



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. 035341

PURCHASE ORDER

| | |
|--|--------------------------------------|
| Supplier : KEYLARGO INDUSTRIAL SALES | P.O. No. : 35344 |
| Tel./No./ Fax No. : 02-284-2856 / 961-52-60 local 218 | Date : June 14, 2023 |
| Address / TIN : 1471 Quezon Ave. West Triangle Q.C. | PR No./Abstract No. : 05-025P |

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 : 30 days (working) 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 20-25 weeks <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 | <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) 60 days |

| Quantity | Unit | Description/Specifications | Unit Cost | Amount |
|----------|------|---|-----------|-----------------------|
| 1 | set | <p>"Grundfos" (Denmark) Vertical Multistage Centrifugal Pump 400 USGPM x 500ft, Model: CRN95-5-E-F-A-E-HQQE coupled to Induction Motor 100HP, 460V, 60Hz, 3600 RPM NEMA Standard, 3 Phase, Class F Insulation, 93.6% efficiency at full load, TEFC enclose class with suction and discharge ports on the same level (In-line) enabling installation in a horizontal one-pipe system. Complete with Motor Control: "Danfoss" (Denmark) Variable Frequency Drive adaptable to 150HP, 460V, 3 Phase, 60Hz., Submersible Motor Model: FC202N110T4</p> <p style="text-align: center;">x x x x</p> <p>(Please refer to the attached sheet for complete detailed specifications)</p> <ul style="list-style-type: none"> - For on-site delivery - Supplier to provide high tensile mounting bolts for pump base - 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 <p>Spare booster pumps for Irian 3 Pumping Station c/o Engr. J.B.Pamaylaon</p> | | P 2,900,000.00 |

Usage / Requisitioner

Prepared by:

Checked by:

Audited by:

Recommending Approval:

Approved By:

MARCOS G. LAMANGAN

ATTY. CHANELL DOLOR D. DE GUZMAN

LUZVIMIN G. RAMOS

ATTY. MA. LUISA C. TENEDERO

ENGR. SALVADOR M. ROTICA

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 ☐

QC 0115
#10

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

| | | | |
|---------------------|---|---------------------|------------------------|
| Supplier/Contractor | : KEYLARGO INDUSTRIAL SALES | Purchase Order No. | : 35344 |
| Contact Number | : 02-248-2856/961-52-60 local 218 | Date | : June 14, 2023 |
| Address / TIN | : 1471 Quezon Ave. West Triangle Quezon City | PR No./Abstract No. | : 05-025P |

| Qty | Unit | Description | Unit Cost | Amount |
|-----|------|--|--------------|--------------|
| 1 | Lot | 1 set "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 Model: CRN95-5-E-F-A-E-HQQE Motor Specifications: - Type: Induction - HP Rating: 100HP - Nominal Voltage: 460V - Supply Frequency: 60Hz - Nominal Speed: 3600 RPM - Number of Phase: 3 - Insulation Class: F - Efficiency at full load: 93.6% - Enclose Class: TEFC Coupled and aligned with Heavy Duty Mounting Base to: Pump Requirement: - Capacity: 400 USGPM - TDH: 500ft Construction Material: Shaft Seal: Cartridge Type Shaft Seal Material: HQQE Pump Head: Stainless Steel Pump Shaft: Stainless Steel Impeller: Stainless Steel Chamber: Stainless Steel Outer Sleeve: Stainless Steel Base: Stainless Steel Neck Ring: PEEK Support Bearing: Graflon Bearing Rings: Tungsten Carbide Pump Efficiency: 75.6% With flanges and bolts & nuts Complete with Motor Control: "Danfoss" (Denmark) Variable Frequency Drive adaptable to 150HP, 460V, 3 phase, 60Hz, submersible motor model FC202N110T4 | 2,900,000.00 | 2,900,000.00 |

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

| Qty | Unit | Description | Unit Cost | Amount |
|-----|------|---|-----------|--------|
| | | Standard Specifications for Variable Frequency Drive | | |
| | | 1. MAIN SUPPLY (L1, L2, L3) | | |
| | | 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 | | |
| | | 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 – 24V 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 Max. error 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 IP54 Enclosure | | |
| | | 11. OTHER ACCESSORIES | | |
| | | Pressure Transmitter 25 Bars | | |

Total: ₱2,900,000.00

Usage: Spare booster pumps for Irisan 3 Pumping Station c/o Engr. J.B.Pamaylaon

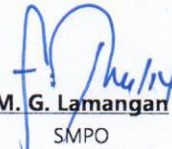
Prepared by:


Checked by:

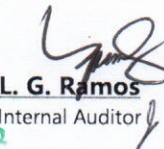
Audited by:

Recommending Approval:

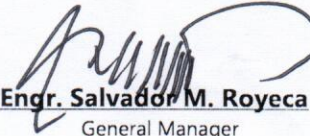
Approved by:



M. G. Lamangan
 SMPO


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


L. G. Ramos
 Internal Auditor


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


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 | |
| | RESOLUTION | Revision No. 00 | |

BIDS AND AWARDS COMMITTEE
RESOLUTION NO. 026-2023
(RQ No. 02-025P: 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 one (1) set vertical centrifugal pump and motor with HP rating of 100HP, coupled and aligned with heavy duty mounting base with pump requirement of 400 USGPM capacity and variable frequency drive adaptable to 150HP, 460V, all with required specifications under Request for Quotation (RQ) No. 02-025P dated 20 February 2023, under a two-envelope system of bidding;

WHEREAS, the approved budget cost for the said procurement is Php3,100,000.00/set;

WHEREAS, **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** and **KEYLARGO INDUSTRIAL SALES** 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; while **KEYLARGO INDUSTRIAL SALES** submitted complete documentary requirements for its two (2) principal suppliers;

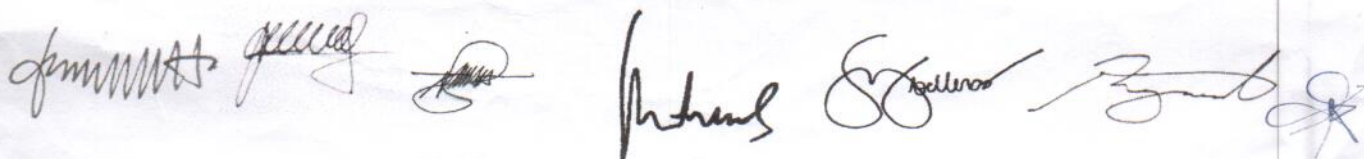
WHEREAS, the bids submitted by **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** was rated and declared as "failed" due to non-compliances with the BWD-BAC requirements; thus **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** was notified of its failed bid on 03 April 2023 and pursuant to the 2016 revised Implementing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

WHEREAS, the period has already lapsed without any request for reconsideration being received from **HOUSTON HYDROTECH PRODUCTS & SYSTEMS, INC.** thus, its "failed" rating 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 | Php2,900,000.00 | 6.45% | Php3,100,000.00 |

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;

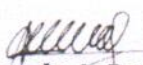


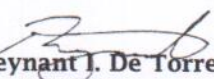
NOW THEREFORE, on motion duly seconded, be it


RESOLVED, as it is hereby resolved, to recommend to the Head of Procuring Entity (HOPE) the awarding of the procurement of one (1) set vertical centrifugal pump and motor with HP rating of 100HP, coupled and aligned with heavy duty mounting base with pump requirement of 400 USGPM capacity and variable frequency drive adaptable to 150HP, 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.** of its final "failed" rating and to return its sealed financial bid (Envelope B) submitted for this particular bidding.

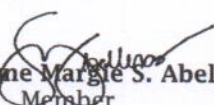
UNANIMOUSLY APPROVED (25 April 2023)


Engr. Fernando A. Peria
Vice-Chairperson

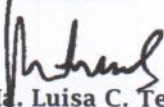

Engr. Reynant I. De Torres
Member


Engr. Noriel C. Calpito
Member


Engr. Michael Jordan E. Sison
Member

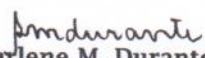

Engr. Shayne Margie S. Abellera
Member


Geovani L. Piza
Member

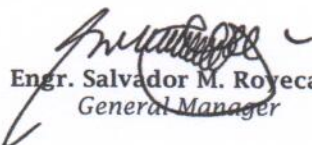

Atty. Ma. Luisa C. Tenedero
Chairperson

Attested by the Secretariat:


Apple Jane B. Aviles


Sharlene M. Durante

Approved by:


Engr. Salvador M. Royeca
General Manager