

## 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

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

Nº 036001

### PURCHASE ORDER

Supplier Tel No./ Fax No. Address / TIN	KEYLARGO INDUSTRIAL SALES  02-284-2856 / 961-52-60 local 218  1471 Quezon Ave. West Triangle Q.C.	P.O. No.  Date  PR No./Abstract No.	36001 May 13, 2024 05-229P-C-R	
Gentlemen/ Madam,				198
Please furnish this	Office the following articles subject to the term	ms and conditions contained to		
Place of Delivery :	- i i i i i i i i i i i i i i i i i i i	P.O. Valid Until : 30 Works	ein.	
	☑ FOB BWD Warehouse		HAC DUAD	
D	☐ Deliver at site	. LISIX months	☑ One year ☐ Oti	hers(Pls. Specia
Date of Delivery :	Working days	1% Retention Required	+	
	Calendar Days upon receipt of PO	Performance Bond Requi	red (5% if in check/509	% if GSIS aurah S
Delivery Term :	☐ full ☐ partial delivery allowed	Subject to testing / inspect	TION PRIOR to noveme	a make
Quantity Unit	Description/Specificati	ions	Unit Cost	
			Onit 003t	Amount
1 unit	"Danfoss" (Denmark) Soft Starter Motor Co	ontroller	150,000.00	₱ 150,000.0
	Model: MCD6-0063B-T7-S1X-20-CV2			
	Capacity of Motor to be controlled by the	Soft Starter		
	Motor rating: 30HP; Voltage Rating: 460V; Sup	oply Frequency: <b>60Hz</b> ;		
	Number of Phase: 3 Phase; Speed (Nom): 3	3600 RPM nominal		
	*Supplier to be present during testing commis	sioning		
1 unit				
1 unit	"Danfoss"(Denmark) Variable Frequency Dr	ive Adaptable top 50HP,	550,000.00	550,000.0
	460V, 3-Phase, 60Hz Submersible motor mo	odel FC202P45KT4		P 700,000.0
	*Supplier to be present during testing commiss			
	x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-			
sage / Requisitioner	For Commissioning of ongoing Balacbac DW Drill	ling		
pared by:	Checked by: Audited by:	Recommending Approve	al: Approved	d By
igned			, pprove	а Бу.
ULITRAJANO ATTY. CHA	signed signed signed including the succession of			iand
chasing Supervisor A	dmin Division Manager Internal Audito	ATTI. MA. LUISA C. TENI	EDERO ENGR. SAL	NADOR M. ROYI
forme:		or AGM-Adm./Com./F	in. Ge	neral Manager
Signature over 5	Printed Name of O			•
ds Available:	Printed Name of Supplier Date			
ao Avallable.		Acct. :		
JELYN D. Finance M		Operating / Maintenance CAPEX	Expense	
THE DOLLAR	- ingul	Other Payables		



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

# Document No. ADM-PUR-F006 Revision Date February 15, 2020

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### **PURCHASE ORDER (P.O)**

Purchase Order No. : 36001

Revision No.

Supplier/Contractor	:	KEYLARGO INDUSTRIAL SALES	Purchase Order No.	:	36001
Contact Number	:	02-248-2856/961-52-60 local 218	Date	:	May 13,2024
Address / TIN	:	1471 Quezon Ave. West Triangle Quezon City	PR No./Abstract No.	:	05-229P-C-R

Qty	Unit	Description	Unit Cost	Amount
1	unit	"Danfoss" (Denmark) Soft Starter Motor Controller	150,000.00	150,000.00
		Model: MCD6-0063B-T7-S1X-20-CV2		
		Capacity of Motor to be controlled by the Soft Starter		
		Motor rating: 30HP		
		Voltage Rating: <b>460V nominal</b>	THE X-III TELL	
		Supply Frequency: <b>60Hz</b>		
		Number of Phase: 3 Phase		
2		Speed (Nom): <b>3600 RPM</b>		
		Soft Starter Specifications:		
		1. Main Voltage		
		L1, L2, L3 380VAC - 600VAC (+/-10%)		n - 10
		2. Control Voltage		
		(A4, A6) 220VAC – 240VAC (+/-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		
A November of		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		
		6. Heat Dissipation		
		During start: 4.5 watts per ampere		
1	unit	"Danfoss" (Denmark) Variable Frequency Drive Adaptable to	550,000.00	550,000.00
		50HP, 460V, 3-phase, 60Hz Submersible Motor		
		Model: FC202P45KT4		
		Standard Specifications for Variable Frequency Drive		
		1. MAIN SUPPLY (L1, L2, L3)		





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

ADM-PUR-F006 Document No.

#### **PURCHASE ORDER (P.O)**

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Revision Date	February 15, 2020	
Revision No.	00	

Qty	Unit	Description	Unit Cost	Amount
		Supply Voltage: 3 x 380V-480 VAC		
		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		
		Ramp Times: 0.1 – 3600 seconds		
		Maximum Output Frequency: 590 Hz		
		3. DIGITAL INPUTS		
		Programmable Digital Inputs: 6		
		Logic: PNP		
		Voltage Level: 0-24 DC		
		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	the Edward Committee of the Committee of	
		Programmable Analogue Outputs: 1		
		Current Range at Analogue Output: 0/4 – 20mA		
		7. RELAY OUTPUTS		
		Programmable Relay Outputs: 2		
	3045	8. FIELDBUS COMMUNICATION: Ethernet IP		
		9. AMBIENT TEMPERATURE: Up to 55°C		
		10. HARDWARE SPECIFICATIONS: IP 65 Enclosure		
		11. OTHER ACCESSORIES		
		Pressure Transmitter: 25 Bars PT		

Total: ₱700,000.00

Usage: For Commissioning of ongoing Balacbac DW Drilling

Prepared by:

Checked by:

Audited by:

Recommending

Approved by:

Approval:

Administrative Div. Manager

signed L. G Ramos Internal Auditor signed Atty. M.L.C.Tenedero

AGM Adm./Com./Fin./ICT

signed Engr. Salvador M. Royeca General Manager



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

Document Code: BAC\_IH

Document No. BAC\_IH\_F002

Effective Date: 16 March 2020 Revision No. 00

#### **RESOLUTION**

BIDS AND AWARDS COMMITTEE

RESOLUTION NO. 072-2024
Request for Quotation (RQ) No. 03-229P-C-R:
Soft Starter Adaptable and Variable Frequency Drive

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 the following, all with required specifications under RQ No. 03-229P-C-R, dated 11 March 2024, under a two-envelope system of bidding but not to be awarded on a one lot basis and with approved budget unit costs of:

QuantityDescriptionABC (per unit)1 unitSoft starter adaptable to 30Hp, 460V nominal, 3600 rpm nominal, 3 phase, 60Hz submersible motorPhp150,000.001 unitVariable frequency drive adaptable to 50Hp, 460V, 3 phase, 60Hz submersible motorPhp550,000.00

**WHEREAS,** only **KEYLARGO INDUSTRIAL SALES** submitted its bids and during the opening of the technical bids on 03 April 2024, it was determined that the lone bidder submitted complete documentary requirements; thus, its bids were rated "passed";

**WHEREAS,** the technical bids of the lone bidder were endorsed to the Technical Working Group (TWG) for evaluation, and on 19 April 2024 its bids were rated by the TWG as "complying";

**WHEREAS,** the financial bids of the lone complying bidder were opened and the bids as read and calculated are as follows:

DESCRIPTION	BID PRICE (per unit)	% VARIANCE FROM ABC	ABC (per unit)		
KEYLARGO INDUSTRIAL SALES					
Soft starter adaptable to 30Hp, 460V nominal, 3600 rpm nominal, 3 phase, 60Hz submersible motor	Php150,000.00	-0-	Php150,000.00		
Variable frequency drive adaptable to 50Hp, 460V, 3 phase, 60Hz submersible motor	Php550,000.00	-0-	Php550,000.00		

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

NOW THEREFORE, on motion duly seconded, be it

**RESOLVED,** as it is hereby resolved, to recommend to the Head of the Procuring Entity awarding the procurement of 1 unit of soft starter and 1 unit of variable frequency to **KEYLARGO INDUSTRIAL SALES** with the offered brands, specifications, and bid prices for being the lone calculated responsive bidder.

UNANIMOUSLY APPROVED (26 April 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. Francess Louise E. Gener Member

Atty. Ma. Luisa C. Tenedero Chairperson

Attested by:

Apple Jane P. Aviles
Secretariat

Sharlene M. Durante
Secretariat

Approved by:

Engr. Salvador M. Royeca General Manager