

TENDER No. OGDCL-SCM-FC-CB-PROJ-KH-10005672-2023 Engineering Consultant for Adequacy Check of Existing Complete Gas Processing Circuit at Sinjhora including Water Bath Heater, Filter Coalescer & Flare System		
Pre-Bid Clarifications # 01		
S.No	Query	OGDCL Response
1	We understand that Scope is limited to Figure A -1 only. Please confirm.	Yes. However, as per TOR, 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 Sinjhora plant (as per Figure-A1) is also required. Process simulation, regarding adequacy will also be required regarding impact of process conditions at cryogenic LPG plant process parameters after injection of high CO2 content of Suleman wells. This is due to fact that part of gas (Comingled gas) will also be processed at LPG plant.(As mentioned in drawing A1), while remaining commingled gas will be processed at new membrane plant (bitrisim train).
2	We understand that only vetting and validation of OGDCL scheme (Figure A1) shall be carried out in this project. Please Confirm.	Vetting and validation as per TOR.
3	We understand that any type of equipment designing is not part of this project, only evaluation of existing equipment shall be carried out. Please Confirm.	As per TOR, Evaluation/adequacy check is required for existing equipment already in operation and If there be any requirement for additional equipment, then same will be arranged and shifted from OGDCL in house inventory, engineering consultant will also review and check the adequacy of additional equipment (if require)
4	We understand that OGDCL will provide all the required data(design & operating)/datasheets of available equipment like Separator (HP, LP) Metering skid, Flare Stack & etc. Please Confirm	OK.
5	Available Membrane specs shall be used for evaluation with respect to gas capacity and its quality parameters like CO2, of new load with existing design. Please confirm.	OK.
6	We understand that evaluation of any Fire Water system shall not be part of study at Sinjhora Gas Processing Plant(Figure A1). Please Confirm.	OK
7	Refer Annexure A1 of TOR, Well Baloch-1 is shown in diagram, however no further data i.e Well Composition/test results are provided and elaborated. Please clarify.	Only Balouch well line will be utilised as mention in drawing A1. Balouch well is not part of study.
8	We understand that Suleman-01 & Suleman-02 shall be tie-in to existing live Wells (Chabaro # 1, Gudanwari, Bitrisim West 1A, Bitrisim West 2 and baloch-1) which shall be processed in existing Bitrisim Processing Scheme (Figure A1) rather than existing Sinjhora Plant (Dehy+LPG unit). Please Confirm.	As explained in reply no. 1 above, part of commingled gas will be processed at existing Sinjhora plant (Dehy+LPG) as per plant capacity and remaining commingled gas will be processed at existing Bitrisim plant.

9	New Heater Duty shall be evaluated for Water Bath Heater to check the adequacy. The vendor shall be contacted for pressure drop and performance if found inadequate in heat duty, for this purpose Heater vendor datasheet shall be provided by OGDCL. Please confirm.	Evaluation of heat duty for water bath heater will be required for extra flow of Suleman wells. Available modified mechanical drawings already shared with TOR as annexure - F.
10	Site and environmental data required for the study shall be provided by OGDCL. Please confirm.	ok
11	Products specifications including CO2 %, HC Dewpoint, Water Content & etc at Plant outlet battery limit shall be provided by OGDCL. Please confirm.	ok
12	Flare system Hydraulic of piping shall be carried out as per Consultant Scope shown in Figure-A1.	Flare system evaluation will be required for all processing area including New (bitrisim membrane plant and Old plant (Dehy +LPG plant)).
13	We understand that P&IDs shall be developed related to Figure A1 and Tie-Ins after the vetting and Validation report. Please Confirm.	Please see deliverables list in TOR.
14	Since LPG unit is not part of Figure A1, therefore we understand Bullet No 6 of SOW is not applicable, please confirm.	Consultant to follow TOR and reply given to query no. 1 above please.
15	Estimation of Permeate/Residue Pressure, Flow & composition is not part of the scope. Please confirm.	It will be part of membrane optimization study. Consultant will check the adequacy of complete processing circuit as per TOR excluding membrane.
16	Consultant shall communicate the new capacity requirement only in case of existing equipment (membranes, filter coalesce etc.) found limiting and no other evaluation of any in-house equipment shall be part of scope. Please confirm.	As per TOR, Evaluation/adequacy check is required for existing equipment already in operation and If there be any requirement for additional equipment, then same will be arranged and shifted from OGDCL in house inventory, engineering consultant will also review and check the adequacy of additional equipment (if require).
17	Cost Estimation shall be applicable in case of new water bath heater and/or filter coalescer. Please confirm.	As per deliverables list mentioned in TOR, Cost estimate of new equipment and required bulk material is required.
18	Refernce to TOR; kindly elaborate SAFETY SYSTEM requirement under this project.	Please mentioned/referenced page number where safety system requirement is mentioned in TOR.
19	Existing Piping Plan and Isometrics drawings in Native Cad file are available & will be provide after award of contract. Please confirm.	Isometric drawings are available in pdf format only.
20	We understand that condition of equipments will physically inspect at site, further other integrity testing if required will be mentioned in reports.	As per TOR, Mechanical condition / integrity recommendations only (of any equipment, if any) will be required.
21	It is regularly observed that courier service companies have been delaying to dispatch parcels from their Islamabad facility to destination, therefore you are requested to kindly reschedule the bid submission time at 15:30 hrs. instead of 11:00 hrs.	Bid submission date already extended up to 16-02-2023.