



PHILIPPINE NATIONAL OIL COMPANY- ALTERNATIVE FUELS CORPORATION

PNO Building VI, Energy Center

Rizal Drive, BGC, Taguig City

Tel. No.: 8789 – 7662

www.philgeps.gov.ph / www.pnoc.com.ph

REQUEST FOR QUOTATION / PROPOSAL

The PHILIPPINE NATIONAL OIL COMPANY (PNOC) through its Bids and Awards Committee (BAC), invites all interested and PhilGEPS-registered suppliers / contractors / consultants to submit quotations / proposals for the following company requirements:

Date : **October 6, 2021**
Project Title : **Supply and Delivery of Three (3) Units Variable Frequency Drive**
Reference No. : **2021-09-200**
Total ABC : **PhP306,891.00**
Submission Deadline: **October 15, 2021; 5:00PM**

Accomplished Price Quotation/Proposal and Compliance Form may be submitted through registered or electronic mail to the PNO Procurement Management Division at the above address or to procurement@pnoc.com.ph and armponce@pnoc.com.ph no later than the submission deadline together with the following documentary requirements and information:

- Mayor's/Business Permit
- PhilGEPS Registration Number
- Notarized Omnibus Sworn Statement- "Annex A" (Unnotarized copy may be submitted prior to submission deadline, but notarized one shall be submitted after award or before payment)

The PNOC reserves the right to accept or reject any or all quotations/proposals or parts thereof, to waive formality therein or to accept such or to award any that are considered most advantageous to the company.

Thank you.

EVANGELINE B. ALBAYTAR

Chairperson

Bids and Awards Committee

PRICE QUOTATION / PROPOSAL AND COMPLIANCE FORM

Supply and Delivery of Three (3) Units Variable Frequency Drive

Item No.	UOM	Technical Specifications	QTY	Unit Cost	Total Amount (P)
1	Unit	<p>Variable Frequency Drive</p> <p>Horsepower Rating/Capacity: 75Hp Rated Output Current: 110A Input Voltage Rating: 380V to 480V; Voltage unbalance degree: ≤ 3% ; permissible frequency fluctuation: ±10% Input Frequency: 0-60Hz Output Frequency: 0.00-550.00Hz Acceleration/ Deceleration Time: 0.1-3600sec Control Modes: Vector control with PG(VC), Vector control without PG(SVC), V/F control Over Load Capacity: 150% rated current 1 min, 180% rated current 20s Startup Torque: 0.5Hz 150% Speed Adjust Range: 1:100 Speed Stabilization Precision: ±0.2% Torque Control: Yes Torque Precision: ± 10% Torque Response Time: <20ms</p> <p>Key Features:</p> <ul style="list-style-type: none"> - Torque/Speed Control Switching - Multi-function input/output terminals - Under Voltage Regulation - AC Operation Grounding Switching - Flying Start - Torque Limit - Multi Speed Operation - Auto tune - S Curve Acc/Dec - Slip Compensation - PID Regulation - Simple PLC - FX Length Control - Droop Control - Current Control - Manual/Automatic Torque Increase - Current Limit - AVR Function 	3		

		<ul style="list-style-type: none"> - AVR Function <p>Frequency Set-Up:</p> <ul style="list-style-type: none"> - Keypad - Terminal Up/Down - Communication - Analog input AI1/AI2 - Terminal Pulse Input X4,X5 <p>Dynamic Braking: Braking Unit Voltage: 650-750V</p> <p>DC Injection Braking: DC Braking Activation: 0.00-550.0Hz DC Braking Current: 0.0 to 100.0% Magnetic Flux Braking: Adds Motor Magnetic Flux for Fast Deceleration Keypad: LED Keypad Air duct: Independent Air Duct Design Extension Card: IO Extension Card, Injection Molding Machine Connecting Card Power-Up Detection: Automatic Detection of Internal and External Circuits When Power-Up</p> <p>Protection Features:</p> <ul style="list-style-type: none"> - Power Undervoltage/Overvoltage Protection - Autotune Trip - IGBT Protection - Heatsink Overheat Protection - Drive Overload Protection - Motor Overload Protection - External Device False Protection - Output to Ground Short-Circuit Protection - Abnormal Power Failure in Running - Power Supply Abnormal - Output Phase Loss - EEPROM Trip - Relay Contact Error - Temperature Sampling Abnormal - Encoder Off-Line - Analog Input Trip - Communication Trip - Version Compatibility Trip - Cloning Trip - Extension Card Connection Trip 			
--	--	---	--	--	--

	<p>- Hardware Overload Protection</p> <p>Efficiency: Operation at Rated Power: 11kW-45kW ≥ 95%; 55kW or Above ≥ 98%</p> <p>Ambient Temperature: -10°C to +40°C, Deration is Required From 40 to 50°C, Rated Output Current Decreasing 1% per 1°C Temperature Higher</p> <p>Humidity: 5%-95% Without Condensation</p> <p>Vibration: 3.5mm, 2-9Hz; 10 m/s², 9- 200Hz; 15m/s²,200-500Hz</p> <p>Storage Temperature:-40 to +70°C</p> <p>Protection Level: IP20</p> <p>Cooling: Fan Force Cooling</p> <p>ABC: PhP306,891.00</p>			
Area of Delivery	PNOC Industrial Park, Batangas Dos, Mariveles, Bataan			
Schedule of Delivery	Thirty (30) Working Calendar Days			

TERMS AND CONDITIONS

1. All entries shall be typed or written in a clear legible manner.
2. Bidder shall offer one (1) bid only. Alternative bids shall be rejected.
3. All prices offered herein are valid, binding and effective for THIRTY (30) calendar days upon issuance of this document.
4. As a general rule, price quotations to be denominated in Philippine Peso shall include all taxes, duties and/or levies payable.
5. In case of tie quotations, tie breaking shall be on draw lots or toss coin.
6. In case supplier pro forma quotation is submitted, conditions will be governed by the submitted signed Terms of Reference / Technical Specifications Sheet.
7. In case supplier pro forma quotation is submitted, conditions will be governed by the submitted signed Terms of Reference / Technical Specifications Sheet.
8. During evaluation of quotation/proposal, the project proponent may require additional documents to verify, validate and ascertain the compliance of the supplier/ contractor or consultant.

We undertake, if our Proposal is accepted, to supply/deliver the goods/services in accordance with the specifications and/or delivery schedule.

We agree to abide by this quotation/proposal for a period of thirty (30) calendar days, which is the price's validity period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a Contract or a Purchase Order is executed, this Quotation/Proposal shall be binding upon us. We understand that you are not bound to accept the lowest or any Proposal you may receive.

Signature over Printed Name : _____

Designation/Position : _____

Name of Organization : _____

Organization Address : _____

Tel No. / Mobile No. and Email Address : _____