

CLARIFICATION#1 AGAINST TENDER # PROC-SERVICES/CB/EXPL-5351/2022 A
GEOCHEMICAL EVALUATION OF THE PETROLEUM SYSTEM OF THE KOHAT-POTWAR FOLD BELTS
(UPPER INDUS BASIN)

Following Clarifications have been made in the subject tender.

Sr#	Questions for Clarification	OGDCL Reply
1	<p>Page 4 of the TOR document OGDCL quotes: “Hydrocarbon generation potential, volume of generated and expelled hydrocarbons will also need to be assessed/modeled”. From our experience, we know that volumetrics cannot be properly assessed from 2D Petroleum System Modeling. Could OGDCL kindly clarify their expectation?</p>	<p>Objectives of 1D and 2D modelling are to model the maturity histories and to establish the relationship among source kitchens and accumulations. Hydrocarbon generation potential will be calculated by considering the net source thickness, area, organic matter richness and its oil/gas potential etc. etc. Assessment of generated and expelled hydrocarbons will be based on the maturity level and transformation of organic matter into hydrocarbons.</p>
2	<p>Page 5 of the TOR document it is indicated that “supporting/other data” include “Geoseismic transects representing the structural geometry of the area”.</p> <ul style="list-style-type: none"> ○ Could OGDCL kindly provide a base map showing the actual position of these transects? ○ Are the transects based on depth-converted seismic horizons? ○ How many horizons are provided per transects and what is their stratigraphic position? 	<p>I. Location/position of transects will be finalized during Phase III of the study based on source facies, locations of kitchens etc.</p> <p>II. Yes, transects will be based on depth converted seismic horizons</p> <p>III. Number of horizons will depend on the location of transects, and will vary laterally up dip due to non-deposition and or erosion. However, sedimentary fill of the area range from Plio-Pliocene to Infracambrian in age.</p>
	<p>Could OGDCL clarify the location/surface area of the Area of Interest within the Kohat-Potwar Fold-belts? Does it include the Bannu Depression or the Northern Potwar Deformed Zone?</p>	<p>Location/surface area of the Area of Interest is well defined in the introductory section of Annexure-A along with location figure. Yes, these are the parts of study area.</p>