

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 # 02

| S.No | Query | OGDCL Response |
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| 1 | OGDCL to confirm that existing PFDs and P&IDs in native format (AutoCad) are available, that may be required to update the proposed / new modification. Please share the PFDs of system to get more clarity of overall scheme. | Drawings only in pdf format is available. |
| 2 | We understand that wellheads piping/pipeline of Suleman-01 and Suleman-02 are already laid (hopefully P&IDs are available) and tie-ins have to be made from flow lines /risers of both wells. Please confirm. | Not in consultant scope. |
| 3 | We understand that evaluation of membranes unit, as this is licensor unit whose adequacy to process additional gas and to achieve required CO2 specs, can only be confirmed by supplier / licensor of unit as per design capacity. Evaluation of this unit is in exclusion of Consultant 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. |
| 4 | It is mentioned in TOR that engineering consultant will evaluate LPG production rate after injection of additional gas in system, Please confirm that complete and updated simulation files of existing system including LPG recovery unit are available and shall be provided to consultant to update the proposed modification. | 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 will be carried out by consultant to check the impact of process conditions at cryogenic LPG plant process parametres 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 per its capacity.(As mentioned in drawing A1), while remainig commignled gas will be processed at new membrane plant (btirisim train). |
| 5 | It is mentioned in TOR that engineering consultant to perform flare sizing adequacy. Please confirm that complete and firm flare model of existing system is available and shall be provided to consultant to update the proposed modification, if required. | No model is available. Only Isometric drawing ,data sheets of flare kockout vessel , flare knockout pumps, piping is available. |

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| 6 | We understand that evaluation of Filter Coalescer, as it is a vendor specific item, adequacy can be performed by its vendor and consultant not responsible for adequacy of vendor propriety items. Please confirm. | Name plates data of filters is available regarding design pressure and temperature. More data regarding filter vessel may be collected from field visit if required regarding adequacy . |
| 7 | We understand that gathering area facility design near Suleman-1 well is out of consultant scope. Please confirm. | Bidder understanding is correct. |
| 8 | We understand that adequacy check of processing plant utilities (like, power, air, water etc.) is not part of current project scope. Please confirm. | Yes, Consultant understanding is correct. |
| 9 | We understand that consultant will give its expert opinion on mechanical integrity of existing equipment, without application of any physical NDT testing, please confirm. | Yes, Consultant understanding is correct. Only recommendation is required after inspection as per TOR. |
| 10 | Piping layouts, isometrics, equipment GA drawings are not part of project scope at adequacy check stage. Please confirm. | Please follow TOR. As per deliverable mentioned in TOR, Consultant will provide Tie-in details, BOQ and isometrics of additional/new equipment (if require any in existing membrane train) for materialization of scheme. |
| 11 | In case of unavailability of data from site, what would be the OGDCL resolution in such scenario. In such scenario OGDCL will provided fixed values of this missing information or Consultant will take assumptions to proceed further and these would be acceptable to OGDCL. | in case of any missing / unavailable data consultant will contact OGDCL for further necessary action. |
| 12 | Timelines given in OGDCL TOR document is 05 weeks for completion of job. We understand that execution time for this task should be minimum 10 to 12 weeks. Please confirm that 10-12 weeks' time for completion of job is acceptable to OGDCL? | Please follow TOR. |
| 13 | We need 02-03 weeks' time extension in bid submission date? Please confirm. | Bid submission date already extended up to 16-02-2023. |