



**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 035293**

### PURCHASE ORDER

Supplier : <b>KEYLARGO INDUSTRIAL SALES</b>	P.O. No. : <b>35293</b>
Tel No./ Fax No. : <b>02-284-2856 / 961-52-60 local 218</b>	Date : <b>May 22, 2023</b>
Address / TIN : <b>1471 Quezon Ave. West Triangle Q.C.</b>	PR No./Abstract No. : <b>05-027P</b>

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 <input type="checkbox"/> Deliver at site	P.O. Valid Until : <u>30 working days</u> Warranty : <input type="checkbox"/> Six months <input checked="" type="checkbox"/> One year <input type="checkbox"/> Others (Pls. Specify)
Date of Delivery : <input type="checkbox"/> Working days <u>20-25 w.c.c.s</u> <input type="checkbox"/> Calendar Days upon receipt of PO	<input checked="" type="checkbox"/> 1% Retention Required <input type="checkbox"/> Performance Bond Required (5% if in check/50% if GSIS surety bond)
Delivery Term : <input type="checkbox"/> full <input type="checkbox"/> partial delivery allowed	Payment Term : <input type="checkbox"/> COD <input type="checkbox"/> 30 Days <input checked="" type="checkbox"/> Others (Pls. Specify) <u>60 days</u>

Quantity	Unit	Description/Specifications	Unit Cost	Amount
2	set	<p><b>"Grundfos" (Denmark) Vertical Multistage Centrifugal Pump</b>  <b>200 USGPM x 600ft, Model: CRN45-6-1-E-F-A-E-HQQE coupled to</b>  <b>Induction Motor 50HP, 460V, 60Hz, 3600 RPM, 3 Phase,</b>  <b>Class F Insulation, 93.6% efficiency at full load, TEFC enclose class</b>  <b>with suction and discharge ports on the same level (In-line) enabling</b>  <b>installation in a horizontal one-pipe system. Complete with Motor Control:</b>  <b>"Danfoss" (Denmark) Variable Frequency Drive adaptable to 75HP, 460V,</b>  <b>3 Phase, 60Hz., Submersible Motor Model: FC202P55KT4</b>            x x x x            (Please refer to the attached sheet for complete detailed specifications)</p> <ul style="list-style-type: none"> <li>- For on-site delivery</li> <li>- Supplier to provide high tensile mounting bolts for pump base</li> <li>- Supplier to provide BNG and flanges for both suction and discharge ports</li> <li>- Supplier to provide manufacturer pump test result upon delivery</li> <li>- Supplier to provide brochure with full specification and pump curve of offered booster pump</li> </ul> <p>Spare booster pumps for Pinsao 2 and Buyog Pumping Station c/o Engr. J.B.Pamaylaon</p>	1,400,000.00	<u>2,800,000.00</u>

Usage / Requisitioner

Prepared by:

Checked by:

Audited by:

Recommending Approval:

Approved By:

MARCOS G. LAMANGAN

ATTY. CHANEL DOLCRO DE GUZMAN

LUZVIMIN G. RAMOS

ATTY. MA. LUISA C. TENEDERO

ENGR. SALVADOR M. ROYCEA

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

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


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  	<b>BAGUIO WATER DISTRICT</b> <b>BWD Compound, Utility Road, Baguio City 2600</b>	Document No. <b>ADM-PUR-F006</b>
	<b>PURCHASE ORDER (P.O)</b>	Revision Date <b>February 15, 2020</b>
		Revision No. <b>00</b>

Supplier/Contractor	: <b>KEYLARGO INDUSTRIAL SALES</b>	Purchase Order No.	: <b>35293</b>
Contact Number	: <b>02-248-2856/961-52-60 local 218</b>	Date	: <b>May 22, 2023</b>
Address / TIN	: <b>1471 Quezon Ave. West Triangle Quezon City</b>	PR No./Abstract No.	: <b>05-027P</b>

Qty	Unit	Description	Unit Cost	Amount
1	Lot	<b>2 sets "GRUNDFOS" (Denmark) Vertical Multistage Centrifugal Pump and Motor with suction and discharge ports on the same level (In-line) enabling installation in a horizontal one-pipe system</b> <b>Model: CRN45-6-1-E-F-A-E-HQQE</b> <b>Motor Specifications:</b> - Type: <b>Induction</b> - HP Rating: <b>50HP</b> - Nominal Voltage: <b>460V</b> - Supply Frequency: <b>60Hz</b> - Nominal Speed: <b>3600 RPM</b> - Number of Phase: <b>3</b> - Insulation Class: <b>F</b> - Efficiency at full load: <b>93.6%</b> - Enclose Class: <b>TEFC</b> <b>Coupled and aligned with Heavy Duty Mounting Base to:</b> <b>Pump Requirement:</b> - Capacity: <b>200 USGPM</b> - TDH: <b>600ft</b> <b>Construction Material:</b> Shaft Seal: <b>Cartridge Type</b> Shaft Seal Material: <b>HQQE</b> Pump Head: <b>Cast Iron</b> Pump Shaft: <b>Stainless Steel</b> Impeller: <b>Stainless Steel</b> Chamber: <b>Stainless Steel</b> Outer Sleeve: <b>Stainless Steel</b> Base: <b>Cast Iron</b> Neck Ring: <b>PTFE</b> Support Bearing: <b>PTFE</b> Bearing Rings: <b>Silicon Carbide</b> Pump Efficiency: <b>78.5% at rated capacity</b> With flanges and bolts & nuts  <b>Complete with Motor Control:</b> <b>"Danfoss" (Denmark) Variable Frequency Drive adaptable to 75HP, 460V, 3 phase, 60Hz, submersible motor model FC202P55KT4</b>	1,400,000.00	2,800,000.00





**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

Qty	Unit	Description	Unit Cost	Amount
		<b>Standard Specifications for Variable Frequency Drive</b>		
		<b>1. MAIN SUPPLY (L1, L2, L3)</b>		
		Supply Voltage 3 x 380-480V AC		
		Supply Frequency 60 Hz		
		Displacement Power Factor > 0.98		
		True Power Factor 0.9		
		Switching on Input Supply L1, L2, L3 1 – 2 times / minute		
		<b>2. OUTPUT DATA (U, V, W)</b>		
		Output Voltage 0 – 100%		
		Switching on Output Unlimited		
		Ramp Times 0.1 – 3600 seconds		
		Maximum Output Frequency 590 Hz		
		<b>3. DIGITAL INPUTS</b>		
		Programmable Digital Inputs 6		
		Logic PNP		
		Voltage Level 0 – 24V DC		
		<b>4. ANALOGUE INPUTS</b>		
		Number of Analogue Inputs 2		
		Modes Current		
		Voltage Level - 10 to +10 (scaleable)		
		Current Level 0/4 to 20mA (scaleable)		
		<b>5. PULSE INPUTS</b>		
		Programmable Pulse Inputs 2		
		Voltage Level 0 – 24V DC (PNP positive logic)		
		Pulse Input Accuracy Max. error 0.1% of full scale		
		<b>6. ANALOGUE OUTPUT</b>		
		Programmable Analogue Outputs 1		
		Current Range at Analogue Output 0/4 – 20mA		
		<b>7. RELAY OUTPUTS</b>		
		Programmable Relay Outputs 2		
		<b>8. FIELDBUS COMMUNICATION</b> Ethernet IP		
		<b>9. AMBIENT TEMPERATURE</b> Up to 55°C		
		<b>10. HARDWARE SPECIFICATIONS</b> IP66 Enclosure		
		<b>11. OTHER ACCESSORIES</b>		
		Pressure Transmitter 25 Bars		

**Total: ₱2,800,000.00**

**Usage: Spare booster pumps for Pinsao 2 and Buyog PS c/o Engr. J.B.Pamaylaon**

Prepared by:

Checked by:

Audited by:

Recommending Approval:

Approved by:

**M. G. Lamangan**  
SMPO


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

**L. G. Ramos**  
Internal Auditor

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

**Engr. Salvador M. Royeca**  
General Manager



	<b>BAGUIO WATER DISTRICT</b> <b>Bids and Awards Committee</b> <b>(In-house)</b>	Document Code: BAC_IH	
		Document No. BAC_IH_F002	
		Effective Date: 16 March 2020	
	<b>RESOLUTION</b>	Revision No. 00	

**BIDS AND AWARDS COMMITTEE**  
**RESOLUTION NO. 028-2023**  
**(RQ No. 02-027P: Vertical Centrifugal Pump and Motor)**

**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 A, all with required specifications under Request for Quotation (RQ) No. 02-023P dated 20 February 2023, under a two-envelope system of bidding and to be purchased on a one (1) lot basis;

**WHEREAS**, the approved budget cost for the said procurement is Php1,480,000.00/set;

**WHEREAS**, **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC., KEYLARGO INDUSTRIAL SALES** and **P.T. CERNA CORPORATION** submitted their bids, and during the opening of technical bids on 22 March 2023, it was determined that **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** failed to submit a red-ribboned or apostilled Certificate of Authorized Distributorship/Dealership and International Certificate of Warranty issued by its foreign principal supplier and **P.T. CERNA CORPORATION** failed to submit a Certificate of Authorized Distribution/Dealership (with red ribbon or apostilled) issued by one of its principal suppliers and a Bid Securing Declaration that is not specific to the procurement; while **KEYLARGO INDUSTRIAL SALES** submitted complete documentary requirements for its two (2) principal suppliers;

**WHEREAS**, the bids submitted by **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** and **P.T. CERNA CORPORATION** were rated and declared as "failed" due to non-compliances with the BWD-BAC requirements; thus, both bidders were notified of their failed bids on 03 April 2023 and pursuant to the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, they were given a period of three (3) calendar days, or until 06 April 2023, to file their requests for reconsideration. *(A copy of the said letters is hereto attached as Annex "A")*;

**WHEREAS**, the period has already lapsed without any requests for reconsideration being received from **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** and **P.T. CERNA CORPORATION** thus, their "failed" ratings for failure to comply with the BWD-BAC requirements has become final;

**WHEREAS**, upon evaluation by the Technical Working Group of the offer of the complying bidder, **KEYLARGO INDUSTRIAL SALES**, it was determined that it submitted complying bid thus its financial bid was opened on 25 April 2023 and the bid as read and calculated is as follows:

NAME OF BIDDER	BRAND	BID AS READ AND CALCULATED (set)	% VARIANCE FROM ABC	ABC (set)
KEYLARGO INDUSTRIAL SALES	Grundfos and Danfoss	Php1,400,000.00	5.41%	Php1,480,000.00

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*[Signature]*



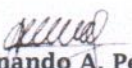
**WHEREAS**, upon qualification and careful examination, validation and verification of all the documents submitted by and of the financial bid of the complying bidder, it has been determined that **KEYLARGO INDUSTRIAL SALES** submitted complete documents and its financial bid was determined to be the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

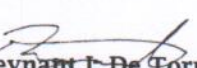
**NOW THEREFORE, on motion duly seconded, be it**


**RESOLVED**, as it is hereby resolved, to recommend to the Head of Procuring Entity (HOPE) the awarding of the procurement of two (2) sets vertical centrifugal pumps and motors with HP rating of 50HP, coupled and aligned with heavy duty mounting base with pump requirement of 200 USGPM capacity and variable frequency drive adaptable to 75HP, 460V, to **KEYLARGO INDUSTRIAL SALES**, with the offered brands and specifications for being the lone calculated responsive bidder.

**RESOLVED FURTHER**, to direct the BWD-BAC to inform **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** and **P.T. CERNA CORPORATION** of their final "failed" ratings and to return their sealed financial bids (Envelope B) submitted for this particular bidding.

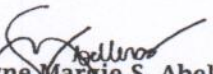
**UNANIMOUSLY APPROVED (25 April 2023)**


  
Engr. Fernando A. Peria  
Vice-Chairperson

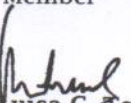
  
Engr. Reynant I. De Torres  
Member

  
Engr. Noriel C. Calpito  
Member

  
Engr. Michael Jordan E. Sison  
Member

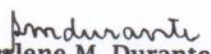
  
Engr. Shayne Margie S. Abellera  
Member

  
Geovani L. Piza  
Member

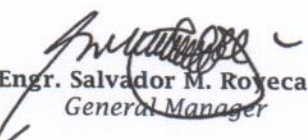
  
Atty. Ma. Luisa C. Tenedero  
Chairperson

Attested by the Secretariat:

  
Apple Jane P. Aviles

  
Sharlene M. Durante

Approved by:

  
Engr. Salvador M. Royeca  
General Manager