

CLARIFICATION#3 AGAINST TENDER # PROC-SERVICES/CB/EXPL-4641/2020 HIRING OF SERVICES FOR INTEGRATED STRUCTURAL GEOLOGICAL (2D&3D) MODELING, GEOMECHANICAL MODELING AND BASIN & PETROLEUM SYSTEM MODELING STUDY OF NASHPA

Following Clarification has been made in the subject tender.

S. No.	Clarifications	OGDCL Reply
1	In order to determine a number of cross sections, it is imperative to know the locations of 2D lines and 3D volumes. OGDCL is requested to share the base map having all 2D , 3D and wells in the area.	BASEMAP (ATTACHED BELOW) SHOWS 3D SEISMIC ALONG WITH 2D LINES WHERE NO OR PARTIAL 3D SEISMIC DATA IS AVAILABLE. OTHER AVAILABLE 2D SEISMIC LINES ARE NOT SHOWN DUE TO MAP SPACE AND MAY BE AVAILABLE ON REQUIREMENT.
2	Please clarify, how many tops, OGDCL would like to restore. This is critical in defining the restoration steps and time estimates.	QC TEAM WILL DECIDE HOW MANY TRANSECTS TO BE RESTORED AS PER REQUIREMENT.
3	All cross section balancing and restorations are done in 2D, which is the appropriate workflow especially in complex terrains. The sections can be shown in 3D to give a sense of spatial distribution but we don't model per se in 3D. This is almost impossible to do in such areas.	SCOPE OF WORK IS MENTIONED IN TENDER DOCUMENTS.
4	Will OGDCL require single 3D simulation model for whole area in Nashpa Block or field wise models are required?	DELIVERABLES ARE MENTIONED IN SECTION-4.1, 4.2 & 4.3.
5	Per clause 4.1.1 of SOW, please confirm if OGDCL have acoustic impedance, VP/VS, Poisson's Ratio and density cubes in SEG-Y format and same will be provided to the contractor?	OGDCL WILL PROVIDE 2D/ 3D SEISMIC AND VELOCITY CUBES IN SEG-Y. ALL OTHER CALCULATIONS/ DERIVATIONS WILL BE DONE BY CONTRACTOR
6	According to clause 5.1 OGDCL has mentioned that the project will be validated/examined and subsequently the bidder's/vendors performance will be determined whether it functions in accordance with the technical objectives sets in term of references (TOR) after the completion of the project. We would like OGDCL to validate / examine the project on bi-weekly basis. Main milestones can be defined, reviewed and signed off jointly to ensure the smooth running of the project.	CONTRACTOR WILL PROVIDE THE PROGRESS REPORT FORTNIGHTLY. HOWEVER, QC TEAM MAY VISIT AS AND WHEN REQUIRED.
7	Per the clause 3.1.39 , Details of the cause of the compaction and subsidence is required. It is presumed this is in production time-frame and	This point refers to analyze the subsidence/ compaction history and its effect on

	hence a depletion/injection induced pore pressure changes in the reservoir are required from a reservoir simulator. Pls clarify?	geomechanical properties evolution.
8	Per the clause 3.1.45, It is not understood what is required for this task – a range of simulations to cover uncertainties? If additional simulations are required (with associated results processing) the number of simulations need to be defined for costing purposes?	NEED TO RUN NO. OF SIMULATIONS REQUIRED TO OBTAIN OPTIMIZED MODELS (AFTER CALIBRATION)
9	The proposed payment schedule of releasing 100% of the payments after project delivery needs to be re-visited. We would suggest to define the different millstone of the project and payments be made upon signing off the milestones.	PAYMENT MAY BE DONE AS PER CRITERIA MENTIONED IN TOR'S.
10	Keeping in view the complexities of the project, it's strongly requested to have a pre-bid meeting with the potentials bidders to clarify the dynamics of the projects.	SCOPE OF WORK IS CLEARLY MENTIONED IN THE TENDER DOCUMENTS. IF THERE ANY QUERIES, IT WILL BE ADDRESSED.
11	Tender ask to make 3 visits, each of the visits lasts for 2 weeks. Due to current virus scenario, if visits can't be made, would OGDCL accept online meetings?	QC visits are planned for effective monitoring of the subject study keeping in view the importance of the project. However, every decision may be taken as per prevailing conditions and OGDCL management approval.
12	Data availability: How many wells have been drilled? How many 2-D seismic lines and km ² 3-D seismic? What about the data for logs, production, core tests, drilling/completion, mud logging, etc. Pls . share these information so that we can quantity of man-hours.	Data availability list is already part of tender document.
13	Please confirm that OGDCL will provide exclusively copies of data, to the exclusion of any original data. Therefore, contractor's liability for loss of all or part of Customer data will be limited to the cost of reloading the latest available copy of Customer data from Customer's back up copy.	OGDCL will provide the copied data
14	Our understanding is that the invoicing and payment schedule shall be in line with table provided in 13.2.2, i.e invoicing and payment by phase. Could you please confirm?	All payments will made as per 12.1 and 12.2 of tender documents.