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| EPC | Weekly Report **24 July 2010** | |
| Date: 24 July 2010 | Project: Sidor Site A, Puerto Ordaz Venezuela | |
| Written By: Patrick Melody | ProEnergy EPC Project Mgr  ProEnergy Site Manager | William Lugo  Patrick Melody |
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**1. Executive Summary .**

This report provide an overview of the project activities for the week ending 7

* 1. **Safety & Regulatory Compliance** 
     + Develop Job Safety Analysis as required.
     + Inspection of motorized equipment prior to usage.
     + Inspection of subcontractor power tools.
     + Site orientation for tie in work in existing switchyard
  2. **Personnel/Staffing**

|  |  |  |  |
| --- | --- | --- | --- |
| Lugo, Bill | Project Director |  |  |
|  |  |  |  |
| Melody, Patrick | Site Manager | Daniels, Julio | Tool Room (Local) |
| Siros, James | Mech. Supt. | Izquierdo, Weiser | Mat'l. Handler |
| Bird, Jason | Tech. Advisor | Flores, Herman | Tool Room (Local) |
| Little, John | Material Manager | Newan, Miguel | Mat’l Handler |
| Frawely, Ted | Electrical |  |  |
| Blacke, Edward | Safety Manager | Leccia, Karina | Admin Assist |
| Riley, Jasper |  | Rojas, Moises | Logistics |
| Lynch, Patrick |  | Zambrano, Natalia | Electrical Engineer |
|  |  | Alvarez, Josbett | Translator |
|  |  | Jansen Teodoro | Translator |
|  |  | Monasterios, O | Safety ( Local) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

* 1. **Weekly Accomplishments** 
     + GT 100 Install pipe racks
     + GT 100 Site Grading
     + GT 200 GSU Install Radiators
     + GT 300 Mobilize Dual Fuel Conversion Team
     + GT 300 Exhaust Stack – Interior welding
     + GT 300 Place concrete foundation for PEECC
     + GT 300 Place concrete foundation for Cooling Water Module
     + GT 300 Install piping in the unit ongoing
     + GT 300 Excavate for water injection skid
     + GT 300 Backfill GT foundation to grade ongoing
     + Duct bank – West side of GT 300
     + BOP – Fabricating pipe to gas compressor
     + BOP – Demin Water Tank – Backfill tank in process
     + BOP – Raw Water Tank – Place concret foundation
     + BOP - Switch Yard Foundations Ongoing
     + BOP – Switch Yard Grading
     + BOP – Install fire line ongoing
     + BOP - Install process pipe ongoing
     + BOP - Clean and verify duct bank conduit
     + BOP – Switch Yard Duct Bank
     + BOP – Extend Trench in Existing Switch Yard
     + BOP - Mobilize High Voltage Team



**1.4– Scheduling Conflicts**

* CPM schedule was issued 14 June 2010***.*** Impacts resulting from the lack of progress payments is being reviewed for inclusion.
  1. **– Site Managers Commentary and Amplifying Remarks**
* ***Civil and mechanical underground scope of work is adversely affected by heavy nightly rains***
* . ***Dual fuel conversion team arrived on site 23 Jul 10***
* ***Civil unrest is adversely impacting the teams ability to access the site and receive deliveries. Acces Gates to the SIDOR plant were blocked for three days by striking workers. No deliveries including concrete were allowed. PEs local staff was not allowed to enter. Subcontractors personnel were conscriptedto join the protest march***
* The following components have been sent to Termozulia. Beckwith; Electro Industries volt/amp meter; coupling bolts; purge and vent valves for fuel gas module; and ignition transformer. Lead times are critical for replacement of these items. Control cards for 7EA are also required this week by Termozulia.
* SIDOR has indicated that there is an existing Demin Water Treatment plant on Site with the capacity to deliver 68 GPM. SIDOR wants to minimize the impact of the delay in tank construction due to their failure to remove the power lines.
* ***Heavy nightly rains and intermittent showers during the day are seriously impacting production. Three days this week required extensive dewatering to resume work***
* ***DCS design is not complete. DCS has not been released for fabrication.***

**2 Engineering and Design**

**2.1 – General Arrangement-**

**2.2 – Site /Civil /Structural**

**2.3 – Mechanical**

**2.4 – Electrical**

* + - ***DCS Design is not complete.***
    - ***Cathodic protection design is not complete.***
    - ***Paint specification is required for tanks and GT’s***

**2.5 – Instrumentation**

* **Ongoing**

**2.6 – O&M Manuals –**

* **Ongoing**

**3 Procurement**

**3.1 – Purchase Order Requests**

**3.2– Equipment & Material Quotations**

**3.3 - Purchase Order –**

* Purchase Orders have been prepared for the following
  + Electrical Subcontractor – Duct bank cleaning / Ground grid
  + Misc. Metal fabrication
  + Pre Engineered Metal Building Erection
  + Tank erection

**4 Contracts**

**4.1 – EPC Contract –**

**4.2 – Construction Subcontracts –**

**4.3 – Proposal & Quotes**

**5 Construction**

* **5.1 Schedule**
* CPM schedule was issued 14 June 2010.

**5.2 Equipment Delivery**

* **Boro5.3 Mechanical**
* GT 100 – GT Erection is complete
* GT 200 – GT Erection is complete. Awaiting arrival of turbine for installation.
* GT 300 – GT Erection is complete

**5.4 Electrical**

* Installation of Manholes and duct banks is ongoing.

**5.5 QA/QC**

* Inspections of concrete placements, excavation, welding, and backfill activities is ongoing.

**6 Startup & Commissioning**

* Pending.

**7 Startup Mobilization**

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GT 200 GSU Transformer



Gas Compressor Process Piping Installation