**Charter Template**

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| **Project Title:**  Gas Chromatograph Reliability & Sustain Availability of GCs for NLNG Supply   |  | | --- | | **Business Case/Objectives**:  Improve the Reliability & Availability of Gas Chromatography (GC) units across SPDC  **Business case:**  Gas Chromatography systems are installed in SPDC Gas Export facility to measure the quality of the gas sold to customers. This measurement is a factor in determining the sales price of the gas sold NLNG. SPDC losing ca $48 Million dollar annually due poor performance GC systems in the NLNG Gas supply stream. There is an opportunity to recover this value by improving the availability and reliability of GCs in our operations.  **Objectives:**   * Improve Gas sales quality measurement * Improve the quality of Frontline Maintenance & Routine Maintenance of GCs * Improve quality of support for GC operations and maintenance (spares /competence/ contracting) | | |  |  |  | | --- | --- | --- | | **Potential Benefits & Measurement:**   * Additional $48m annually from improving Gas Sales quality measurement. | **Project Scope/Actions :**   * Baseline the performance of GCs in SPDC * Restore GCs that are out of service * Identify gaps in installation against PIP and close gaps * Improve the quality of Frontline Maintenance & Routine Maintenance of GCs * Process that ensures availability of Consumables & Spares * Initiate specialist contract to support operations and maintenance of GCs | **Critical Success Factors:** | |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **High-level Timeline:**  Complete   |  |  | | --- | --- | | **ACTIVITY** | **COD** | | L1 |  | | L2 |  | |  |  | |  |  | |  |  | | KPI  GC Availability monthly  Routine Mtc /Validation Compliance | Project Sponsor: Tijani Tunde  Project Lead: Dada Olayinka  Project Team:   1. Omogiate Solomon 2. Charles Otah 3. Aresh Arash 4. Gbenga Alabuja | |