

Change Order Request

Water Treatment Expansion

Presented To:

Venezuela

Guarenas Power Plant

By

DERWICK

DERWICK ASSOCIATES CORP.



Proposal No. T-1009-C

June 11, 2010

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1.0 Introduction

Derwick Associates Corp. ("DAC") to add 70 GPM Demin Water Treatment capacity to the previous water treatment system being installed in Phase II. The scope of work includes the Engineering and installation of the following:

- 1 ea. RO water treatment expansion
- 1 ea Carbon Filter expansion
- 1 ea EDI Demin Treatment expansion
- 1 ea Water Softener expansion
- 1 lot Demin Water transfer and forwarding Pumps
- 1 Demin Water Tank expansion

The following sections of this TSD provide more detail on the required Water Treatment System expansion scope of this proposal.

Note: The Owner has purchased two (2) dual fueled GE LM 6000 PC Sprint Gas Turbine Generator packages with associated facilities and two (2) dual fueled GE LM 2500+ Gas Turbine Generator packages for this project. The additional LM 6000 PC requires an expansion of the Water Treatment Facility.

2.0 Demin Water Treatment Expansion Scope of Supply

2.1 Demin Water for 1 dual fueled x LM 6000 Gas Turbine Generator

Contractor will supply an expansion to the water treatment capacity to allow NOx and Sprint Demin Water to control the NOX to Air Permit levels when the LM 2500+ and LM 6000 PC Sprint are operating on natural gas or Liquid Fuel.

- The Natural Gas & Liquid Fuel Supply must meet the GE Aero-Derivative Gas Turbine Fuel Specifications for the LM 2500+ and LM 6000 PC.
- The Demin Water Treatment System will be installed in an expansion of the existing Water Treatment Building
- The expansion will produce up to the required 60 gpm or 86,000 gallons per day.
- The Demin Water Storage will be increased by 50,000 gallons
- The Raw Water Storage will be increased by 550,000 gallons

Contractor will provide Turnkey EPC Services to purchase and install the Demin Water Treatment expansion and required Balance of Plant described below:

2.2 Scope of Supply and Detailed Division of Responsibility

Material/Responsibility	Qty	Description
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Owner:

1 Lot	Permits for Environmental, Building, Operations, etc. to allow plant construction and commercial operations
1 Lot	Construction & Commissioning Water and 480V three phase power
1 Lot	Access Roads to site as required
1 Lot	Import Duties and Taxes
1 lot	Right of Way, easements, etc. to allow proposed interconnects as required
1 Lot	Project Site free and clear of rock and ground water with sufficient space to install the required facilities

**Contractor will Provide
and Install**

**Civil, Engineering &
Construction:**

- 1 Lot Design Engineering and Construction Management of Contracted Labor including Safety, QA/QC, Project Schedule Management, Technical management, start-up, commissioning, systems turnover and performance testing.
- 1 Lot Plant Site civil earthwork, leveling, foundations, roadways, plant gravel, asphalt and concretes as mutually agreed.

**Contractor to Provide
Mechanical as
Outlined**

- 1ea RO System Expansion of 60 GPM
- 1ea Water Softener Expansion of 60 GPM
- 1ea EDI Demin System Expansion of 60 GPM
- 1ea Increase in Raw Water Tank of 550,000 gal
- 1ea Increase in Demin Water Tank of 50,000 gal
- 1 Lot Mechanical pipe, valves, and material including installation with contract labor

Electrical

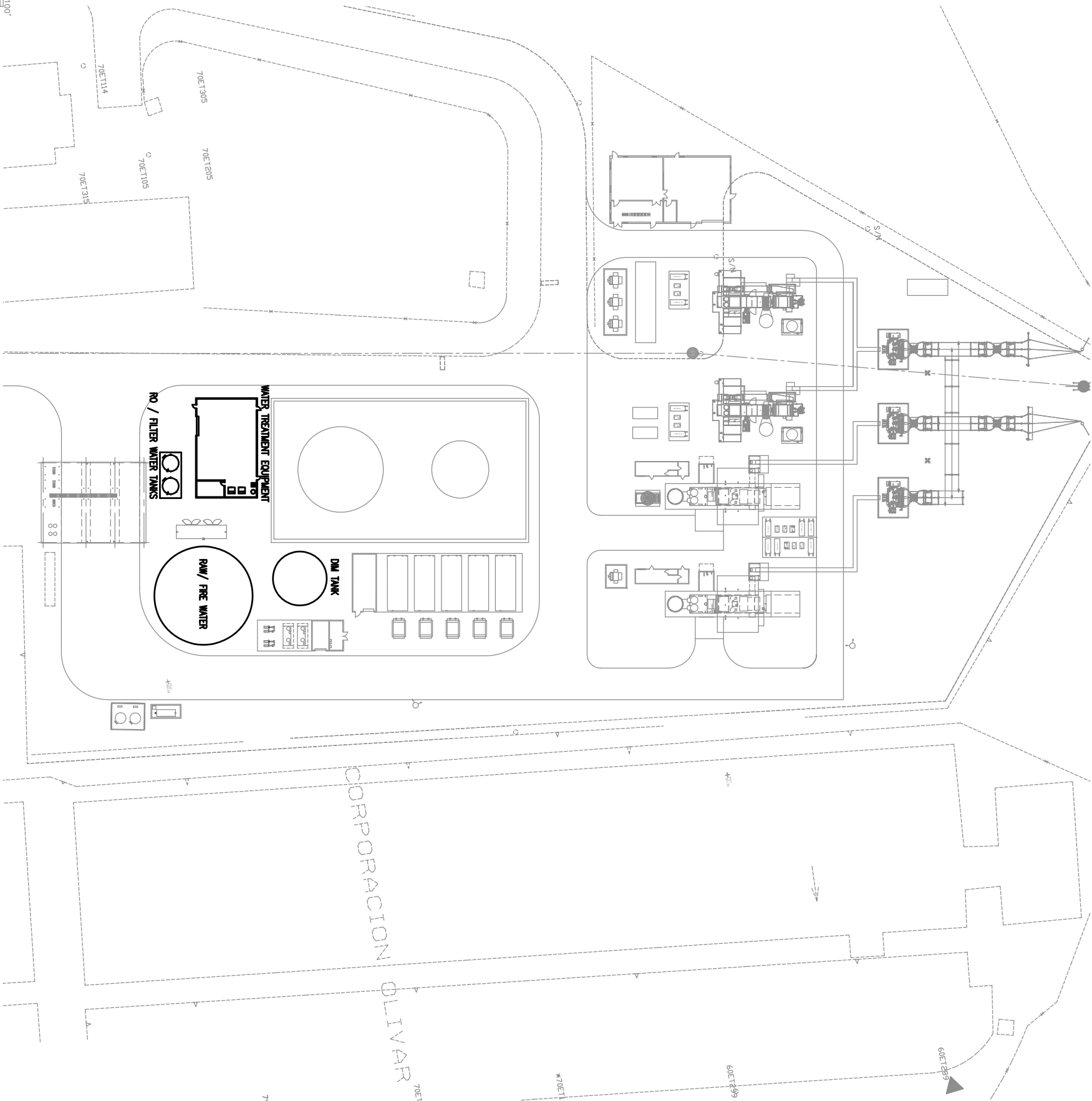
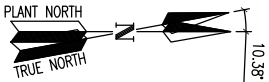
- 1 480 V Supply for treatment and pumps
- 1 Lot Electrical wire, conduit, and cable including installation with contract labor
- 1 480 V Distribution Panel
- 1 BOP 480V MCC

**Associated
Instrumentation:**

- 1 Lot Plant Instrumentation
- 1 Lot Interconnect to plant DCS System

Buildings:

- 1 Water Treatment Building expansion



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WATER TREATMENT CHANGE ORDER T-1009C			
GUARENAS POWER PLANT			
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