

# PURCHASE ORDER

QR-ADMPPS-04

## INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City  
DOST Trunkline: 837-2071 local 2220 / 2221

305 #

Supplier:	<b>POWERASIA, INCORPORATED</b>	P.O. No.:	<b>GIA-E-295-2012</b>
Address:	2/F The Gallery Building, 80 E. Rodriguez Jr. Ave., Quezon City	Date:	<b>October 22, 2012</b>
		Mode of Procurement:	<b>Public Bidding</b>
PO-08-7		PR #	08-2012-0392
		ASC #	391-2012

Gentlemen:

Please furnish this office the following articles to the terms and conditions contained herein:

Place of Delivery:	EPCD Bldg.	Delivery Term:	15-25 days
Date of Delivery:		Payment Term:	

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	unit	<p><i>TRC EPC WAT-10/27</i></p> <p><b>BRAND NEW F.G. WILSON FACTORY BUILT DIESEL ELECTRIC GENERATING SET Model P400E5 rated at (438 kVA, Standby rating) or (400 kVA, PRIME Rating) three phase, 220 up to 480 volts, 60 Hertz, 0.8 power factor, 1800 RPM, powered by PERKINS Industrial Diesel Engine, turbocharged air-to-air charged cooled, and directly coupled to LEROY SOMER Brushless Alternator with set-mounted POWERWIZARD 1.0 SERIES Digital Control Panel completely built to the following specifications:</b></p> <p><b>ENGINE - PERKINS Industrial Diesel Engine. Model 2306A-E14TAG2, 1800 rpm, 6-cylinder in line, 4 stroke, turbocharged, water-cooled, 15.9:1 compression tropical radiator and hoses, 24 volt starter motor and battery charging alternator, replaceable fuel filter, replaceable air filter, centrifugal water pump, spin-on full flow oil filter and exhaust silencer</b></p> <p><b>ALTERNATOR - LEROY SOMER brushless alternator Model LL6114B, 350 kW/438 kVA, 1800 rpm, single bearing, Class H Insulation, 12-wire with Automatic Voltage Regulator</b></p> <p><b>MOUNTING - The engine and alternator are mounted on a heavy duty structural steel base frame.</b></p> <p><b>FUEL TANK, BATTERY &amp; CABLES - 791-liter capacity, 8-hour base-mounted fuel tank</b></p>	1		

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		<b>24-volt battery and cables</b> <b>CONTROL PANEL - POWERWIZARD 1.0</b> <b>SERIES Digital Control Panel where components are enclosed in a heavy duty sheet steel enclosure complete with the following:</b> <b>INSTRUMENTATION -</b> <b>LCD display adjustable contrast and backlight with auto power off</b> <b>AC Metering : Volts, 3 phase, Amps and Frequency</b> <b>DC Metering : Battery Volts, Hours Run, Water Temperature</b> <b>Lube Oil Pressure, Engine Speed</b> <b>PROTECTION -</b> <b>Fail to start</b> <b>Low Oil Pressure</b> <b>High Engine Temperature</b> <b>Low/High Battery Voltage</b> <b>Battery Charger Failure</b> <b>Underspeed/Overspeed</b> <b>Loss of Engine Detection</b> <b>2 Spare Fault Channels</b> <b>20 Event Fault Log (name of event, engine hours at first</b> <b>Occurrence of event, engine hours at latest</b> <b>Occurrence of event, number of occurrence of event</b> <b>CONTROLS -</b> <b>2 LED Status Indicators</b> <b>Run Key &amp; LED Indicator</b> <b>Auto Key &amp; LED Indicator</b> <b>Stop Key &amp; LED Indicator</b> <b>Lamp Test Key</b> <b>Alarm Acknowledge Key</b>			

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(Total Amount in Words)

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Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		<b>Engine &amp; AC Metering Shortcut Keys</b> <b>All Controls Module Keys have Tactile Feedback</b> <b>Lock Down Emergency Stop Button</b> <b>Real Time Clock</b> <b>Service Interval Counter</b> <b>CAN 1 Data Link - j1939 for Communicating with Electronic Engine Control Module</b> <b>Languages - LED Display Available in Different Languages</b> <b>UNIT PRICE, FOB ITDI SITE, BICUTAN, TAGUIG CITY</b> <b>(OPEN TYPE GENERATOR SET)</b> Cost of Testing & Commissioning Cost of additional Day Tank (1600 Liters) Cost of Diesel for Testing (Eight Hours) Add: Cost of Automatic Transfer Switch (ATS) 1000 Amperes Add: Cost of Consumables Parts for Three (3) years Add: Cost of Monthly Preventive Maintenance for Three (3) years Add: Cost of Delivery (with Positioning of Gen Set) Add: Cost of Installation, (Cables and Other Materials must be included) (From Gen.set to ATS to Normal Power Only) (100% ASSEMBLED AND COUPLED IN UNITED KINGDOM)			2,395,000.00
					180,000.00
					345,000.00
					180,000.00
					400,000.00
		<b>TOTAL AMOUNT -</b>			<b>3,500,000.00</b>
				Less: VAT	156,250.00
				EWT	31,250.00
					<b>187,500.00</b>
					<b>3,312,500.00</b>

END-USER:  
CHARGE TO:

**ADMATEL PERSONNEL c/o A.D. CALDERON**  
**ADMATED PROJECT**

PREPARED BY:

*Rebecca L. Santiago 10/24*  
**REBECCA L. SANTIAGO**  
Administrative Officer IV

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(Total Amount in Words) *Three million three hundred twelve thousand five hundred pesos & 00/100*

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

Conforme:

\_\_\_\_\_  
(Signature over printed name)

\_\_\_\_\_  
(Date)

Very Truly yours,

*[Signature]*  
**DR. NUNA E. ALMANZOR**  
Director

Requisitioning Office/Dept. <b>DR. ELESSIE A. BASILIA</b> Chief-MSD	Funds Available: <b>SOLEDAD S. REYES</b> Accountant IV	Amount ALOBS No. <i>P 2.10c 20c</i>
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