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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 22 August 2010, Sunday**

**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 |  |  |
| Melody, Patrick | Site Manager |  |  |
| Siros, James | Mechanical Supt. |  |  |
| Bird, Jason | Technical Assistant |  |  |
| Riley, Jasper | Elect. Supt. |  |  |
| Little, John | Mat’l. Control |  |  |
| Frawely, Ted | Elect. Supt. |  |  |
| Blacke, Edward | Safety Manager | Young, Craig | High Voltage |
| Lynch, Patrick | Piping Supt. | Galvez, Arturo | High Voltage |
|  |  | Goncalves, Adriano | High Voltage |
|  |  | Goncalves, Adriano | High Voltage |
|  |  | Medina, David | High Voltage |
|  |  | Silva, Rafael | High Voltage |
|  |  |  |  |
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**SUBCONTRACTOR PERSONNEL:**

**CIVIL**

Operators Carpenter Electrician Concrete Finisher Laborers Iron Workers

Truck Driver Welders Plumber Surveyor

Oilers Mechanic Heavy

**Total**

**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. Awaiting design.***
* 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 is being 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. ***Cable is expected to arrive 2 Sept 2010. Extreme schedule impact.***
2. **CIVIL:**

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2. **CONCRETE FOUNDATIONS:**
   * 1. No activity
3. **MECHANICAL**
   * 1. Install process pipe to GT 200
     2. GT 200 Align turbine/generator
4. **ELECTRICAL:**
   * 1. Complete terminations for load side of Black Start to DP 100/200
     2. High Voltage – Erect structural steel
     3. Complete terminations for lineside MCC 100 to DP100/@))
     4. Install Sync Switch on Rack
     5. Install ground grid in Switch yard
5. **INSTRUMENTATION AND CONTROLS:**
6. **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.

* + 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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**Installing Pipe on Racks**