

# PROPOSAL

**Presented to:**

**Generadora Del Atlantico**

**For**

**Power Plant 63MW EPC**



By



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**Proposal No. EPC08-1348**

**June 24, 2008**

<p>This document is privileged and contains confidential information intended for use only by Generadora Del Atlantico.</p>
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## **1.0 Introduction**

ProEnergy Services ("ProEnergy") is pleased to provide this proposal to Generadora Del Atlantico ("GDA") for the turnkey EPC of 63 MW (ISO) of Diesel Generators operating in 60 Hz for your project located in Columbia.

ProEnergy will provide for the turnkey procurement, installation, startup and commissioning of 63 MW of Diesel Generators for the pricing below.

## **2.0 Equipment Information**

### **Phase One (1) 48MW**

All diesel engines are of four stroke.

Make	:	Fuji, SEMT-Pielstik
Configuration	:	Vee
Number of Engines	:	6
Engine Type	:	18PC2-5V
Number of Cylinders	:	18
Speed	:	720 rpm
Mean piston speed	:	8.4 m/s
Mean effective pressure	:	21.9 bar
Swept volume per cylinder	:	28.15 m <sup>3</sup>
Compression ratio	:	12:1
Direction rotation	:	
Facing towards flywheel	:	Clockwise
Rate Output	:	8,000 kW

### **Phase Two (2) 15MW**

Make	:	ZG0DA-Sulzer
Configuration	:	Vee
Number of Engines	:	3
Engine Type	:	122V40/4B
Number of Cylinders	:	12
Speed	:	514 rpm
Compression ratio	:	12:1
Direction rotation	:	
Facing towards flywheel	:	Clockwise
Rate Output	:	5,000kW

## **2.0 Pricing**

ProEnergy will provide the turnkey EPC including startup and commissioning for the fixed price of **\$51,450,000.00**. **All equipment is subject to previous sale.**

### **2.1 Taxes**

All in country taxes, duties, etc. are the responsibility of GDA.

### **2.2 Assumptions/Clarifications**

The following assumptions and clarifications apply:

- GDA will be responsible for interconnect between transformers and grid.
- Need to confirm the interconnect voltage to firm up the substation cost.
- This price excludes fuel tanks and fuel lines.
- Piles are not included in pricing.
- Transmission is not included in the pricing.
- Installation of all units is at one site.

## **3.0 Terms & Conditions**

This proposal shall expire within thirty (30) days; provided, however, the terms of this Section and the obligation to treat this proposal as confidential and that it cannot be shared with any third party without the prior written consent of ProEnergy shall survive.

Invoices shall be generated based on mutually agreed upon milestones and shall be due and payable within ten (10) days of receipt.

Notwithstanding any term in this proposal or any resulting purchase order/contract to the contrary, in no event shall ProEnergy be responsible for consequential or incidental damages resulting from the use of this proposal or the performance of any work by ProEnergy in relation to this proposal. This proposal shall be subject to the terms and conditions to be mutually agreed upon between ProEnergy and GDA.

## **4.0 Follow Up**

Please contact the following person at ProEnergy for information regarding this proposal:

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