

**CLARIFICATION NO. 08**  
**TENDER NO. PROC-FC/CB/PROD/KNR-4334/2019**  
**DESALTER PLANTS FOR KUNNAR**

**Tenderer's Question**

1. The RFQ has specified the Oil API between 44 to 51, this translates to very light oil in line with condensate.
2. Is the Oil API for different cases a reflection of different samples taken as I would presume the temperatures specified for the different cases would not have that big an impact on Oil API. Is the 3 case data (Min/Normal/Max) confirmed?
3. This is stated to be a FIRM bid, with Oil Treating (Dehydration & Desalting) being the primary process. However, there is no Oil Characterization data provided for any of the 3 scenarios (Min / Normal / Max). We need distillation data to characterize the oil along with any other phases like Gas and Water along with their properties to characterize the oil to generate properties. Lack of these leading to assumptions broadly on API of the Oil could lead to gross errors, hence please provide Oil data.
4. As this is low API Oil heating would only lead to more shrinkage of the Oil causing loss of more valuable oil, we would want to minimize shrinkage. This adds to the need for reliable Oil data along with other phases to optimize the heat duty to prevent oil shrinkage. Lack of this data could lead to errors in an optimal heating regime for desalter operation.

**OGDCL response**

In response to the Bidder queries, Please find below sheet for the testing results of distillation, as requested by bidder



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## TEST REPORT

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Customer's Name	M/s.O G D C LTD	Test Report No.	329/2017-2018
Customer's Ref	Letter	Reporting Date	21-08-2017
Date	13-08-2017	Sample Code	901
Sample Description	Crude Oil HP Separator Kunnar LPG Plant.	Receiving Date	15-08-2017

Date:13-08-2017 Time:13:08-hrs Temp:136°F Pressure:480-psi-HP Separator

TEST METHOD	TEST PARAMETERS	TEST RESULTS
D-86	<b>Distillation</b> I.B.P. °C 05/10 % Recovery °C 20/30 % Recovery °C 40/50 % Recovery °C 60/70 % Recovery °C 80 % Recovery °C Recovery @ 359 °C, Vol %	56 87/103 120/142 163/195 237/283 342 83

 Prepared By	 Section In charge (HC)	 Head R&ASD
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The analysis based on Sample (s) provided to us by the Client. The interpretation or opinions expressed represent the best judgment (I.A.O.E.). We have no responsibility and warranty or representation in connection with which such report is used.

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