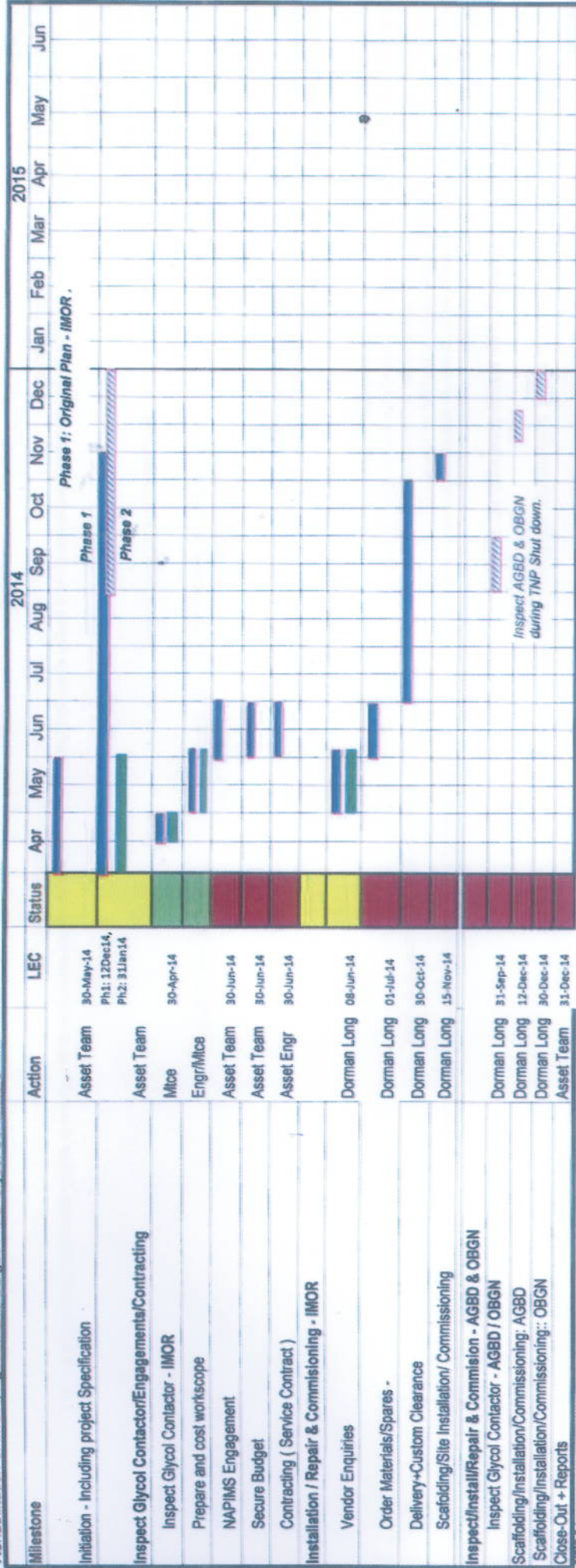


Rehabilitation of IMOR, Agbada and Obigbo AGG Glycol Contactors



Objective of Plan
To Rehabilitate Imor, Agbada and Obigbo AGG Glycol Contactors

By Implementing this project, Water Dew Point of the AGGs will be achieved and elimination of liquid loading of the Gas Pipeline and elimination of combined deferment of XX bopd due to staying within flared gas target by Jan 2015

Actions to meet Objective

- Rehabilitate and restore the defective Glycol Contactors
- Operate the plants within the design envelopes
- Review the maintenance strategy for Glycol contactors to include regular inspection of the vessel internal

Requirements To Meet Objectives

- Rehabilitation activities require quick mobilisation of competent mechanical contractors to achieve the deadline of 31st Dec 2014 to achieve Water Dew Point of 15deg C. Further shutdown of another AGG plant without IMOR restored will threaten DOMGAS supply with contingent reputation challenge for SPDC
- Further to (1) above, it is proposed to Place a Single Source Tender (Mile stone payment) with Dorman Long to inspect, procure

(Identified spares from the inspection work) and rehabilitate the Glycol contactors.

- There will be both an incentive for early completion ahead of schedule and a penalty for project slip.

Dormanlong has the experience, competencies and facilities of the necessary kind to execute this work and will RECOVER the three Glycol Contactors to ASME standard to meet the required integrity standard

Risks

- Delay by NAPIAMS: There is no guarantee of an early approval by NAPIAMS, hence this may lead to a project slip
- Budget Delays: Budget delays is a real challenge since this activity is not in the 2014 base plan. USD \$1.5 mln (\$0.500 mln x 3 no) required
- Contracting delays: mitigation by awarding a single source Tender to Dormanlong who have the O&M experience and capacity to rectify the Glycol Contactors after repairs
- Availability of spare parts could jeopardise meeting End 31Dec2014 for achieving Dew Point Target. Airfreighting is preferred to Sea freight.
- Rehabilitation of each Glycol Contact will require station shutdown: mitigation by planning to execute shutdown elements of the works during the TNP planned shutdown in Q3 and Q4 2014

Budget

Management support required for CAPEX budget of \$1.5 mln to rehab IMOR, AG8D and OBGN AGG plants

Procurement

Spares and materials will be air-freighted to meet 31Dec2014 deadline to achieve AGG 15degC in all Land1 AGGs

Contracting

This is critical to meeting targets. Single source contracts to Dormanlong is proposed.

HSE

Implementation shall comply with relevant CMG and process safety requirements.

Implementation Team

- Chuks Izuogu - Project Coordinator / Lead
- John Ugboaso - Project Engineer
- Friday Ani - Maintenance Coordinator
- Emeka Esikodu - Supply Chain lead AGG facility
- Idongest Ofonime - Process Engineer
- Emmanuel Wilcox - Operations coordinator
- James Anyanwu - HSE lead

Approved to Proceed with Project

Proposed: 
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