

**OIL & GAS DEVELOPMENT COMPANY LIMITED**

**CLARIFICATION DARU-MANGRIO GAS PROCESSING FACILITY & LPG EXTRACTION PROJECT**

**(TENDER NO. PROC-FC/CB/PROJ/DARU-MANGRIO-5026/2021)**

**PRE-BID CLARIFICATION # 1**

S. No.	CLARIFICATIONS	OGDCL RESPONSE
1.	As you are aware the prevailing situation in the country due to Pandemic Covid-19 and EID Holidays. Therefore it is requested to extend the Bid Submission date at least by two (02) weeks.	Please note that subject Case Press Tendered on <b>14-04-2021</b> with bid opening date of <b>18-05-2021</b> , which was extended for further ten (10) days i.e. <b>28-05-2021</b> on request of different Bidders. OGDCL has already given ample time for Bid Submission hence no further extension in Bid Submission date is possible.
Following information has been provided by OGDCL Site Team, during the pre-bid visit on May 06, 2021. As per the information provided by the Site Team:		
2.	There 2 Nos of Diesel Genset (900 Kw each) and 2 Nos. of Gas Genset (575 Kw Each). All 4 Nos. of Gensets will be relocated to Daru. Please confirm.	YES
3.	All MCC panels placed in Electrical Room will be relocated to Daru. Please confirm.	YES
4.	2 Nos. of UPS are available, for Control system, both of them will be relocated to Daru. Please confirm.	YES
5.	New Control Room / Electrical Room will be required in Daru Facility. Please confirm.	YES
6.	All power cables will be newly procured as per Daru facility requirements. Please confirm.	YES

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7.	Skid lighting will be relocated to Daru whereas, plant lighting will remain at Kunnar. New plant lighting will be required at Daru field. Please confirm.	YES
8.	All motors of Kunnar facility are operated from field (LCS), no PLC interface is currently available for motor controls (i.e on/off command, on/off status and tripping of motor). Same philosophy will be followed at Daru facility. Please confirm.	YES
9.	<p>Following documents are to be provided by OGDCL after the award of project. Please confirm.</p> <ul style="list-style-type: none"> <li>▪ Load list</li> <li>▪ Overall SLDs</li> <li>▪ UPS rating</li> <li>▪ Power Cable Schedule</li> </ul>	YES
Following information has been provided by OGDCL Site Team, during the pre-bid visit on May 06, 2021. As per the information provided by the Site Team :		
10.	PLC is Allen Bradley SLC-500, IO details will be provided by OGDCL. This SLC-500 PLC will be relocated to Daru Facility. Please confirm.	YES

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11.	All instrument set points of Kunnar facility will be provided by OGDCL team. Please confirm	YES
12.	Dedicated field mounted control panels are available for following skids, all these panels will be relocated to Daru facility. Please confirm. <ul style="list-style-type: none"> <li>▪ Refrigeration Unit</li> <li>▪ Hot Oil Unit</li> <li>▪ LPG Odorizer Skid</li> </ul>	YES
13.	For rest of the equipments i.e Condensate stabilizer unit, De-butanizer, De-ethanizer existing PLC SLC -500 will be utilized. Please confirm.	YES
14.	All instrument cables for skid mounted instruments will be relocated to Daru facility along with Skid mounted JB's, for any off-skid instrument new cable will be required. Please confirm.	YES
15.	Only 2 Nos. of Gas detectors are installed for 2 Nos. of operating LPG bullets. Actual requirement of F&G detectors will be decided during design phase. Please confirm.	YES
16.	No electronic instrument or control system is available at Daru gas processing facility, therefore, no instrumentation of Daru facility needs to be integrated with relocated PLCs. Please confirm.	Yes ( The Daru facility comprised on Dehydration unit and separator battery and not required any integration with LPG Unit ) except common flare header to the common flare stack.

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17.	<p>Following documents are to be provided by OGDCL after the award of project. Please confirm.</p> <ul style="list-style-type: none"> <li>▪ Instrument List / IO list</li> <li>▪ Alarm and Set point list</li> <li>▪ Instrument Cable Schedule skid wise</li> <li>▪ JB Termination Drawings</li> <li>▪ PLC Wiring drawings</li> <li>▪ Spares availability in Plant's PLC</li> <li>▪ Spares availability in F&amp;G system</li> <li>▪ Existing Instrument Datasheets</li> <li>▪ Wiring drawings of Unit Control Panel / Local Control Panels</li> </ul>	YES
Following information was provided by OGDCL Site Team which needs formal confirmation:		
18.	<p>Following equipments/package units shall be relocated from Kunnar Plant to Daru Mangrio Processing Facility. Please confirm.</p> <ul style="list-style-type: none"> <li>▪ LPG processing unit with stabilizer column (V-123) and refrigeration package</li> <li>▪ Hot oil system</li> <li>▪ LPG storage (6 bullets with day tank) and loading system</li> <li>▪ LPG odorizing skid</li> </ul>	YES

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	<ul style="list-style-type: none"> <li>▪ Methanol injection system</li> </ul>	
19.	No surplus condensate storage capacity at Daru Mangrio Processing facility is available for additional condensate / NGL produced during LPG processing. Please confirm.	YES
20.	Dedicated production separator for each well is available at Daru, so no new separator is required. Please confirm.	YES
21.	Existing PD type front end compressor at Daru Processing facility can handle upto 20 MMSCFD of gas, so compressor relocation from Kunnar is not required. Please confirm.	Yes, but recycle compressor will be shifted form Kunnar
22.	As per our understanding weighbridge is required for LPG Loading at Daru facility. Please confirm.	YES
23.	Please confirm that vendor datasheets/specifications of all equipments and packages that shall be relocated from Kunnar plant are available for adequacy check.	Adequacy check is not required
24.	Please confirm that existing cause and effect matrix of LPG unit is available.	Yes, in hard copy
25.	Please confirm that vendor datasheets/specifications of utilities and offsites (like fuel gas system, instrument air system) at Daru Processing facility is available.	No
Following information was provided by OGDCL Site Team which needs formal confirmation:		

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26.	The existing offices at Daru facility are to be demolished. Please confirm.	Yes, as per the requirement of the plot plan of relocated of Kunnar LPG plant if required.
27.	Standard size of building including workshops, laboratory, stores / warehouse is to be provided for Daru Facility. Please confirm.	YES
28.	There shall be no scope of work related to Flow line and Wellhead. Please confirm.	YES
29.	Storm water system will only be designed for the area where Kunnar plant is to be relocated (at Daru facility), and same will be connected to the facility's existing disposal point. Please confirm.	YES
30.	Reference Clause 5.6.3.2.1 of Appendix-A, Normally Bar bending schedule is prepared by contractor, However, its verification will be under Consultant's representative during execution phase (if deputed). Please confirm.	OK
31.	Reference Clause 5.1 of Appendix-A, Since GA / Vendor drawing of any equipment not found in provided tender document, therefore, please confirm if GA / Vendor drawings of LPG associated equipment including loading data, anchor bolt details, etc. are available or not.  If GA / Vendor drawings of LPG associated equipment are available, so please share the list of available drawings.	Partial Drawings are available , Bidder to develop missing Drawings.

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	<p>Please confirm if Civil and Structural Drawings of LPG associated equipment foundations drawings are available or not.</p> <p>If Civil and Structural Drawings of LPG associated equipment foundations drawings are available, so please share the list of available drawings.</p>	
32.	<p>We witnessed during site visit of Kunnar facility that physical health of plant piping and insulation / cladding material of equipments is not satisfactory as most of pipes and fittings are corroded. We understand that for relocation of equipment's from Kunnar plant to Daru facility, new pipes, valves and fittings will be procured. Please confirm.</p>	<p>Yes, where necessary and bidder will have to develop the BOQs of these fittings.</p>
33.	<p>OGDCL site team informed that existing condensate storage at Daru is to be demolished and new vertical storage tanks (as per API 650) are to be developed. Please confirm.</p>	<p>New condensate storage tanks are not Required</p>