



BAGUIO WATER DISTRICT
"Serving Mankind is Serving God"

003 Purok BWD, Brgy., Marcoville, Baguio City
Tel. No. 442-4858 Fax No. 442-4858/444-7245

Document No.:	ADM-PUR-F006
Effectivity Date:	February 15, 2020
Revision No.:	00

No 035778

PURCHASE ORDER

Supplier	KEYLARGO INDUSTRIAL SALES	P.O. No.	35778
Tel No./ Fax No.	02-284-2856 / 961-52-60 local 218	Date	February 14, 2024
Address / TIN	1471 Quezon Ave. West Triangle Q.C.	PR No./Abstract No.	01-174P-E

Gentlemen/ Madam,

Please furnish this Office the following articles subject to the terms and conditions contained herein.

Place of Delivery :	<input type="checkbox"/> Pick up <input checked="" type="checkbox"/> FOB BWD Warehouse 10-25 weeks <input type="checkbox"/> Deliver at site	P.O. Valid Until :	30 W DPTS
Date of Delivery :	<input type="checkbox"/> Working days <input type="checkbox"/> Calendar Days upon receipt of PO	Warranty :	<input type="checkbox"/> Six months <input checked="" type="checkbox"/> One year <input type="checkbox"/> Others(Pls. Specify)
Delivery Term :	<input type="checkbox"/> full <input type="checkbox"/> partial delivery allowed		<input checked="" type="checkbox"/> 1% Retention Required <input type="checkbox"/> Performance Bond Required (5% if in check/50% if GSIS surety bond) <input checked="" type="checkbox"/> Subject to testing / inspection prior to payment
		Payment Term :	<input type="checkbox"/> COD <input type="checkbox"/> 30 Days <input checked="" type="checkbox"/> Others(Pls. Specify) CO DPTS

Quantity	Unit	Description/Specifications	Unit Cost	Amount
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1	lot	"Grundfos"(Denmark) Model: SP30-13 Submersible Deepwell Pump, 150 GPM x 475 feet TDH, 70% efficiency, 3600RPM, 6" Ø std dia.	1,050,000.00 ₱	1,050,000.00
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COUPLED TO:

"Franklin" (U.S.A.) Submersible Motor, 30HP, 460Volts, 60 Hz, 6"Ø,

Plug-in or detachable Lead Wires, NEMA Standard

with:

1 unit Danfoss (Denmark) Variable Frequency Drive

Model: FC202P45KT4.

Capacity of Motor to be controlled by VFD

Motor Rating: 50HP

Motor Voltage Rating: 460V

Supply Frequency: 60Hz

Number of Phase: Three phase

Capacity of pressure transmitter 0-25 bars.

X-X-X-X-X-X-X-X

(Please refer to the attached sheet for complete detailed specifications)

- Complete with capacitor starter

- Supplier to provide manufacturer pump test result upon delivery.

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

Note: Supplier to be present during testing commissioning



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2/14/24

Usage / Requisitioner **For the proposed Gibraltar DW2 Commissioning**
Item B: Electro-mechanical System

Prepared by:

Checked by:

Audited by:

Recommending Approval:

Approved By:

MARCOS G. LAMANGAN

ATTY. CHANELL DOZOR D. DE GUZMAN

LUZVIMIN G. RAMOS

ATTY. MA. LUISA C. TENEDERO

ENGR. SALVADORAL ROYECA

Purchasing Supervisor

Admin Division Manager

Internal Auditor

AGM-Adm./Com./Fin.

General Manager

Conforme:

Signature over Printed Name of Supplier

Date

Funds Available:

JELYN D. PENALES

Finance Manager

Acct. :

Operating / Maintenance Expense ☐

CAPEX ☒

Other Payables ☐



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

PURCHASE ORDER (P.O)

Document No. ADM-PUR-F006

Revision Date February 15, 2020

Revision No. 00

Supplier/Contractor	: KEYLARGO INDUSTRIAL SALES	Purchase Order No.	: 35778
Contact Number	: 02-248-2856/961-52-60 local 218	Date	: February 14, 2024
Address / TIN	: 1471 Quezon Ave. West Triangle Quezon City	PR No./Abstract No.	: 01-174P-E

Qty	Unit	Description	Unit Cost	Amount
1	unit	"Grundfos" (Denmark) Submersible Deepwell Pump Model: SP30-13	1,050,000.00	1,050,000.00
		I. General Requirements:		
		Capacity: 150 GPM		
		TDH: 475 feet		
		Eff. @ Rated Capacity: 70%		
		Speed (Nominal): 3600 rpm		
		Standard Diameter: Not more than 6 inches		
		Discharge Nipple with coupling: 12" Schedule 80, BI		
		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 Standard 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		
		Suction 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		



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Qty	Unit	Description	Unit Cost	Amount
		I. General Requirements:		
		Rating: 30HP		
		Nominal Voltage (V): 460 Volts		
		Number of Phase:		
		Frequency: 60Hz.		
		Lead Wire / Cables: Plug-in or Detachable		
		Rotor Spline: NEMA Standard		
		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		
		Diaphragm Cover:		
		Slinger: Nitrile		
		Lead Wire (or Cable): XLPE 125°C		
		Lead Potting: Epoxy		
		Lead Jam Nut:		
		Filter: Delrin & Polyester		
		III. Must submit the authenticated certificate of dealership/distributorship with a red ribbon		
		IV. ISO certified		
		<ul style="list-style-type: none">Complete with capacitor starterSupplier to provide manufacturer pump test result upon deliverySupplier to provide brochure with full specifications and pump curve of offered booster pump		
		With 1-unit "Danfoss" (Denmark) Variable Frequency Drive		
		Adaptable to 50HP, 460V, three phase, 60Hz Submersible Motor		
		Model: FC202P45KT4		
		Capacity of pressure transmitter: 0 – 25 bars		
		Standard Specifications for Variable Frequency Drive		
		1. MAIN SUPPLY (L1, L2, L3)		
		Supply Voltage: 3 x 380-480 VAC or as specified by end-user		
		Supply Frequency: 60Hz		
		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		



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BWD Compound, Utility Road, Baguio City 2600

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Revision Date February 15, 2020

Revision No. 00


PURCHASE ORDER (P.O)

Qty	Unit	Description	Unit Cost	Amount
		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: 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: 0-25 Bars		

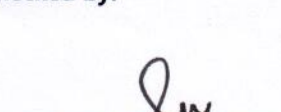
Total: ₱1,050,000.00

Usage: Spare Submersible Pump and Motor c/o Engr. JBPamaylaon

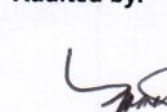
Prepared by:


M. G. Lamangan
SMPO

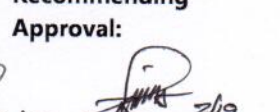
Checked by:


Atty. C.D. De Guzman
Administrative Div. Manager

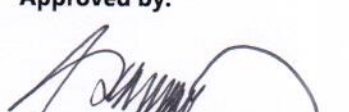
Audited by:


L. G. Ramos
Internal Auditor

**Recommending
Approval:**


Atty. M.L.C. Tenedero
AGM Adm./Com./Fin./ICT

Approved by:


Engr. Salvador M. Royeca
General Manager



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2/21/24



BAGUIO WATER DISTRICT
Bids and Awards Committee
(In-house)

RESOLUTION

Document Code: BAC_IH

Document No. BAC_IH_F002

Effective Date: 16 March 2020

Revision No. 00

BIDS AND AWARDS COMMITTEE

RESOLUTION NO. 004-2024

Request for Quotation (RQ) No. 11-174P-E:

One (1) lot of Submersible Motor coupled to Submersible Turbine Pump

WHEREAS, the Baguio Water District-Bids and Awards Committee (BWD-BAC), in accordance with the provisions of Republic Act (RA) No. 9184, conducted the bidding for the procurement of one (1) lot of Submersible Motor coupled to Submersible Turbine Pump, with required specifications under RQ No. 11-174P-E, dated 08 November 2023, under a two-envelope system of bidding;

WHEREAS, the approved budget cost is Php1,050,000.00/lot;

WHEREAS, only **KEYLARGO INDUSTRIAL SALES** submitted its bids and during the opening of the technical bid on 18 December 2023, it was determined that the lone bidder submitted complete documentary requirements; thus, its technical proposal was submitted to the Technical Working Group (TWG) for evaluation;

WHEREAS, on 22 December 2023, the technical bid of **KEYLARGO INDUSTRIAL SALES** was rated by the TWG as "complying";

WHEREAS, on 08 January 2024, the financial bid of the lone bidder was opened and the bid as read and calculated is as follows:

NAME OF BIDDER	BID AS READ AND CALCULATED (per lot)	% VARIANCE FROM ABC	ABC (per lot)
KEYLARGO INDUSTRIAL SALES	Php1,050,000.00	-0-	Php1,050,000.00

WHEREAS, upon post-qualification, careful examination, validation, and verification of all the documents submitted by and of the financial bid of the lone complying bidder, it has been determined that **KEYLARGO INDUSTRIAL SALES** submitted complete documents and its financial bid is determined to be responsive;

NOW THEREFORE, on motion duly seconded, be it

RESOLVED, as it is hereby resolved, to recommend to the Head of the Procuring Entity (HoPE) awarding the procurement of one (1) lot of Submersible Motor coupled to Submersible Turbine Pump to **KEYLARGO INDUSTRIAL SALES** with the offered brand and specifications for being the lone calculated responsive bidder.

UNANIMOUSLY APPROVED (09 January 2024)

Engr. Noriel C. Calpito
Vice-Chairperson

Rodrigo O. De Venecia, Jr
Member

Engr. Shayne Margie S. Abellera
Member

Romeo S. Adriano
Member

Engr. Dominic T. Agusdan
Member

Atty. Frances Louise E. Gener
Member