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| EPC | Weekly Report 29Ma**y 2010** | |
| Date: 29May 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 15 May 2010 for the engineering, procurement, and the construction activities on site.

* 1. **Safety & Regulatory Compliance** 
     + Develop Job Safety Analysis as required.
     + Inspection of motorized equipment prior to usage.
     + Inspection of subcontractor power tools.
  2. **Personnel/Staffing**

|  |  |  |  |
| --- | --- | --- | --- |
| Lugo, Bill | Project Director | Bird, Jason | Tech Adviser 7EA |
|  |  |  |  |
| Melody, Patrick | Site Manager | Horn, Ryan | Tool Room Super. |
| Blacke, Edward | Safety Manager | Little, John | Mat’l. Coordinator |
| Soriano, Rafael | QA/QC Manager |  |  |
| Siros, James | Mech. Supt. | Daniels, Julio | Tool Room (Local) |
| Archuleta, Pete | Piping Supt. | Izquierdo, Weiser | Mat'l. Handler |
| Riley, Jasper | Electrical Supt | Lopez, Juan Carlos | Mat'l. Handler |
|  |  | Flores, Herman | Tool Room (Local) |
|  |  |  |  |
|  |  | Leccia, Karina | Admin Assist |
|  |  | Rojas, Moises | Logistics |
|  |  | Zambrano, Natalia | Translator |
|  |  | Alvarez Josbett | Translator |
|  |  | Jansen Teodoro | Translator |
|  |  |  |  |

* 1. **Weekly Accomplishments**
* GT 100 Complete duct bank MH 7 to GT 100
  + - GT 100 Complete cable rack foundations/piers
    - GT 100 Complete placement pipe rack foundations & piers
    - GT 100 Complete install auxiliary skid
    - GT 100 Install auxiliary skid piping
    - GT 200 Complete placement pipe rack footings & piers
    - GT 200 Form/Rebar/Pour cable tray foundations and piers
    - GT 200 Complete install auxiliary skid
    - GT 200 Complete GSU blast wall
    - GT 200 Complete pre alignment
    - GT 200 Complete cable rack foundations/piers
    - GT 200 Form/rebar /pour pipe rack foundation
    - GT 200 Complete duct bank MH 2 to GT 100
    - GT 300 Complete GSU blast wall
    - GT 300 Erect structural columns for sound walls
    - GT 300 Install baffles in Exhaust stack.
    - GT 300 Install EFB piping
    - GT 300 Install generator filter roof panel
    - GT 300 Install accessory enclosure walls
    - GT 300 Set transition to air inlet filter house
    - GT 300 Set forms, reinforcing and anchor bolts stack foundations
    - GT 300 Inspect and service blower motors
    - GT 300 Install cooling water piping
    - GT 300 Unload GSU transformer
    - Utility Bldg. footing concrete placement
    - Install Conduit MH 8 to water treatment building
    - Install Conduit MH 7 to MH 7.
    - Install Conduit SWBD to TA 3
    - Complete black start generator foundation
    - Excavate high voltage duct bank from SWBD to TA4
    - Back fill duct banks and MH’s
    - Fabricate pipe spools for fire protection line
    - Install Hanover gas compressor on foundation



**1.4– Scheduling Conflicts**

* Development of CPM schedule is ongoing.
  1. **– Site Managers Commentary and Amplifying Remarks**
* Shipments are not being released by customs due to errors in shipping documents. Line items values do not equal the total for the shipment.
* Daily rains and heavy overnight rains are causing delays.
* GT 300 GSU transformer was damaged in shipment. See attached photo.

**2 Engineering and Design**

**2.1 – General Arrangement-**

**2.2 – Site /Civil /Structural**

**2.3 – Mechanical**

* Fully coordinated underground piping drawings are required.

**2.4 – Electrical**

* + - Additional detail is required to stub up conduit at the location required.
    - Grounding grid drawings are required.

**2.5 – Instrumentation**

* **Ongoing**

**2.6 – O&M Manuals –**

* **Ongoing**

**3 Procurement**

**3.1 – Purchase Order Requests**

* A local vendor list is being developed with the assistance of SIDOR.

1. **– Equipment & Material Quotations**

* Local procurement is hampered by financial restraints

**3.3 - Purchase Order –**

**4 Contracts**

**4.1 – EPC Contract –**

**4.2 – Construction Subcontracts –**

* A Purchase Order is pending for excavation of underground utilities.

**4.3 – Proposal & Quotes**

**5 Construction**

**5.1 Schedule**

* CPM schedule development is ongoing.

**5.2 Equipment Delivery**

* Industrial Dawn – 100 boxes/7 containers
* Ocean Titan at Puerto Ordaz pier – Awaiting unloading

- 116 boxes/1 container

**5.3 Mechanical**

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

**5.4 Electrical**

* Installation of Manholes and duct banks is ongoing.

**5.5 QA/QC –**

* Inspections of concrete placement, excavation, and backfill activities is ongoing.
* SIDOR has provided direction for implementation of PDVESA Concrete specification for non massive concrete placements. Rejected concrete may be used in duct bank placements

**6 Startup & Commissioning**

* Pending.

**7 Startup Mobilization**



GT 300 GSU Transformer Shipping Damage









GT 100 Auxiliary Skid



GT 200 Auxiliary Skid



GT 300 Stack Foundation



GT 300 7EA Erection