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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 19 July 2010, Monday**

**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 Cloudy/Rain**

**PERSONNEL ON SITE:**

|  |  |  |  |
| --- | --- | --- | --- |
| Lugo, Bill | Project Director |  |  |
|  |  |  |  |
| Siros, James | Mechanical Supt. | Newan, Miguel | Mat'l. Handler (Local) |
| Bird, Jason | Technical Assistant | Izquierdo, Weiser | Mat'l. Handler (Local) |
| Melody, Patrick | Site Manager | Herman, Flores | Tool Room (Local) |
| Little, John | Mat’l. Control | Monasterios, O | Safety ( Local) |
| Frawely, Ted | Elect. Supt. |  |  |
| Blacke, Edward | Safety Manager |  |  |
|  |  | Leccia, Karina | Admin. |
|  |  | Zambrano Natalia | Document Control |
| Horn, Mike |  | Alvarez, Josbett | Admin. |
|  |  | Jansen, Teodoro | Translator |
|  |  | Rojas, Moises | Local Procurement |

**SUBCONTRACTOR PERSONNEL:**

Operators 7 Carpenter 20 Electrician 3 Laborers 15 Helper 20 Warehouse Assist 2

Truck Driver 6 Operator Crane 2

Welders 3 Plumber 2

Oilers 2 Mechanic Heavy 1

Master Operator 4 Master Mechanic 1

Survey Assistant 2 Concrete Finisher 9

Surveyor 2

Iron Workers 7

**Total 108**

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.

* Receipt of cathodic design and material is currently restraining erection of the Raw Water and Demin Water tank.
* DCS wiring and raceway design is not complete. DCS equipment is still in fabrication. Equipment is being expedited to prevent it from being critical.

1. **CLIENT ISSUES/CONCERNS:** 
   * 1. Location of existing gas line between 7EA and Control Building remains undeterminable after test pitting. Caution needs to be taken in excavations for foundations on west side of 7EA.
     2. SIDOR has indicated they have an onsite Demin water source that is available for our use if required. SIDOR will supply tank trucks as needed to furnish approximately 85 gpm. SIDOR is interested in negating any schedules impact from the delay in removing power poles.
     3. 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. **CIVIL:**
   * 1. Switch yard foundations ongoing
     2. Switch yard - Site grading
     3. Dewatering of site due to heavy overnight rains continues.
     4. Start civil work in existing switch yard – Cable trench
3. **CONCRETE FOUNDATIONS:**
   * 1. Switch yard foundations – Concrete placement
     2. Raw Water Tank set forms & rebar
4. **MECHANICAL:**
   * 1. GT 200 Fabricating Pipe at gas compressor
     2. GT 300 Install piping inside the unit
     3. GT 300 Installing splice plates inside the stack
     4. Unload pipe racks
     5. Excavating for fire line at gas compressor
     6. GT 200 Modifying cable tray rack
5. **ELECTRICAL:**
   * 1. Install conduit at duct bank
     2. Clean Duct Bank conduits
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%)

August 28, 2010

* + - 1. Start- up Complete and Ready to Export Power (5%)

Sept. 15, 2010

***Note (\*):These dates are being revised based upon payments received on 14 July 2010.***

* + 1. ***Target Ready for Start-Up Dates***
       1. ***Unit 100 – LM6000***

Aug 31, 2010

* + - 1. ***Unit 200 – LM6000***

Aug 31, 2010

* + - 1. ***Unit 300 – 7EA***

Aug 28, 2010

***Note (\*): These dates are being revised based upon payments received on 14 July 2010.***

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.

Numerous scopes of work/material quotations have been prepared and are awaiting execution. ***A Subcontractor has been selected for erection of Pre Engineered Building. Purchase order will be issued early next week. The final proposal for tank erection has been received. Purchase order for tank erection will be issued this week.***

Dual fuel conversion activities are being evaluated as potentially impacting the critical path.

* + 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
    2. **OUTSTANDING DRAWINGS:** 
       - 1. Cathodic Protection Dwgs
         2. Cable tray drawings for Water Treatment, Gas Compressor, and Control Maintenance Bldgs.
         3. ***DCS design is not complete. Design has not been released for fabrication. This issue could impact critical path***
    3. **DRAWINGS ISSUED:**

**11. PICTURES:**



Existing Switch Yard



GT 300 7EA