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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 12 August 2010, Thursday**

**PROJECT #: 410-3202**

**LOCATION: SIDOR Industrial Area, Puerto Ordaz, Venezuela**

**SITE MANAGER: Patrick Melody**

**TEMPERATURE: 88 F**

**RANGE: 85 to 95 F**

**SITE CONDITIONS: Partly Sunny / Heavy Overnight Rain / Pumping Water 4 hrs**

**PERSONNEL ON SITE:**

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| Lugo, Bill | Project Director | Newan, Miguel | Mat'l. Handler Local |
| Melody, Patrick | Site Manager | Izquierdo, Weiser | Mat'l. Handler Local |
| Siros, James | Mechanical Supt. | Herman, Flores | Tool Room Local |
| Bird, Jason | Technical Assistant | Monasterios, O | Safety Local |
| Riley, Jasper | Elect. Supt. | Leccia, Karina | Admin. Local |
| Little, John | Mat’l. Control | Zambrano Natalia | Elect. Eng. Local |
| Frawely, Ted | Elect. Supt. | Alvarez, Josbett | Admin. |
| Blacke, Edward | Safety Manager | Jansen, Teodoro | Translator |
| Lynch, Patrick | Piping Supt. | Lugo, Lee | Translator |
| Siros, Melinda | Turn Over | Rojas, Moises | Procurement Local |
| Caldwell, Donnie | Dual Fuel | Charcara, Alex | High Voltage |
| Green, Kathy | Dual Fuel | Young, Craig | High Voltage |
| Nash, Carlos | Dual Fuel | Galvez, Arturo | High Voltage |
| Smothers, Shelby | Dual Fuel | Goncalves, Adriano | High Voltage |
| Welty, Mark | Dual Fuel | Medina, David | High Voltage |
| Golden, Gabe | Dual Fuel | Silva, Rafael | High Voltage |
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**SUBCONTRACTOR PERSONNEL:**

**CIVIL**

Operators 10 Carpenter 26 Electrician 2 Concrete Finisher 9 Laborers 35 Iron Workers 7

Truck Driver 6 Welders 3 Plumber 2 Surveyor 3

Oilers 2 Mechanic Heavy 2

**Total 107**

**Mechanical**

Welders 9 Fitters/Mechaics 16

Helpers 10 Operators 2

**Electrical**

Electricians 20 Helpers 10

1. **GENERAL ITEMS**
   * 1. Design and procurement for the project needs to be completed as soon as possible to support current project schedule. Daily meetings are held with the design team and/or field engineers to follow up on the design and to discuss design changes

* Cathodic design for piping system needs to be finalized. Meeeting was held on site with local subcontractor. It was agreed to proceed on EPC basis. Design due in one week. Procurement one week duration.
* DCS wiring and raceway design is not complete. DCS equipment is still in fabrication. Equipment is being expedited to prevent it from being critical. Equipment will be shipped 9 Sept 2010
* Utility Bldg. HVAC design has not been provided. Quotes have been received for design/build from two subcontractors. PO has been initiated

1. **CLIENT ISSUES/CONCERNS:** 
   * 1. Preliminary discussions were held with SIDOR to discuss gas blows and alternative options. To the extent possible, SIDOR would like to minimize the need for gas blows.
     2. SIDOR has indicated that they require 100% x ray testing of all joints for gas systems. Issue is under discussion. SIDOR has offered to pay for 95% of testing on gas piping
     3. Sidor has indicated that the water supply is out of specification and will require pretreatment. SIDOR’s water treatment consultant will furnish recommendation for equipment and processes. SIDOR was advised that cost associated to bring water into acceptable parameters will be to their account. ESD to assist SIDOR’s consultant as needed.
     4. Derwick has verbally indicated that the Fuel storage tank, fuel unloading bldg. and related utilities will be removed from our scope of work. A written directive has not been received we are proceeding with installation of these elements.
2. **CIVIL:**
   * 1. Gas compressor Aux Transformer install reinforcing and forms
     2. Water Treatment Bldg. forms, rebar and anchor bolts
     3. Control Bldg – Complete duct bank
     4. GT 300 Backfill PEECC and PDC
3. **CONCRETE FOUNDATIONS:**
   * 1. Water Treatment Bldg. pour footings and grade beams
     2. Gas compressor Aux transformer form/rebar walls
     3. GT 300 Aux transformers walls forms and rebar
4. **MECHANICAL:**
   * 1. BOP Install three gas compressor
     2. GT 100 & 200Trimming engine packages
     3. GT 100 Cleaning filter house
     4. Fabricating pipe at gas compressor
     5. GT 300 Install piping inside the unit
     6. GT 300 Installing splice plates inside the stack
     7. GT 100 & 200 Install pipe on pipe racks
     8. Install process pipe at gas compressor
     9. GT 300 Install process pipe from GT 200 to gas compressor
     10. GT 300 Install piping at cooling water module and pump
     11. Dual Fuel – Install false start drain
     12. Dual Fuel – Install Purge air system
     13. Dual Fuel – Install liquid fuel drain
     14. GT 100 & 200 Install drain lines
     15. GT 200 Install filters @ filter house complete
     16. Demin Water tanks – Install 1st level ring wall
     17. Gas compressor – Drill and grouts anchor bolts for LM 6000 compressor/Drawing error
     18. GT 100 - Sprint Skid replace slinger ring and bearings
5. **ELECTRICAL:**
   * 1. Clean Duct Bank conduits
     2. Install cable racks in Manholes
     3. Install Battery chargers in UPS room
     4. High Voltage – Erect structural steel
     5. High Voltage – Prep foundation anchor bolts
     6. Utility bldg. - Install turbine control panel
     7. BOP – Install cable racks in manholes
     8. GT 100 Install conduit for low voltage
     9. GT 100 – Install cable tray GT 100 to Line Breaker
     10. GT 100 – Install seal tight and conduit at MGTB j-box
     11. GT 100 Install TCP 100
     12. GT 200 – Install cable tray GSU to breaker
     13. GT 300 - Erect cable tray support
6. **INSTRUMENTATION AND CONTROLS:**
7. **SCHEDULED ITEMS:** 
   * 1. ***General***
        1. CPS Schedule updates on going.
     2. ***Contract Milestone Payments***
        1. Completed Milestone Payments (50%)

Complete

* + - 1. Gas Turbines on Foundation (10%)

Complete

***8.1.2.3*** Civil Foundations Complete (25%)

August 20, 2010

***8.1.2.4*** Electrical/Mechanical Complete (10%)

October 31, 2010

* + - 1. Start- up Complete and Ready to Export Power (5%)

November 9, 2010

***Note (\*): These dates are being revised based upon an accelerated schedule.***

* + 1. ***Target Ready for Start-Up Dates***
       1. ***Unit 100 – LM6000***

Sept 10, 2010

* + - 1. ***Unit 200 – LM6000***

Sept 10, 2010

* + - 1. ***Unit 300 – 7EA***

October 31, 2010

***Note (\*): These dates are being revised based upon an accelerated schedule.***

1. **CRITICAL AREAS OF CONCERN:**

Design and procurement activities for the project need to be completed as soon as possible to support current project schedule. We continue to have daily communications with the design team in Tulsa as well as the field engineers on the design progress.

We have been requesting a design completion date to include it in our schedule. This information has not been received yet.

Subcontract negotiations underway for Utility Bldg. HVAC and painting.

* + 1. **SAFETY:**
       - 1. Develop JSA as needed
         2. Inspection of subcontractor power tools.
         3. Inspection of motorized equipment prior to usage.
         4. Scaffold and trenching inspections ongoing.
         5. A training course for work in existing switch yard has been held
         6. Site Orientation for New Staff
    2. **OUTSTANDING DRAWINGS:** 
       - 1. DCS design for piping system is not complete. Design has not been released for fabrication. This issue could impact critical path
    3. **DRAWINGS ISSUED:**

1. **PICTURES:**



**GT 300 7EA PEECC**



**Gas Compressors for LM 6000**