

TENDER No. OGDCL-SCM-FC-CB-PROJ-KH-10005672-2023 Engineering Consultant for Adequacy Check of Existing Complete Gas Processing Circuit at Sinjhoru including Water Bath Heater, Filter Coalescer & Flare System

Pre-Bid Clarifications # 05

S.No	Query	OGDCL Response
1	<p>1) Reference to provided responses (Feb 6, 2023), we understand that adequacy check for all units of Existing Sinjhoru main Plant including LPG Unit, Cond. Stabilization, Separators etc. needs to be performed. Furthermore, dehydration & membrane units being vendor items, their adequacy check are excluded from bidder scope of work. Please confirm.</p> <p>2) Moreover, existing Britism Processing Scheme (Figure A1) shall be evaluated with respect to capacity ONLY. Please confirm our understanding.</p> <p>3) OGDCL shall provide the existing Sinjhoru Gas composition which shall be comingled with incoming Suleman-01 & Suleman-02 etc. gas at the appropriate tie in point (inlet of Hp, MP & LP Separators of existing Sinjhoru main plant). Please confirm.</p>	<p>1. Adequacy is not required for old Sinjhoru LPG plant equipments including dehydration units, LPG unit equipment. As per TOR, only effect on LPG production rate (in M Tons per MMscf) after injection of Suleman wells on commingled raw gas of Bitrisim, Gundanwari and Chabaro at Sinjhoru plant (as per Figure-A1) is required.</p> <p>2. Yes it will be evaluated with respect to capacity as per TOR. Capacity will be calculated by available nameplate data.</p> <p>3. Yes OGDCL will provide.</p>
2	<p>Bidder understand that adequacy check of any other additional equipment (shifted from OGDCL in-house Inventory) shall also be part of this project (if required). However, in case of vendorised equipment's, their adequacy check shall be limited to nameplate capacity. Please confirm our understanding.</p>	<p>Bidder understanding is correct. Adequacy check is required to handle the Suleman wells gas in system.</p>
3	<p>Bidder understand that new heater duty shall be evaluated for water bath heater for extra flow of Suleman wells and adequacy check shall be performed by comparing with nameplate data only. Please confirm our understanding.</p> <p>The Mechanical drawings (Annexure F) do not provide Heater Duty and any other process parameters which are necessary.</p> <p>1- Please confirm Vendor Data Sheet shall be provided after award.</p> <p>2- Comparison of Heat Duty required vs. Available shall be carried out Only please confirm</p>	<p>Calculation of adequacy check of water bath heater to handle Suleman gas is in scope of bidder. Bidder will calculate the heat duty requirement as per in house mechanical drawing (Annex F) upon extra flow addition of Suleman well.</p> <p>Data sheet of heater is not available, Calculation must be w.r.t reference modified drawings (Annex F) available and shared with TOR.</p>
4	<p>Reference to client response against serial # 12 of clarification # CL-10005672-01. To perform adequacy check of existing Flare system, the existing plant data such as, vendor Data Sheets of all PSV's, BDV's, RO's, Flare Stack, Flare K.O Drum & pumps, Flare piping layouts, etc. are available and will be provided by client after award of project in order to develop a flare net model. Please confirm.</p>	<p>Yes data sheets will be provided to check the adequacy and handling capacity of flare system of Sinjhoru plant after addition of Suleman gas.</p>
5	<p>In View of the quantum of work & absence of simulation HYSYS model for LPG Unit, which needs to be developed, please consider the project timeline as 12 weeks, which shall start from date of data received. Please confirm.</p>	<p>Already clarified in clarification no. 1. Only impact/adequacy of LPG plant operation is required at cryogenic conditions after injection higher CO2 well of Suleman.</p> <p>Impact at LPG plant operational parameters after injection of Suleman well (higher CO2 mol %).</p>