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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 17 August 2010, Tuesday**

**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 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
* ***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 – Paint Gt 100 & 200***
  + ***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 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 slab concrete placement
3. **CONCRETE FOUNDATIONS:**
   * 1. Control Building concrete placementfootings and grade beams
4. **MECHANICAL:**
   * 1. BOP Inspecting gas compressors
     2. Install process pipe at gas compressor
     3. Dual Fuel – Install false start drain
     4. Dual Fuel – Install Purge air system
     5. 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. Clean Duct Bank conduits
     2. High Voltage – Erect structural steel
     3. High Voltage – Prep foundation anchor bolts
     4. BOP – Install cable racks in manholes
     5. GT 100 Install conduit for low voltage
     6. GT 100 – TA2 to DB 100 & 200 Cable pull
     7. Initiate black start
     8. Battery Room tray assembly
     9. GT 300 - Erect cable tray support
     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%)

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.***
* ***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. Updates on procurement and shipping of the balance of the cables required are not available.***
  + 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:**



**Process Piping to Gas Compressor**

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**Night Shift Electrical Terminations**

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**Night Shift Mechanical Piping**