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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 20 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**

**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 | Goncalves, Adriano | High Voltage |
| Green, Kathy | Dual Fuel | Young, Craig | High Voltage |
| Nash, Carlos | Dual Fuel | Medina, David | High Voltage |
| Smothers, Shelby | Dual Fuel | Villareal, Luis | High Voltage |
| Welty, Mark | Dual Fuel | McIntrye, Charles | Dual Fuel |
| Carter, Jimmy | Dual Fuel | Olivas, Nestor | Dual Fuel |
| Jackson, David | Dual Fuel | Sayago, Juan carlos | Dual Fuel |

**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. Meeting was held on site with local subcontractor. It was agreed to proceed on EPC basis. ***Design due on Friday.*** Procurement one week duration.
* DCS wiring and raceway design is not complete.Equipment will be shipped 9 Sept 2010
* The following subcontractor/vendors require payments to either start work, continue work, or furnish material.
  + BASF- Vendor -Furnish grout
  + Insumos y Herramientas Vendor electrical materials
  + Refracions – Subcontractor UtilityBldg. HVAC
  + Tecnica de el Acero – Subcontractor tank erection

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 has furnished a recommendation which will be reviewed by EDG
     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.
     5. ***Cable procurement is ongoing. Schedule is being severely impacted due to lack of cable on site.***
2. **CIVIL:**
   * 1. BOP Site grading
     2. BOP Back filling pipe
     3. GT 300 PDC foundations additional foundations
     4. Fine grade stone at control building
3. **CONCRETE FOUNDATIONS:**
   * 1. GT 300 – Auxiliary Transformer strip forms
     2. Miscellaneous foundations for stairs and ladders
4. **MECHANICAL:**
   * 1. BOP Inspecting gas compressors
     2. GT 100 Install Air Filters
     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. Demin Water tanks – Install 4th level ring wall/Start production welding
     8. GT 300 Install Demin water
     9. GT 200 Install turbine engine
     10. GT 200 Set gas filter on foundation
5. **ELECTRICAL:**
   * 1. GT 100 – Install conduit to exhaust and vent fans
     2. GT 200 – Install conduit to JB 55/ MTTB panel
     3. GT 300 – Install T4 and T5 transformer
     4. High Voltage – Erect structural steel
     5. High Voltage – Prep foundation anchor bolts
     6. GT 100 Install conduit for low voltage
     7. Black Start – Reassembled and started
     8. BOP – Install Water Treatment Auxiliary Transformer
     9. BOP – Install Gas compressor Auxiliary Transformers
     10. Install Switch Yard ground grid
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.
* We have been requesting a design completion date to include it in our schedule. This information has not been received yet.
* The gas compressor motors for the LM 6000 are 3300kv. Transformers and MCC’s are 4160kv. ***A gas compressor motor was removed and tested at SIDOR’s motor shop. Results indicate a PI 0.57. Motor is unacceptable.***
* EDG has completed the Cable Schedule for the project. We currently have 33% of the cable required on site. ***Cable has been procured. Scheduled to arrive on site 2 Sept 2010. Schedule will be revised to reflect cable delivery.***
  + 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:**

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**Process Pipe Installation**