Charter Template

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| **Project Title**  **BOGT Enclosed flare repairs**   |  | | --- | | **Business Case/Objectives:**  **Bonny oil and gas terminal has an enclosed flare for the Terminal that is currently damaged. There are visible signs of a structural defects of the flare superstructure which if not repaired could cause the enclosed flare stack superstructure to collapse. Collapse of the flare enclosure may result to a major environmental effect and process safety incident. Unavailability of the Flare System will mean a shutdown of the whole Terminal which implies deferment of all SPDC East & 3rd party crude production which is currently at 408,960 bbl/d. The accompanying deferment and safety concerns are quite significant.**  **This initiative will help repair the BOGT enclosed flare and do so safely without any impact on BOGT crude oil processing and export capability. The initiative will do so by developing actions for implementation with support from relevant teams and to achieve this within a year and six months.** | | |  |  |  | | --- | --- | --- | | **Potential Benefits & Measurement**   1. Ensure the structural integrity of the flare stack and eliminate the potential of a collapse and avert any process safety incident. 2. Ensure availability of the flare to sustain all SPDC crude inventory to the terminal of 408,960 bbl/day. | **Project Scope/Actions**  **Phase 1**   1. Carry out joint inspection to assess scope of work: 20/02/2018 - 28/02/2018 2. Review findings from recent plant assessment 01/03/2018 - 10/03/2018 3. Develop a multidisciplinary work scope and Raise Engineer work request: 19/03/2018 - 02/04/2018 4. Initiate procurement of long lead items 31/03/2018 - 30/09/2018 5. Secure all necessary approvals and put contract in place 01/04/2018 - 30/07/2018 6. Secure BFM approval and procure external services 01/08/2018 - 31/08/2018 7. Mobilize vendor to site and execute work 01/08/2018 onwards 8. Review and close. | **Critical Success Factors**   * Approved EWR. * Procurement of spares to revamp alternate horizontal flare * Community engagement for flare environmental concerns for the horizontal flare * Verify the status and function test the alternate horizontal flare * Execution of flare job to be done by Contractor * Availability of budget. | |      |  |  |  | | --- | --- | --- | | **High-level Timeline:**  L1:………….  L2:…………..  L3:…………..  L4:…………..  L5:………….. | **Summary:**  BOGT flare is structurally defective and in need of sectional repairs which if not done could lead to an eminent collapse and shut in of all SPDC East crude oil production which stands currently at 409,960 bbls/d. This cadence aims to deliver sectional repair of the enclosed flare and ensure the integrity of BOGT Flare System. | Project Sponsor: Asset Manager  Implementation Leads: Bernard Okoro.  Project Team: Terminal Engineering | |