

CLARIFICATION#4 AGAINST TENDER # PROC-SERVICES/CB/EXPL-4722/2020 INTEGRATED SEQUENCE STRATIGRAPHIC STUDY OF LOWER GORU AND SEMBAR FORMATIONS IN SINJHORO EL AND ALLIED D&PLS FOR THE DELINEATION OF STRATIGRAPHIC/COMBINATION LEADS & PROSPECTS

Following Clarification has been made in the subject tender.

S. No.	Clarifications	OGDCL Reply
1	Number of samples to be analyzed? And what is the expected sampling resolution?	Approximately 200 samples will be enough to achieve the objectives of the study. The earlier communicated number is typo error and may be ignored.
Seismic:		
1	What is the quality of the seismic?	The quality of PSTM is good while the quality of 2D migrated data is fair to good
2	May we see a dip and strike line example of the 3D data?	The dip & strike line of 3D data set is attached
3	May we see a dip and strike line example of the 2D data?	The dip & strike line of 2D data set is attached
Well Logs:		
1	Are the well logs wireline or LWD or a mixture of both?	Wireline only
2	Are the original contractor's logs available?	Yes
Sedimentological:		
1	Are the conventional cores and cuttings samples stored in Islamabad or elsewhere?	In Islamabad
2	Assuming international travel restrictions are still in place, due to Covid-19, what contingency plans have been made for core analysis and core description as per Section 5.3 and core and cuttings sampling as per Section 5.6?	Probably the situation will be normalized till the award of the contract/start of the phase-I
3	What is the condition of the cores? Of the 17 cored wells how many cores have been slabbed and polished?	Most of the cores are in good condition and 5 to 6 cores have been slabbed
4	Can the entire cores be shipped to the contractor's office if international travel is not possible due to Covid-19?	No, the successful bidder will be facilitated to study the cores at OGDCL's lab

5	If any cores have <u>not been</u> slabbed and polished, is slabbing and polishing part of the study?	In lab we have only slabbing facility but not the polishing one.
6	Are there facilities available in Pakistan for slabbing and polishing cores?	As mentioned that slabbing facility is available with us but not sure about polishing facility in Pakistan.
7	If any wells have been slabbed and polished, how many have high resolution photographic images?	We have simple photographic images of few cores taken by camera in plane light of few cores
8	If any photographic images of core available are they white light or UV?	Its only plane/sun light.
9	If no photographic images available is core photography part of the study?	yes, photography is part of core study, as it's the authentic data about core.
10	How many of the cores have been previously described in detail by a sedimentologist and if so are the sedimentological reports and sedimentological logs available to the study (section 5.5.8–5.5.10)?	Four (4) detailed Sedimentological reports and Sedimentological logs and few short notes of other 3-4 cores with detailed Sedimentological logs are available.
11	What scale of core description is required? Is 1:50 scale sufficiently detailed? (Section 5.3)	1:20 would be sufficient scale as we have already made logs according to this scale.
	Biostratigraphic:	
1	The Scope and Objectives of the Study (Section 3) states the interval of study is the Lower Goru and Sembar, but is that the entire Lower Goru or just the section from immediately above the Basal Sand to well TD?	Although the main focus of the study is stratigraphic sequence from the Basal to well TD. However some analysis are need to be done in order to mark the stratigraphic sequences from the top of Lower Goru also.
2	What is the general cutting sample interval over the Lower Goru/Sembar?	02 meters
3	Are the cuttings samples water-based or oil-based/synthetic-based drilling muds?	Synthetic-based drilling mud
4	How many of the wells have been biostratigraphically analysed?	Not available
5	Is biostrat required on all 26 wells?	As per scope of the study