



Philippine Rice Research Institute  
Maligaya, Science City of Muñoz, Nueva Ecija  
Telefax: (044) 456-0650, Phone: (044) 456-0394 Loc 662

Tracking No.  
PPMD24-2897

Page 1 of 3

PURCHASE ORDER

Supplier Address	Asia Electric Technical Marketing Corporation 115 B Levitown Ave., Betterliving Subd., Paranaque City			PO No. 2024-10-1075		
				Date 10-20-24		
TIN	208-865-542-000	Mode of Procurement	Public Bidding			
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:						
Place of Delivery	PhilRice Warehouse, Maligaya, Science City of Muñoz, 3119 Nueva Ecija		Delivery Term	FOB Destination		
Date of Delivery	within 90 calendar day(s) upon receipt of purchase order		Payment Term	Payable n/30		
Item Code	Item Description	Unit	Qty	Cost	Amount	
106059900000-001-00	<p>Generator Set Supply, Delivery, and Installation with Testing and Commissioning of One (1) Unit Brand New, Generator Set 800KVA, Open-Type, with Automatic Transfer Switch and AVR</p> <p>Generator Set Engine: Cummins KT38-G</p> <ul style="list-style-type: none"><li>• Prime Power of 725 KVA/580KW</li><li>• Stand by Power of 800 KVA/640KW</li><li>• Frequency of 60Hz</li><li>• Speed of 1800RPM</li><li>• Three (3) Phase, 230 Volts, Power Factor of 0.8</li><li>• with Standard Alternator (Stamford S5L1D-F4)</li><li>• and Auto Mains (Utility) Control Module (Deedsea DSE6010 and DSE6020)</li><li>• Starting Voltage: DC24V</li><li>• Breaker Capacity/Circuit Breaker Rating Capacity: 2008A</li><li>• Back up Battery Charger: 12-24V, 10A</li><li>• Dimension (Genset): (L x W x H) = 4,200mm x 2,050mm x 2,500mm</li><li>• Weight: 6,600kg</li><li>• Fuel Consumption (100% of the Power Prime): 154L/L</li><li>• Total Oil Capacity with Filters:135L</li><li>• Engine Airflow: 1298L/s</li><li>• Coolant: Radiator (210), Max Water Temp (104 degree Celsius) Thermostat (82-93 degree Celsius)</li></ul> <p>For Wires /Accessories (PhilFlex THHN/THWN)</p> <ul style="list-style-type: none"><li>• 325mm² THHN Copper Wire (From Generator Set to ATS) Main Line (180m)</li><li>(180m) = 12m x 5 Linear/terminal x 3wires</li><li>• 100mm² THHN Copper Wire (From Generator Set to ATS) Ground Line (12m)</li><li>• Diesel Transfer Pump, 20-120L/m, 550 Watts, 220-230 Volts, 60Hz, Centrifugal Type with complete fittings and hose</li></ul> <p>For Installation and Commissioning</p> <ul style="list-style-type: none"><li>• Installation, Termination, Testing and Commissioning of ATS (Automatic Transfer Switch) to Generator Set</li><li>• Fabrication and Installation of Ventilation Louver for Generator Exhaust</li><li>• Consumables (such as Terminal Lugs, Rubber Tape, Electrical tape Etc.)</li><li>• Delivery and Positioning of Generator set</li></ul> <p>Standard attachment/inclusion</p> <ul style="list-style-type: none"><li>• Battery Charger</li><li>• Batteries</li><li>• Generator Set Controllers</li><li>• Vibration Isolators</li><li>• Electronic Governor</li></ul>	unit	1	13,822,306.53	13,822,306.53	

PO Control No.: 2024-10-1181 (C)  
Prepared By:Frederick P. Capinpin

Prepared Date:2024-10-16  
Wednesday, 16 October 2024 03:10 PM





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Supplier Address	Asia Electric Technical Marketing Corporation 115 B Levitown Ave., Betterliving Subd., Paranaque City			PONo. 2024-10-1075	Date 10-30-24
TIN	208-865-542-000	Mode of Procurement	Public Bidding		
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Item Code	Item Description	Unit	Qty	Cost	Amount
	<ul style="list-style-type: none"><li>Digital Voltage Regulator</li><li>Locally Fabricated residential-type Muffler</li><li>Locally Fabricated Fuel Day Tank – 8 hour capacity</li></ul> <p>Automatic Transfer Switch (ATS) (CDW6i-4000F DELIXI Air Circuit Breaker)</p> <ul style="list-style-type: none"><li>Floor Mounted Type with complete accessories in NEMA 1 Enclosure</li><li>4000 AF, 3 Phase, 230V</li><li>with Digital Volt and Ampere Meter</li><li>Pilot lamp, Switch Selector and Copper Busbar</li></ul> <p>For Wires /Accessories (PhilFlex THHN/THWN)</p> <ul style="list-style-type: none"><li>325mm² THHN Copper Wire (From Transformer to ATS) Main Line (480m) = 20m x 8Linear/Terminal x 3Wires</li><li>100mm² THHN Copper Wire (From Transformer to ATS) Ground Line (20m)</li></ul> <p>For Installation and Commissioning</p> <ul style="list-style-type: none"><li>Installation, Termination, Testing and Commissioning of ATS (Automatic Transfer Switch) to Transformer</li><li>Consumables (such as Terminal Lugs, Rubber Tape, Electrical tape Etc.)</li><li>Delivery (Mobilization and Demobilization)</li></ul> <p>Automatic Voltage Regulator (AVR) (DELIXI, SBW-F-800 KVA 3Phase Voltage Stabilizer)</p> <ul style="list-style-type: none"><li>AVR for 800KVA Capacity</li><li>Cylindrical 3 Copper Winding (3 Phase, 230V)</li><li>Digital Volt and Ampere Meter (digital meter panel)</li><li>IP23 Enclosure Protection Rating</li></ul> <p>The unit comes with the following services:</p> <ul style="list-style-type: none"><li>Delivery to site</li><li>Testing and commissioning of unit,</li><li>6 hours (on site testing) at 100% of existing load (25% load -1 hr., 50% load -1 hr., 75% load -1 hr., 100% load -1 hr., and 80% load- remaining 2 hrs.)</li><li>Operation and Maintenance training regarding the genset main components with Certificate of Training.</li><li>Customer support agreement for one (1) year</li></ul> <p>With 2 years warranty.</p> <p>CUSTOMER SUPPORT AGREEMENT (1 YEAR)</p> <p>(see attached document for complete specifications)</p>				
Amount in Words	Thirteen Million Eight Hundred Twenty Two Thousand Three Hundred Six Pesos And Fifty Three Centavos				13,822,306.53

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## PURCHASE ORDER

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				Date	10-30-24		
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Item Code	Item Description	Unit	Qty	Cost	Amount		
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.							
Conforme:  MARCO FELIX L. DE LEON Signature over Printed Name of Supplier NOVEMBER 4, 2024 Date			Very truly yours,  John C. De Leon Authorized Official 10-30-24 Date				
Funds Available:  Mary Grace DG. Corpuz Chief Accountant 10/30/24 Date			ORS No.		2024-10-11198		
			ORS Date		2024-10-16		
			AMOUNT		13,822,306.58		

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Prepared Date: 2024-10-16  
Wednesday, 16 October 2024 03:10 PM





Continuation of Purchase Order awarded to **ASIA ELECTRIC TECHNICAL MARKETING CORPORATION**

**Preventive Maintenance Service**

(after warranty or 1,000 running hours, one (1) time)

- Change Oil and filters
- Extract oil samples
- Check batteries
- Lubricate Grease fittings

**Technical Analysis Level 2 (TA2)** – This will involve running the generator set with load and a system-by-system check-up using diagnostic instruments. The following shall be included in the inspection:

- Cooling System. Perform radiator differential / ambient temperature test and radiator air flow test.
- Fuel system pressure test
- Lubrication system pressure test
- Air induction and exhaust system. Perform inlet manifold
- Pressure test (boost pressure test) and exhaust back pressure test
- Air filter restriction test. Perform exhaust stack temperature test and blow-by test
- Insulation test (Megger) on generator

**Technical Analysis Level 1 (TA1)** – This is a detailed inspection of the entire generator set systems to determine if each system is functioning within acceptable standards.

- Walk around inspection
- Cooling system
- Fuel system
- Air induction and exhaust system
- Lube oil system
- Starting system
- Control panel
- Power generator
- Sanitation

**Scheduled Oil Sampling (SOS)** – will get oil samples every visit (PMS, TA2, TA1). This way, the engine's oil shall be analyzed by using the following test:

- Complete Testing (SOS-COMP)
- Wear Metals;
- Total Base Number for engine samples / Total Acid Number for non-engine;
- Viscosity (either V40 or V100);
- Flash Point (Open Cup);

*Conf.*

PO no. 2024-10-1181 (C)  
**Better Rice Communities.**

Email: [prri.mail@mail.philrice.gov.ph](mailto:prri.mail@mail.philrice.gov.ph) Text Center: (+63) 917-111-7423  
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**Philippine Rice Research Institute**  
Central Experiment Station  
Maligaya, Science City of Muñoz, 3119 Nueva Ecija

- Water by Distillation;
- Soot;
- Sulfur Content;
- Oxidation;
- Nitration;
- Glycol for Engine Oil.

**Certified by:**

  
**MARY GRACE DG. CORPUZ**

Chief Accountant

Date: \_\_\_\_\_


**Approved by:**

  
**JOHN C. DE LEON**

Executive Director

Date: \_\_\_\_\_

**Conforme:**

  
**MARCO FELIX L. DE LEON**

Signature over Printed Name

**NOVEMBER 4, 2024**

Date

PO no. 2024-10-1181 (C)

**Better Rice Communities.**

Email: [prri.mail@mail.philrice.gov.ph](mailto:prri.mail@mail.philrice.gov.ph) Text Center: (+63) 917-111-7423

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Social Media: [web.facebook.com/DAPHilRice](https://web.facebook.com/DAPHilRice)

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