**Charter Template**

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| **Project Title:**  Gas Chromatograph Reliability & Availability Improvement   |  | | --- | | **Business Case/Objectives**:  Improve the Reliability & Availability of Gas Chromatography (GC) units at Soku to 95%.  **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 $4 Million per month (Soku responsible for about $1 Million per month of this) due to poor performance GC systems. Plan is to improve and sustain the availability of Gas Chromatography Systems in Soku at similar level as EA (95%) by end 2017.  **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 $12m per annul from improving Gas Sales quality measurement. | **Project Scope/Actions :**   * Procure new GCs Hardware * Carryout change control for installation * Provide New Calibration Gas * Procure & install new Wekker Probes | **Critical Success Factors:** | |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **High-level Timeline:**  Complete   |  |  | | --- | --- | | **ACTIVITY** | **COD** | | L1 |  | | L2 |  | |  |  | |  |  | |  |  | | KPI  95% GC Availability monthly  100% 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 | |