : 3 Phase
Frequency : 60 Hz
(Please refer to attached for complete specifications)
*Maximum Diameter: 4 inches
With Complete Motor Control
Soft Starter
Soft Starter Adaptable to 10hp, 230v nominal,
3 phase, 60Hz submersible motor
Approved Budget Cost: ₱398,000.00 / set

1 set (Asin / Shangrila DW)
Submersible Pump
Capacity : 30 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 : 7.5 Hp
Nominal Voltage : 230 V nominal
Number of Phase : 3 Phase
Frequency : 60 Hz
(Please refer to attached for complete specifications)
*Maximum Diameter: 4 inches
With Complete Motor Control
Soft Starter
Soft Starter Adaptable to 10hp, 230v nominal,
3 phase, 60Hz submersible motor
Approved Budget Cost: ₱398,000.00 / 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

| 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.

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

To: _____

 (Name of Supplier)

Contact Person: _____

Address: _____

Contact no.: _____



RQ No.: **01 – 183P-A-R**




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




Date of RQ: **January 27, 2025**

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 |
| VALIDITY DATE: _____ day (30 days minimum) DELIVERY: _____ working days _____ calendar days _____ FOB warehouse WARRANTY _____ calendar days upon acceptance. TERMS: | 1 set | (For City Camp Barrel) Submersible Pump Capacity : 80 gpm TDH : 400 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 : 10 Hp Nominal Voltage : 460 V nominal Number of Phase : 3 Phase Frequency : 60 Hz (Please refer to attached for complete specifications) *Maximum Diameter: <u>6 inches</u> With Complete Motor Control Soft Starter Soft Starter Adaptable to 15hp, 460v nominal, 3 phase, 60Hz submersible motor Approved Budget Cost: ₱513,000.00 / set | | |
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| | | | | | | | |
|---|--------------|--|--|---------------|------------------|--|--|
|   | | BAGUIO WATER DISTRICT BWD Compound, Utility Road, Baguio City 2600 | | Document No. | ADM-PUR-F003 | | |
| | | REQUEST FOR BIDS/QUOTATION (RQ) | | Revision Date | February 1, 2024 | | |
| | | | | Revision No. | 03 | | |
| | | Coupled to: Submersible Motor Rating : 10 Hp Nominal Voltage : 460 V nominal Number of Phase : 3 Phase Frequency : 60 Hz (Please refer to attached for complete specifications) *Maximum Diameter: <u>6 inches</u> With Complete Motor Control Soft Starter Soft Starter Adaptable to 15hp, 460v nominal, 3 phase, 60Hz submersible motor Approved Budget Cost: ₱310,000.00 / set | | | | | |
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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 <div style="text-align: center;">X X X X X</div> 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: <ol style="list-style-type: none"> 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 | | | |




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| <p>₱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;</p> <ul style="list-style-type: none"> ◦ 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>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: February 14, 2025 9:30am via Zoom Application Meeting ID: 452 718 8447 Password: 9Buvqr</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: *signed* **PAUL TRAJANO** Noted by: *signed* **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.**

| | | | |
|--|------------------------------|------------------|----------------------------|
|    | BAGUIO WATER DISTRICT | Document Code | TWG-TECH EVALUATION |
| | | Document No. | TWG-2023- |
| | TWG SPECIFICATION | 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
REFYNAL M. C. JAYCO
Chairperson

Approved by:

Signed
SAM VADOR M. ROYECA
General Manager

| |
|---|
| BAGUIO WATER DISTRICT PURCHASING SECTION |
| DATE: 1/14/25 |
| 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

| | | | |
|--|------------------------------|------------------|----------------------------|
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| | TWG SPECIFICATION | 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- |
| | TWG SPECIFICATION | | Effectivity Date | January 2020 |
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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: Signed |