

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

PURCHASE ORDER (P.O)

Document No. ADM-PUR-F006 October 29, 2019 **Revision Date** Revision No. 02

No 036436

Sentlemen / Madam, 1971 Queson Ave. West Triangle Q.C. PR No. / Abstract No. 1978	Supplier / Contractor Contact Number	: KEYLARGO INDUSTRIAL SALES : 02-284-2856 / 961-52-60 local 218		Purchase Order No. Date		36436	
PR No. / Abstract No. : 11-1796 Please furnish this Offlice the following articles subject to the terms and conditions contained herein According to the following articles subject to the terms and conditions contained herein According to the following articles subject to the terms and conditions contained herein According to the following articles Purchase Order (PO) Valid Units:					:		
Please furnish this Office the following articles subject to the terms and conditions contained herein. Acc of Polivery			4.C.	PR No. / Abstract No.	:	The state of the s	
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ate of Delivery : Working Days Galendar Days upon receipt of PO CO-25 Usans Salendar Days Upon Salendar Days Upon Salendar Days Upon Salendar Days Upon Salendar Days Sal	N. P.	OB BWD Warehouse	Warranty:	Six Months One Year		1 (7)	
Calendar Days upon receipt of PO Calendar Days upon receipt of PO Portal Development P	ate of Dolivor)	☐ Others (p	lease specify)	
elivery Term: Full Partial Delivery allowed Partial Delivery allowed Partial Delivery allowed Partial Delivery allowed Payment Term: COD 30 Days Others (please specify) Subject to testing / inspection prior to payment Payment Term: COD 30 Days Others (please specify) Others (please specify) Subject to testing / inspection prior to payment Payment Term: COD 30 Days Others (please specify) O	ate of Delivery		☑ 1% Rete	ntion Required			
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Plunntity Unit Description / Specifications Unit Cost Amount 1 sets "Grundfos" (Denmark) Vertical Multistage Centrifugal Pump & Motor Pump Model: CRN64-4 E-F-A-E-HOGG, 200 USGPM, 450 feet, coupled to Induction Motor 60HP, 230V/460V, 60Hz, 3600 RPM, 2 Poles, 3-Phase, Class Finsulation, 93.6% efficiency at full load, TEFC enclose class. Complete with Motor Control: "Dands of Enclose Class." Complete with Motor Control: "Dands of Entrifugal Motor model: MCD60244BT552X00-CV2 Rating: 60HP, 240V (Nominal), 3-Phase, 60Hz Capacity of Pressure Transmitter of: 25 bars Control Body: IP20 (can be utilized as control shall be installed with in control panel) (Please refer to the attached sheet for complete detailed specifications) - For on-site delivery - Supplier to provide BNG and flanges for both suction and discharge ports - Supplier to provide BNG and flanges for both suction and discharge ports - Supplier to provide BNG and flanges for both suction and discharge ports - Supplier to provide brochure with full specification and pump curve of offered booster pump DEC 1 2024 Audited by Recommending Approval Amon San John San Joh			IN Subject (o testing / inspection prior t	O payment	surety bond)	
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Sets "Grundfos" (Denmark) Vertical Multistage Centrifugal Pump & Motor 1,740,000.00 P 3,460,000.00 P 1,740,000.00 P 1,740,000.	Quantity Unit				GO DAYS	rease speetry)	
Pump Model: CRNA-4 EF-AR-EHOQE, 300 USGPM, 450 feet, coupled to Induction Motor 60HP, 230V/460V, 60Hz, 3600 RPM, 2 Poles, 3-Phase. Class F Insulation, 93.6% efficiency at full load, TEFC enclose class. Complete with Motor Control: "Danfoss" (Denmark) Soft Starter Motor Controller. adaptable to Vertical Multistage Centrifugal Motor model: MCD60244BTS52X00-CV2 Rating: 60HP, 240V (Nominal), 3-Phase, 60Hz. Capacity of Pressure Transmitter of: 25 bars Control Body: IP20 (can be utilized as control shall be installed with in control panel) X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X		Description	/ Specifications		Unit Cost	A	
Induction Motor 60HP, 230V/460V, 60Hz, 360R MPM, 2 Poles, 3-Phase, Class F Insulation, 93.6% efficiency at full load, TEFC enclose class. Complete with Motor Control: "Danfoss" (Denmark) Soft Starter Motor Controller, adaptable to Vertical Multistage Centrifugal Motor model: MCD60244BTSS2X00-CV2 Rating: 60HP, 240V (Nominal), 3-Phase, 60Hz. Capacity of Pressure Transmitter of: 25 bars Control Body: IP20 (can be utilized as control shall be installed with in control panel) X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X	2 sets	"Grundfos" (Denmark) Vertical Mul	tistage Centrifugal D	0.14		Amount	
Class Finsulation, 93.6% efficiency at full load, TEFC enclose class. Complete with Motor Control: "Danfoss" (Denmark) Soft Starter Motor Controller adaptable to Vertical Multistage Centrifugal Motor model: MCD60244BT552X00-CV2 Rating: 60HP, 240V (Nominal), 3-Phase, 60Hz Capacity of Pressure Transmitter of: 25 bars Control Body: IP20 (can be utilized as control shall be installed with in control panel) ***************************** (Please refer to the attached sheet for complete detailed specifiactions) - For on-site delivery - Supplier to provide BMG and flanges for both suction and discharge ports - Supplier to provide BMG and flanges for both suction and discharge ports - Supplier to provide manufacturer pump test result upon delivery - Supplier to provide manufacturer pump test result upon delivery - Supplier to provide brochure with full specification and pump curve of offered booster pump **Dec 1 2024 ** **Audited by:** **Dec 1 2024 ** **Audited by:** **Dec 2024 **Audited by:** **Aud	,	Pump Model: CRN64-4 F-F-A-F-HO	OF 200 USCONA	ump & Motor 1,7	40,000.00 ₱	3,480,000,00	
Complete with Motor Control: "Danfoss" (Denmark) Soft Starter Motor Controller adaptable to Vertical Multistage Centrifugal Motor model: MCD60244BT552X00-CV2 Rating: 60HP, 240V (Nominal), 3-Phase, 60Hz. Capacity of Pressure Transmitter of: 25 bars Control Body: IP20 (can be utilized as control shall be installed with in control panel) ***X**X**X**X**X**X**X**X**X**X**X**X*		Induction Motor 60HB 330V/460V	QE, 300 USGPM, 450	foot county la	-	2,100,000.00	
Complete with Motor Control: "Danfoss" (Denmark) Soft Starter Motor Controller. adaptable to Vertical Multistage Centrifugal Motor model: MCD60244BT552X00-CV2 Rating: 60HP, 240V (Nominal), 3-Phase, 60H2. Capacity of Pressure Transmitter of: 25 bars Control Body: IP20 (can be utilized as control shall be installed with in control panel) **X**X**X**X**X**X**X**X** (Please refer to the attached sheet for complete detailed specifiactions) - For on-site delivery - Supplier to provide high tensile mounting bolts for pump base - Supplier to provide high tensile mounting bolts for pump base - Supplier to provide broad flanges for both suction and discharge ports - Supplier to provide broad flanges for both suction and discharge ports - Supplier to provide broad flanges for both suction and pump curve of offered booster pump **IFET DE** **Checked by: **DEC** **Checked by: **DEC** **DE		Class Finsulation 92 69 attack	60Hz, 3600 RPM, 2 F	Poles, 3-Phase,			
Rating: 60HP, 24DV (Nominal), 3-Phase, 60Hz. Capacity of Pressure Transmitter of: 25 bars Control Body: IP20 (can be utilized as control shall be installed with in control panel) X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X		modulation, 33.0% efficiency	at full load, TEFC enc	lose class.			
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Supplier to provide BNG and flanges for both suction and discharge ports - Supplier to provide manufacturer pump test result upon delivery - Supplier to provide brochure with full specification and pump curve of offered booster pump For Calpito Booster Pump Checked by:		- Supplier to provide high tensile mo	ounting bolts for pum	p base			
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age / Requisitioner: For Calpito Booster Pump 1 6 DEC 2024 Audited by: Recommending Approval: April Dec 2024 Signature over Printed Name of Supplier Signature over Printed Name of Supplier Audited by: Recommending Approval: April No. 1 1 2024 LIZYING READ STANDS ATTY. CHANELL DOLOR DIVISION. TO STANDS ATTY. THE LOS R. TENEDERO ALM. Adm. / Com. / Fin. General Manager ACCT: Operating / Maintenance Expense CAPEX Operating / Maintenance Expense CAPEX		- Supplier to provide brochure with f	ull specification and	pump curve of offered			
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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.

Contact Number

Supplier/Contractor : **KEYLARGO INDUSTRIAL SALES**

: 02-248-2856/961-52-60 local 218

Purchase Order No.

36436

Date

December 10,2024

Address / TIN

: 1471 Quezon Ave. West Triangle Quezon City PR No./Abstract No

Qty	Unit	Description	Unit Cost	Amour
2	sets	"GRUNDFOS" (Denmark) Vertical Multistage Centrifugal Pump	1,740,000.00	3,480,000
	`	and Motor Model: CRN64-4 E-F-A-E-HQQE	1,740,000.00	3,480,000
		Motor Specifications:		
		- Type: Induction		
		- HP Rating: 60HP		
		- Nominal Voltage: 230V/460V		
		- Supply Frequency: 60Hz		
		- Number of Poles: 2 Poles		
		- Nominal Speed: 3600 RPM		
		- Number of Phase: 3 Φ		
		- Insulation Class: F		
		- Efficiency at full load: 93.6%		
		- Enclose Class: TEFC		
		Coupled and aligned with Heavy Duty Mounting Base to:		
		Pump Requirement:		
		- Capacity: 300 USGPM		
		- TDH: 450ft		
		Construction Material:		
		Shaft Seal: Cartridge Type		
		Shaft Seal Material: HQQE		
		Pump Head: Cast Iron / Stainless Steel (updated specs)		
		Pump Shaft: Stainless Steel		
		Impeller: Stainless Steel		
		Chamber: Stainless Steel		
		Outer Sleeve: Stainless Steel Base: Cast iron / Stainless Steel (updated specs)		
		Neck Ring: Polyetheretherketone (PEEK)		ED
2723		Support Bearing: PTFE	1.00	
		Bearing Rings: Silicon Carbide	1 6 DEC 2024	1
		Pump Efficiency: 76.1%		
		Complete with Motor Control:		
		"Danfoss" (Denmark) Soft Starter Motor Controller adaptable to		
		60HP, 240V (nominal), 3 phase, 60Hz, Vertical motor model MCD60244BT5S2X00-CV2		
		Soft Starter Specifications:		



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.

Qty	Unit	Desc	cription	Unit Cost	Amoun
		1. Main Voltage			7 11 11 00 11
		L1, L2, L3	200VAC - 300VAC (+/- 10%)		
		2. Control Voltage			
		(A4, A6)	220-240VAC (+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	65kA		
		4. Outputs			
		Relay outputs	10A @ 250VAC resistive		
		Programmable outputs	1 (NC), 1 (NO), 1 (CO)		
		Analogue outputs	4-20mA		
		Maximum load	600Ω (12VDC @ 20mA accuracy +/-5%)		
		24VDC output, maximum load	200mA (accuracy +/- 10%)		
		5. Environmental			
		Protection	IP20 & NEMA, UL indoor type 1		
		Operating temperature	-10°C to 60°C		
		Storage temperature	-25°C to 60°C	proposition and the second second	or particular School Sc
		6. Heat Dissipation	The state of the s	TA ET	TIP OF

Total: ₱3,480,000.00

Usage: For Calpito Booster Pump

Prepared by:

Checked by:

During start

Audited by:

Recommending Approval:

4.5 watts per ampere

Approved by:

DEC 1 signed
Atty. C.D.De Granda Bitao

Administrative July Manager

Atty. N. I/C. Penedero AGM Adm./Com./Fin./ICT

signed Engr. Salvá 66/M. Royeca General Manager



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

RESOLUTION

Document No. BAC IH F002

Document Code: BAC_IH

Effective Date: 16 March 2020

Revision No. 00

BIDS AND AWARDS COMMITTEE RESOLUTION NO. 165-2024

Request for Quotation (RQ) No. 09-176P Vertical Centrifugal Pump and Motor with Soft Starter

WHEREAS, the Baguio Water District-Bids and Awards Committee (BWD-BAC), in accordance with the provisions of Republic Act (RA) No. 9184 and its Revised Implementing Rules and Regulations (IRR), conducted the bidding for the procurement of two (2) sets vertical centrifugal pump and motor, 300 USGPM, 60HP rating with soft starter adaptable to 60HP, all with required specifications under RQ No. 09-176P dated 23 September 2024, under a two-envelope system of bidding;

WHEREAS, the approved budget cost is Php1,740,000.00/set;

WHEREAS, only **KEYLARGO INDUSTRIAL SALES** submitted its bids and during the opening of the technical bids on 23 October 2024, it was determined that the lone bidder submitted complete documentary requirements;

WHEREAS, upon evaluation by the Technical Working Group of the offer of the lone bidder, it was determined that the said bidder submitted complying offer, thus, its financial bid was opened and the bid as read and calculated is as follows:

DESCRIPTION	QUANTITY	BID PRICE (per set)	% VARIANCE FROM ABC	ABC (per set)			
KEYLARGO INDUSTRIAL SALES							
vertical centrifugal pump and motor, 300 USGPM, 60HP rating with soft starter adaptable to 60HP	2 sets	Php1,740,000.00	-0-	Php1,740,000.00			

WHEREAS, upon post-qualification, 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 is 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 the Procuring Entity (HoPE) awarding the procurement of two (2) sets vertical centrifugal pump and motor, 300 USGPM, 60HP rating with soft starter adaptable to 60HP to **KEYLARGO INDUSTRIAL SALES,** with the offered brand, specifications, and bid price for being the lone calculated responsive bidder.

UNANIMOUSLY APPROVED (20 November 2024)

Geovani L. Piza Vice-Chairperson Engr. Jake D. Bawing

Member

Joana D. Carame

Member

Engr. Janel J. Balangcod

Member

Engr. Dominic T. Agusdan

Member

Signed
Atty. Chelsea S. De la Rosa
Member

Atty. Ma. Luisa C. Tenedero
Chairperson

Attested by:

Apple Jane P. Aviles

Secretariat

Signed
Sharlene M. Durante
Secretariat

Approved by:

Engr. Salvador M. Royeca General Manager