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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 19 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**

**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. DCS equipment is still in fabrication. Equipment is being expedited to prevent it from being critical. 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
  + ***Repaint – Subcontractor – Has mobilized***
  + 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. Installing drainage structures east side
     3. BOP Back filling pipe
     4. Water Treatment Bldg. Strip and cure slab
3. **CONCRETE FOUNDATIONS:**
   * 1. GT 300 – Auxiliary Transformer concrete placement retaining walls
4. **MECHANICAL:**
   * 1. BOP Inspecting gas compressors
     2. BOP Install process pipe at gas compressor
     3. GT 300 Dual Fuel – Install false start drain
     4. GT 300 Dual Fuel – Install Purge air system
     5. GT 300 Dual Fuel – Install liquid fuel drain
     6. Demin Water tanks – Install 4th level ring wall/Start production welding
     7. GT 300 Install platforms at PEECC
     8. GT 200 Install CO2 piping & cabinet
5. **ELECTRICAL:**
   * 1. GT 100 – Install conduit to exhaust and vent fans
     2. GT 200 – Install conduit to JB 55/ MTTB panel
     3. Clean Duct Bank conduits
     4. High Voltage – Erect structural steel
     5. High Voltage – Prep foundation anchor bolts
     6. GT 100 Install conduit for low voltage
     7. GT 100 – TA2 to DB 100 & 200 Cable pull
     8. Black Start – Clean windings..low meager readings
     9. Cable Pull MCC 100 to DP 100/200
     10. BOP – Install Water Treatment Auxiliary Transformer
     11. BOP – Install Gas compressor Auxiliary Transformers
     12. 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%)

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.
* The gas compressor motors for the LM 6000 are 3300kv. Transformers and MCC’s are 4160kv. A motor was removed and sent to SIDOR’s motor shop for testing to determine if motor can be used with 4160 transformer. ***Local motor shop has indicated that they can rewind the motors. Siemens to assist in rewind criteria.***
* EDG has completed the Cable Schedule for the project. We currently have 33% of the cable required on site. Cables pulls and schedule are adversely affected. ***Cable is being procured.***
  + 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:**
    3. **DRAWINGS ISSUED:**

1. **PICTURES:**

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