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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 27 August 2010, Friday**

**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 / Rain Shoers**

**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 | Lugo, Lee | Translator |
| Lynch, Patrick | Piping Supt. | Rojas, Moises | Procurement Local |
| Siros, Melinda | Turn Over | Young, Craig | High Voltage |
| Caldwell, Donnie | Dual Fuel | Medina, David | High Voltage |
| Green, Kathy | Dual Fuel | Villareal, Luis | High Voltage |
| Nash, Carlos | Dual Fuel | McIntrye, Charles | Dual Fuel |
| Smothers, Shelby | Dual Fuel | Olivas, Nestor | Dual Fuel |
| Welty, Mark | Dual Fuel | Sayago, Juan Carlos | Dual Fuel |
| Carter, Jimmy | Dual Fuel | Pollack, Mike | Manager Aero Dir. |
| Jackson, David | Dual Fuel | Doran, Patrick | I & C |
| Flowers, Kurt | I & C | Flowers, Caleb | I & C |
| Boykin, Ken | Start Up Manager | Jordan, Keith | Dual Fuel |
| Tokarse, Donald | Dual Fuel |  |  |

**SUBCONTRACTOR PERSONNEL:**

**CIVIL**

Operators 6 Carpenter 13 Electrician 2 Concrete Finisher 9 Laborers 25 Iron Workers 4

Truck Driver 3 Welders 3 Plumber 2 Surveyor 3

Oilers 2 Mechanic Heavy 2

**Total 63**

**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. Meeting was held on site with local subcontractor. It was agreed to proceed on EPC basis. Cost proposal has been received from subcontractor. Design has been received. ***Awaiting approval of design***
* DCS Equipment will be shipped 9 Sept 2010
* GT 100 & 200 MCC is not correctly configured. Bus bar is undersized. In adequate capacity for all required equipment. Detailed report to follow. ***Report has been released. Material is being sourced.***

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***. SIDOR has agreed to gas blows and has requested a written procedure for gas blows along with a site plan indicating location of gas blow offs.***
     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 has furnished a recommendation which is being reviewed by EDG. ***EDG has meet with the SIDOR’s vendor today to discuss their recommendations.***
     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. BOP Site grading
     2. BOP Back filling pipe
     3. BOP – Erect Gas Compressor Shed
     4. BOP – Erect Water Treatment Bldg.
     5. BOP – Control Bldg. excavate for utilities
     6. BOP – Excavate to road subgrade
3. **CONCRETE FOUNDATIONS:**
   * 1. Miscellaneous foundations for stairs and ladders
4. **MECHANICAL:**
   * 1. GT 100 Install Drain Pipe on Lube Oil unit
     2. GT 100 & 200 Install gas piping from filter skid to Unit
     3. BOP Install process pipe at gas compressor
     4. GT 300 Dual Fuel – Install false start drain
     5. GT 300 Dual Fuel – Install Purge air system
     6. GT 300 Dual Fuel – Install liquid fuel drain
     7. BOP Install process pipe at gas compressor
     8. Demin Water tanks – Install 5th level ring wall/ production welding
     9. Raw Water tanks – Install 2nd ring wall complete production welding
     10. GT 200 Install turbine/engine piping & accessories
5. **ELECTRICAL:**
   * 1. GT 100 – Install conduit to exhaust and vent fans
     2. GT 100 - Install conduit filter house
     3. GT 200 – Install cable GT to TCP 200
     4. GT 200 – Install cable to MTTB 200
     5. GT 200 – Megger Motors
     6. GT 200 – Torque MCC bus bar
     7. GT 200 – Install 750 lugs on SWGR 200
     8. GT 200 – MCC 200 terminate cables
     9. GT 200 – Install conduit/sealtight at auxiliary skid
     10. High Voltage – Erect structural steel
     11. GT 100 Install conduit for low voltage
     12. GT 100 & 200 Install ground grid
     13. BOP – Utility Bldg. install cable tray in UPS
     14. BOP – Install batteries
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%)

Sept 10, 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.***

**\*\*\*** Outstanding foundations include Control Building slab, Fuel storage tank, and fuel unloading station. Contractor has reduced manpower due to payment issues.

* + 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.
* The gas compressor motors for the LM 6000 are 3300kv. Transformers and MCC’s are 4160kv. One new motor will be procured. Three motors will be rewound locally. ***A cost proposal has been received. A 50% advance payment to the vendor is expected to take place tomorrow. One motor will be ready in 20 days. Second motor in 30 days…fourth in 40 days.***
* EDG has completed the Cable Schedule for the project. We currently have 33% of the cable required on site. Cable procurement is ongoing. Schedule is being severely impacted due to lack of cable on site. 750 & 500 mcm Cable is expected to arrive 2 Sept 2010. Balance of cable required for first fire is in Houston. ***List of available cables from Tacoa has been received.***
  + 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. Site Orientation for New Staff
    2. **OUTSTANDING DRAWINGS:**
    3. **DRAWINGS ISSUED:**

1. **PICTURES:**



**GT 200 Electrical & Mechanical Installation**