Charter Template

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| **Project Title**  **# 6012 Reactivation of BOGT Associated Gas Compressors - 4 stages**   |  | | --- | | **Business Case/Objectives:**  **Bonny oil and gas terminal has an AG compressor which was not fully commissioned. There was a deep dive plan execution in 2013 which revived stage 1-2 of the compressor. The stage 3 & 4 have been comatose since then. The compressor currently utilizes stage 1 &2 for blanket gas purposes and flare of 2.314 mmscf/d on the average. The accompanying deferment and costs are quite significant.**  **This initiative will help resolve the challenges that hinder the restart of stages 3 and 4 and develop actions for implementation with support from relevant teams. Ultimately, the aim is to restore the full functionality of all stages of the AG compressor within a year.** | | |  |  |  | | --- | --- | --- | | **Potential Benefits & Measurement**   1. Reduction in flare volumes of BOGT from 2.314mmscf/d to 0.05mmscf/d. this should align with industry best practices and reduce environmental degradation. 2. Potential to boost NLNG gas supply by more than 4mmscf/d. | **Project Scope/Actions**  **Phase 1**   1. Carry out joint inspection to assess scope of work: 15/02/2018 - 28/02/2018 2. Review findings from recent plant assessment 23/02/2017 - 12/03/2018 3. Develop a multidisciplinary work scope and submit to get leadership approval: 17/03/2018 - 01/04/2018 4. Source for contractor and open discussion (on specialist support areas): 05/04/2018 - 30/04/2018   **Phase 2**   1. Secure necessary budget, CC approvals and begin procurement: 01/05/2018 - 30/05/2018 2. Execute work and vendor mobilization on site: 01/07/2018 onwards to 28/12/2018 3. Review and close. (Q1, 2019)   **Phase 3**   1. Activate maintenance plans for the AG compressor unit on SAP. | **Critical Success Factors**   * Increase in gas supply for AG solution (more wells need to be streamed to the Terminal). * Procurement of spares * Execution of integration and soft loop checks by Contractor (like GE, BCUB, Intech) * Availability of two running turbines to sustain continuous running of AG compressor plant. | |      |  |  |  | | --- | --- | --- | | **High-level Timeline:**  L1:………….  L2:…………..  L3:…………..  L4:…………..  L5:………….. | **Summary:**  BOGT AG compressor stages 3 and 4 have been comatose since commissioning of the BTIT project which has caused the terminal flare volumes to remain high. This cadence is geared towards resolving these issues, implementing solutions and improving the gas supply for NLNG export by 4mmscf/d estimate. | Project Sponsor: Asset Manager  Implementation Leads: Sotonye Georgewill, And Opel Joel.  Project Team: | |