

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan, Pin – 786602
Dist-Dibrugarh, Assam

Corrigendum No. 1 Dated 15.09.2026 to IFB no. CDH2624P27 for “Design, Development and Implementation of a solution for G&G Analytics using GenAI for Oil India Limited (OIL)”.

This Corrigendum to the tender has been issued to upload OIL’s Initial Responses to Pre-Bid queries furnished vide **Annexure-A** enclosed.

All others terms and conditions of the Bid Document remain unchanged. Details can be viewed at www.oil-india.com

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
1	GPU Server - Point # 1 - Processors	2x Intel® Xeon® 6770P processors with 64 Cores including 8 Priority cores per CPU/Processor	We presume that the CPU SKU mentioned is a typo and should be Intel Xeon 6776P (64c @ 2.3GHz). Kindly change it to Intel Xeon 6776P Processors.	-	Accepted, tender to revise, please refer Corrigendum
2	GPU Server - Point # 3 - GPU & Point # 6 - Network	Two Ports 200G DPU ports' vs Point # 6 mentions '2 x Nvidia BlueFiPoint # 3 mentions 'Two Ports 200G DPU ports' vs Point # 6 mentions '2 x Nvidia BlueField 3 Adapters with dual ports of 200GbE each'eld 3 Adapters with dual ports of 200GbE each.	Kindly confirm if one or two DPUs are needed per GPU node.	-	Revisions to be made.

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3	GPU Server - Point # 11.7 - Security	Intrusion alert in case chassis being opened.	Kindly remove this clause, since the proposed B300 GPU Servers do not have have this management feature.	-	The Request to remove the chasis Intrusion alert Requirement for Point # 11.7 is accepted Since the proposed B300 GPU Servers lack this specific physical management feature, the clause stands waived as it does not affect core server performance or operations.

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4	GPU Server - Point # 13 - Warranty	Server comprehensive support starts from the date of commissioning of data center till the end of Hypercare period, which will not extend beyond 18 months. This will be followed by a comprehensive AMC for 60 months 24x7 comprehensive onsite support from OEM with maximum 24 hours response, access to OEM support portal, OEM technical support on 24X7X365 basis. Highest Level of Proactive and Reactive support covering Half yearly Firmware analysis and Proactive Health analysis. The warranty period shall commence from the date of commissioning and acceptance by OIL and shall be coterminous with the contract end date.	Kindly change it to a max of 5 years support, since Nvidia does not provide support beyond 5 years.	-	Tender conditions shall prevail.

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5	E. Enterprise Storage -1 Nos Controllers	Minimum 2 controllers in configuration with automatic failover capabilities and no single point of failure for redundancy.	Minimum 3 controllers in configuration with automatic failover capabilities and no single point of failure for redundancy. Controllers should be stateless controller for faster failover and higher uptime. The offered high-performance storage platform should be scalable to at least 16 x front-end controllers or higher.	Reason for Change: Dual Controller for General purpose storage is ok but Since Storage is primarily going to be use for AI services hence it is important that Controllers for Storage shall be sized accordingly.	Bidder to be guided by existing tender terms and conditions.

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6	E. Enterprise Storage -1 Nos Onboard Memory (Cache)	The offered storage solution to be configured with minimum 128 Gb Cache	The offered each storage controller to be configured with minimum 512GB Memory/Cache and 64 Cores per controller. Must have redundant secure SED boot drives per controller.	Reason for Change: Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly. Most of the caching operations for the AI operations in Oil India environment would happen at GPU level however due to higher ingestion ratio or more concurrent users and while keeping no degradation of performance – Caching engine of GPUs cards needs to be expanded which can happen only – if Storage cache is more so that part of storage cache can be used as “Extended cache of GPUs”. Accordingly, due to higher cache – core shall be sized accordingly.	Tender revisions shall be made
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7	E. Enterprise Storage -1 Nos Storage Capacity	The ratio of NVMe SSD to SAS/NL SAS/SATA drives should be 50:50 (i.e, 200 TB NVMe SSD Performance tier and 200 TB SAS/ NL SAS/SATA Tier)	Storage system must be All NVMe based Storage. Each drive should be accessible to every controller.	Reason for Change - Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly. Since all checkpointing and versioning operations are going to heavy performance oriented hence it is important that entire capacity shall be provisioned directly on the NVMe storage only, having SATA / NL-SAS might impact the overall inferencing output.	Bidder to be guided by existing tender terms and conditions.

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8	E. Enterprise Storage -1 Nos Disk Type	NVMe oF NL SAS/SATA oF	All configured TLC NVMe SSD drives should be visible to all front-end controllers and failure of any front-end controller should not reduce the overall usable capacity of the configured storage.	Reason for Change - Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly. Since all checkpointing and versioning operations are going to heavy performance oriented hence it is important that entire capacity shall be provisioned directly on the NVMe storage only, having SATA / NL-SAS might impact the overall inferencing output.	Bidder to be guided by existing tender terms and conditions.

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
9	E. Enterprise Storage -1 Nos Protocols	Native support for CIFS, NFS on same controller.	Native support for NFS and S3 on same controller.	Reason for Change - Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly and all mentioned models depicted in the RFP are going to use either S3 or NFS protocol only. AI storage primarily designed to use S3 and NFS protocols.	Accepted, tender to revise, please refer corrigendum
10	E. Enterprise Storage -1 Nos Front end Ports	Configured with 2 nos. of IB Connectivity Port per controller (All ports must be supplied with matching	Configured with 2 nos. of 100GbE/IB Connectivity Port per controller (All ports must be supplied with matching Transceivers/connectors.	Reason for Change - The communication between GPU Servers requires IB ports but communication with storage would be with 200GbE (2x 100GbE Ports). hence servers are also asked with IB ports and 200/100Gbe Ethernet Ports for both. Hence request to change.	Accepted, tender to revise, please refer corrigendum

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
11	E. Enterprise Storage -1 Nos File Sharing & Data Security	Should allow simultaneous access to the same file/data using different protocols like NFS, CIFS etc. for data sharing between multiple hosts.	Should allow simultaneous access to the file/data using protocols like NFS and S3. for data sharing between multiple hosts.	Reason for Change - Since Storage is primarily going to be use for AI services and all mentioned Models depicted in the RFP are going to use either S3 or NFS protocol only. AI storage primarily designed to use S3 and NFS protocols.	Accepted, tender to revise, please refer corrigendum
12	E. Enterprise Storage -1 Nos File Sharing & Data Security	File Locking must be provided for Data protection from corruption while sharing files between multiple hosts.	File/Object Locking must be provided for Data protection from corruption while sharing files between multiple hosts.	-	Accepted, tender to revise, please refer corrigendum
13	E. Enterprise Storage -1 Nos Management Interface software	The solution should support the management, administration and configuration of the complete storage platform through a single GUI based management interface along with CLI.	The solution should support the management, administration and configuration of the complete storage platform through a Web based /GUI based management interface along with CLI.	-	Accepted, tender to revise, please refer corrigendum
14	E. Enterprise Storage -1 Nos Special clauses	The storage should be provided with deduplication or equivalent features.	The storage should be provided with deduplication or compression features.	-	Accepted, tender to revise, please refer corrigendum

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15	4.5 – GenAI-Powered G&G Domain Agents	The RFP provides examples of expected GenAI agents and states that the list is “not limited to” the listed agents.	Please confirm the minimum set/number of G&G domain agents to be delivered under Clause 4.5. Specifically, are the listed agent use cases to be considered the mandatory minimum scope, and would any additional agents identified during requirement finalization be handled through mutually agreed scope/change control?	-	Minimum 4 per domain i.e 20 Agents. List to be provided from OIL. The four agents specified under Phase-3 constitute the minimum identified agent deliverables for Phase-3 acceptance. The agents listed under Clause 4.5 are illustrative examples of the required agentic capabilities and are not separately quantified as additional deliverables. The final agent configurations shall cover the tendered functional scope and be finalised during requirements finalisation.

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16	4.5 – Autonomous / Semi-autonomous Agent Execution	Agents are expected to perform data evaluation, model execution, result synthesis and iterative refinement.	For the requirement relating to autonomous/semi-autonomous “model execution”, please clarify whether the agents are expected to orchestrate AI/ML models and analytical services implemented within the proposed solution, or whether they are also expected to programmatically invoke existing proprietary G&G applications/workflows. If integration with existing G&G applications is envisaged, please clarify whether the necessary APIs/SDKs and integration access will be made available by OIL.	-	1.The agents shall orchestrate AI/ML models within the proposed solution and 2.they are also expected to programmatically invoke existing proprietary G&G applications/workflows 3.All the connectors/SDK license cost is bidder's scope. OIL shall provide the access for the following existing softwares: (i) Petrel G&G (ii) Petrel RE (iii) Eclipse, (iv) Techlog (v) Omega (vi) ProSource (vii) ArcGIS Pro (viii) GRPC (inhouse software)

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17	4.4 – RAG Conversational Interface / Acceptance	Generated responses are required to be data-grounded, accurate and fully traceable to originating sources.	Please clarify the acceptance methodology for the deployed RAG solution, particularly the basis for evaluating factual accuracy, hallucination and source attribution during UAT. Please also confirm whether the >95% factual accuracy and <5% hallucination targets referenced elsewhere in the tender are intended to apply as acceptance thresholds for the implemented solution.	BEC Clause 3.6(xii) requires two case studies/benchmark reports showing hallucination below 5%, factual accuracy above 95%, and correct source attribution. SoW Clause 11.2 describes output targets and functional validation.	Methodology would be discussed during implementation, yes the factual accuracy and hallucination targets are intended to apply as acceptance thresholds for the implementation solution
18	C. Rack server – Qty 05	8.Network connectivity - 2 X 200 Gigabit Ethernet Adapters	Please clarify whether 2 ethernet adapter cards are required or 2 ports in a in a single ethernet adapter card is required.		Two separate 200 Gigabit Ethernet adapter cards are required. Each adapter shall support 200 GbE connectivity.

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
19	13.2	Scope : Integrated G&G Analytics using GenAI Solution center for 80 KW IT load with a total 2 racks of 800mm width and 1200mm depth should consist of Rack, Rack PDU, UPS, Precision cooling unit, Fire detection and Fire Suppression system, environmental monitoring and DCIM software etc	Please share following: 1.The Server Room Layout in Auto CAD to design the Solution. 2. The Floor to Floor Height 3. The Layout for UPS and Electrical Room and the Height of the Room.		Clarified during Pre-bid, other details to be provided during implementation
20	13.2	Air-conditioning system is to have 100 % reliability on 24 x 7 basis with adequate standby for system redundancy. (Failure of any single unit; still to meet the total cooling requirement). The ambient temperature considered for the calculation of total tonnage requirement should be as per ASHRAE N-20	We need to know the location of the Outdoor Units to be planned and the distance and route from the Server Room.		Locations, distances and routing for outdoor units may be finalised during the mandatory site survey and detailed design stage.
21	13.3 / 1.1	Modules rated 40–50 kW each @40Deg C, DSP-controlled IGBT rectifier & inverter, Level 3 or better. Each Cabinet With inbuilt 100% static & maintenance bypass	Many OEM's are not having 40-50kW modules rating. Kindly modify the same as 40 to 70 kW		No change as the clause specifying cross-compatible ecosystem certification is crucial for ensuring seamless system

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					integration, centralized monitoring, and unified service support. The original technical criteria stand.
22		Input short circuit (Isc) protection 65KA	The input for the 150kVA UPS may not exceed the kA rating 16kA. Kindly modify the same		No change The 65kA short circuit rating is a mandatory safety threshold determined by the electrical fault level calculations of the facility. Lowering this metric is not permissible.
23		Noise ≤70 dBA @1m	Generally the UPS will be designed for ≤65 dBA only		Discussed during pre-bid
24	13.3 / 1.2	Battery & Backup	Please specify whether the Li-Ion battery to be calculated on End of Life or Beginning of Life		It is clarified that the lithium-ion battery calculation and backup capacity sizing must be engineered based on Beginning of Life performance metrics

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25	2 / 2.1	LT Panels : All Distribution panels shall be totally type tested, designed and manufactured by system integrators of OEM. All type tested certificate shall be made available as per latest edition of IS/IEC 61439 –1&2.	Kindly note the panels having 630A or lesser will not fall under IEC 61439 Type tested panels restriction. The same will be Partailly type tested assembly (PTTA) only.		Panels might be partially or fully tested
26		Panels for outdoor equipment shall be suitable for outdoor duty application. In case of OEM supplied Type tested Distribution the distribution panels shall be totally Type tested TTA) as per the standards IS/IEC61439-1&2.	Please note, Outdoor type LT Panels shall not be covered under IEC 61439 Type tested assembly. The same will be partially type tested assembly (PTTA) only		Panels might be partially or fully tested
27	13.3/ 5.1	Solution should be prepared in 2 POD design and each Row of each POD should have Redundant system N+1 Configuration (Minimum Cooling units required 5 nos to get efficient cooling).	The Heading calls for 30KW* 4) N+1 redundancy, however here it is mentioned as " (Minimum Cooling units required 5 nos to get efficient cooling). This is contradictory, please clarify .		Total Cooling units required 4nos (30KW*4), Cooling redundancy N+N at entire pod
28	13.3/ 6.1	2 X 2TR wall mounted redundant cooling units with 7KW or higher o	The Heading calls for PAC Unit for UPS and Battery Room but specifcation calls for 2 x 2 TR wall mounted units. This is contrdrictory please clarify. Also we feel the cooling required for 3 Nos. of UPS and associated Battery will required more than 2 TR cooling . Please clarify .		No change The specified capacity of 2 x 2TR wall-mounted redundant units is deemed technically sufficient for the designated UPS and battery room area based on internal heat load

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					calculations. The clause stands. However bidder might provide sufficient cooling system for the battery/UPS room as per heat load calculation
29	13.4	Room-level Gas Suppression : IG-541/FM200, hall + UPS + battery	FM 200 Gas is getting phased out due to its high GWP (Global Warning Potential) IG 541 is high pressure system not suitable for such small rooms. So we suggest to consider FK-5-1-12 Based Clean Agent Gas Suppression System.		Bidder is free to propose equivalent alternatives
30	13.5	THE SCHEMATIC LAYOUT FOR THE SPECIFIED SPACE IS GIVEN BELOW	Please share the Auto CAD Layout of these drawings shown and also need the following: 1.The Floor to Floor Height. 2. location of the IN ROW, Outdoor Units and the distance and route from the Server Room. 3.location of the UPS Room PAC , Outdoor Units and the distance and route from the Server Room.		The layouts and site dimensions will be shared in tender scope documents. Bidders are advised to visit the Site to design their solution

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31	15.0 / a	A single power feeder point capable of delivering 90 kW continuous power, located within 150m of the server room (exact distance to be confirmed during site survey).	Please note, the IT load is 80kW + Cooling machines load (12kW x 3nos) + Misc. load 10kW total will be 160kW (aprox). Request you to provide the breaker suitable to cater the load of 160kW.		Bidder has to supply 2x80KW ups with min (40KW+40KW module in each UPS). 2. OIL will provide power from single 250A feeder from their panel. 3. DG power will be available on the above feeder 250A.
32	General		Please let us know the approximate distance of the Earthpit locations		Approximate earth-pit locations and distances may be confirmed during site survey.
33	General		Please share the make list of the UPS, Racks, Cooling Units Cables etc		The bidder may propose makes meeting the tender specifications and applicable OEM/quality requirements; final makes shall be subject to OIL approval.

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34	GPU Server#7	2x FHHL (DPUs) or 2x HHHL (NICs);	Does not required 10 PCI slots, Design for B3240 DPU or HHHL NIC more than sufficient for NS traffic . (8 x embedded CX8 ports + 2 x additional PCIe slots). Please remove.		Tender to revise. Refer corrigendum
35	3.3 Documentary Evidence for Experience	In support of the experience criteria under Clause No. 3.1 and 3.2 above, the bidder shall furnish the following documentary evidence: a) Contract document/Work Order/Service Order showing detailed scope of work; AND b) Job Completion Certificate (JCC) OR Service Entry Sheet (SES) OR Certificate of Payment (COP) OR any other document(s) issued by the Client indicating the following: (i) Work Order No./Contract No.(ii) Nature/Number/Description of jobs done (iii) Contract period and date of completion (iv) Client name, delivery period, acceptance status	OIL is requested to accept a Contract document/Work Order/Service Order containing the project title and a brief description of the Scope of Work, along with supporting documents such as the Job Completion Certificate and Client's certified Job Report, which clearly establish the detailed scope and successful completion of the work. This is requested as the detailed Scope of Work is not always included in the Contract document/Work Order/Service Order and may be provided separately through other contractual documents.		Clarified. Bidders are required to submit document as mentioned in BEC clause 3.3 and verified by TPI Agency

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36	3.3.1(v) Notes to Clause No. 3.3	3.3.1 Notes to Clause No. 3.3 above:(v) Work executed through 'sub-contracting' shall not be considered for evaluation. (except for Data Centre Infrastructure supply and installation, which may be executed via a nominated subcontractor as detailed in Clause 3.2).	OIL is requested to consider similar work experience executed by the bidder through a subcontracting arrangement, where the bidder has directly executed the relevant scope of work, subject to submission of proper documentary evidence such as the Work Order and Job Completion Certificate (JCC) mentioning the end-client and scope of work.		Not Acceptable.
37	3.1 & 3.2 - Experience Criteria - Single Contract	Clauses 3.1 and 3.2 require the prescribed Similar Work/Data Centre experience to have been completed/executed under a single contract.	Request for experience across multiple contracts		Both experiences under Clause 3.1 and 3.2 are not required to be under a single contract. However, experiences under 3.1 (including capabilities in 3.1.1) and 3.2 respectively should be under single contract each, as they demonstrate inter-linkage.

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38	3.7 Key Personnel Criteria	The bidder shall deploy the key personnel as specified in the tender and submit a signed undertaking along with the CVs, qualifications, experience and availability status of the proposed personnel as per ANNEXURE-IV. The bidder must engage the required number of personnel as specified in the tender.	OIL is requested to allow resume of individual contractors also to be submitted along with employees so that best people can be deployed for the project. Highly experienced professionals normally work as consultants on day rate.		Not Accepted
39	4.0 FINANCIAL EVALUATION CRITERIA	4.1 Annual Financial Turnover of the Bidder during any of preceding three financial/accounting years from the original bid closing date should be at least Rs. 35,46,90,000.00 (Rupees Thirty-Five Crore Forty-Six Lakh Ninety Thousand Only).	OIL is requested to waive the financial criteria for MSE Bidders.		Not Accepted

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40	24.0 SUBCONTRACTING/ASSIGNMENT - 24.1	24.0 SUBCONTRACTING/ASSIGNMENT: 24.1 CONTRACTOR shall not subcontract, transfer or assign the contract, or any part under this contract, to any third party(ies). Except for the main services under this contract, CONTRACTOR may sub-contract the petty support services subject to COMPANY's prior written approval. However, CONTRACTOR shall be fully responsible for complete execution and performance of the services under the Contract.	OIL is requested to allow the Contractor to engage specialist subcontractors/OEMs for specific components of the scope of work, subject to prior approval of OIL. The Contractor shall remain fully responsible for the complete execution, performance and contractual obligations under the Contract.		Not Accepted

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41	10.0 EXEMPTION FROM SUBMISSION OF BID SECURITY	10.0 EXEMPTION FROM SUBMISSION OF BID SECURITY: In case any bidder is exempted from paying the bid security, they should upload the supporting documents along with their technical bid. The detailed guidelines for exemption of the Bid security are given below.a. Central as well as State Government Departments and Public Sector Undertakings (PSUs) are exempted from submitting bid security against this tender.Note:i. Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant Document/Certificate towards exemption of EMD, issued by appropriate authority.ii. The Purchase Preference Policy for MSE bidders shall not be applicable in this tender.	OIL is requested to allow EMD exemption to MSE Bidders from submission of Bid Security, subject to submission of the relevant supporting documents along with the Technical Bid.		MSE exemption from Bid Security is not applicable. Only Central/State Government Departments and PSUs are exempt under ITB Clause 10.0.

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42	8.0 PURCHASE PREFERENCE TO MSE BIDDERS: [NOT APPLICABLE]	8.0 PURCHASE PREFERENCE TO MSE BIDDERS: [NOT APPLICABLE]: Since this is a Works tender, therefore Public Procurement Policy for MSEs Order, 2012 is not applicable for this tender. Thus, Purchase Preferences allowed as per Government Guidelines in vogue and PPP (Public Procurement policy) for Micro and Small Enterprises is not applicable for this tender.	OIL is requested to consider allowing Purchase Preference to MSE Bidders, as per the applicable Government Guidelines/Policy, subject to submission of valid supporting documents.		Purchase preference under the MSE policy is not applicable, as this is a works tender.
43	Forwarding Letter, Item (xvi) Duration of the Contract	The duration of the contract shall be for a period of 78 months from the Effective Date. Eighteen (18) months comprising of Twelve (12) months for implementation up to Go-Live and Six (6) months of post Go-Live support/Hypercare, followed by Sixty (60) months for the AMC period.	OIL is requested to consider extending the implementation period to Eighteen (18) months, considering the complexity and comprehensive nature of the project.		Timelines are sacrosanct, Not allowed.

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44	SOQ Para B (Payment Terms) and Para 11.1 Phase-1	The Data Center Infrastructure line (Sl. No. 10) is paid 25% at Phase-1, 20% at Phase-2, 20% at Phase-3, 25% at Phase-4 and 10% at Phase-5, although Para 11.1 requires the complete data-centre hardware to be supplied, installed and commissioned within Phase-1 (Months 1-3).	Bidder would like to highlight that the payment milestones are highly inconsistent with the hardware delivery milestones as specified in the tender, which will led to significant cashflow issues for the bidder. Oil India is kindly requested to modify the payment milestones to allow 100% payment of hardware at the time of delivery and commissioning of the same.		Not acceptable.
45	SOW Para 12 cl. 2; SOQ Para B (Sr. No. 7); SCC Para D.5.11	Three formulations of the AMC payment basis appear in the tender: SOW Para 12 clause 2 states that for the first year the Bidder will quote fixed AMC charges per quarter, and that for the remainder of the AMC period maintenance and support will be 'on actual consumption' with payment 'based on fixed annual quote'; SOQ Para B provides for quarterly invoices up to a total of 100% of Sl. No. 50; and SCC Para D.5.11 states that the Bidder will quote fixed year-wise AMC charges but 'shall be paid quarterly on actual maintenance and support provided'.	Bidders request confirmation of the governing basis - specifically, whether AMC will be paid in fixed quarterly instalments of the quoted year-wise AMC charge, or on a variable basis measured against actual support consumed, and if the latter, the measurement mechanism.		AMC shall be paid through equal quarterly instalments based on the quoted year-wise AMC charges, subject to actual maintenance and support being provided and applicable SLA deductions. No consumption-based variable measurement is envisaged.

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46	SOW Para 10.2(vii)	Para 10.2(vii) provides that OIL may request additional MLOps/DevOps support for a maximum of three consecutive months, priced at the same monthly rate as the primary MLOps engineer and invoiced only if authorised in writing.	SOQ Table-I contains no line item for such support. Bidders request confirmation of where this monthly rate is to be quoted in the Price Bid Format.		We will utilize it from Manpower for Implementation Cost from Price Bid Format
47	SOW Para 10.1(b), Para 10.2(xiii); SCC Para D.5.12	Para 10.1(b) describes the AMC Resident Service Engineer as deployed 'onsite, OIL's office hours, FHQ', while Para 10.2(xiii) states that during the AMC period the Bidder shall maintain 'dedicated onsite support of one Service Engineer on a 24x7 basis at FHQ, Duliajan'. SCC Para D.5.12 sets a one-hour response and four-hour resolution target for Critical (P1) incidents.	Bidders request confirmation of the required coverage - single shift during OIL's office hours, or 24x7 - since the two readings differ by approximately a factor of four in resident headcount and therefore in the AMC price.	-	24x7 During M&S, onsite during OIL office hours but available for resolution 24x7 on call basis

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
48	BEC Para 3.7, 3.7.1 and SOW Para 10.1(a)(i)	The key personnel table at BEC Para 3.7 lists thirteen minimum key personnel, and BEC Para 3.7.1(a) requires a signed undertaking per Annexure-IV with CVs, qualifications, experience and availability status. The month-wise deployment table at SOW Para 10.1(a)(i) shows monthly totals ranging from 8 to 12 FTEs.	Bidders request confirmation of (a) whether all thirteen key personnel must be named, with CVs, in the technical bid, or only those roles active at project commencement; (b) how the thirteen key personnel reconcile with the month-wise FTE totals, which do not reach thirteen in any month; and (c) whether the Resident Service Engineer described in the table as 'Onsite in all phases till AMC' is required from Month 1, notwithstanding the month-wise table which shows this role commencing at Month 3. Also bidder requests that only CV provided at this stage for bid submission. Providing the degree at this stage for all candidates may not be practically feasible.	-	CVs, qualifications, experience and availability of all stipulated key personnel are required with the technical bid under BEC Clause 3.7.1 and Annexure-IV. C. The table supersedes the availability of onsite personnel, table to be modified. Tender revisions to prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
49	SCC Para A.10, Para D.4, Para D.5.7, Para D.5.8 and Para D.5.13	The tender provides for liquidated damages capped at 7.5% of contract value excluding AMC; SLA penalties capped at 7.5% of the Phase-6 value or of each quarter's AMC value; accuracy penalties of 5% and 10% of contract value under Para D.4; manpower absence penalties; retraining delay penalties; and VAPT and data-breach penalties which are expressly stated not to form part of the general quarterly SLA penalty cap.	Bidders request confirmation of (a) the aggregate limitation of the Contractor's liability under the contract, (b) whether penalties under Para D.4 fall within the liquidated damages cap of Para A.10 or are additional to it	-	a)Tender to prevail, penalties cap during and post implementation are separate. b)VAPT and data breach penalties are not a part of quarterly SLA penalty cap

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

50	BEC Para 3.6(viii); SOW Para 11.1 notes (c) and (d); Phase-6 Deliverable 7	BEC Para 3.6(viii) requires an undertaking specifically confirming that all customised source code, configurations, connectors, workflows, project-specific documentation, fine-tuned model weights and AI-generated outputs created for OIL shall be the sole property of OIL, without qualification. SOW Para 11.1 note (d) provides that data, all customised source codes, fine-tuned model weights and AI-generated outputs created specifically for OIL shall be treated as work product for OIL, with the Bidder retaining ownership of its pre-existing tools, frameworks, libraries, methodologies and generic know-how 'except to the extent specifically customized for OIL'.	Bidders request confirmation that the Annexure-III undertaking is to be read consistently with SOW Para 11.1 note (d), and specifically that: (a) the Contractor's pre-existing platforms, base models, model architectures and libraries, together with weights derived by fine-tuning the Contractor's own base models, remain the Contractor's property; (b) OIL is granted a perpetual, irrevocable, non-exclusive, royalty-free licence to use, operate and modify such pre-existing components for its own internal business purposes, including after contract expiry, together with escrow of the relevant source code; (c) the expression 'specifically customized for OIL' is understood to mean OIL-specific configuration, integration code, and artefacts derived from OIL data, rather than the underlying pre-existing product; and (d) OIL's ownership of AI-generated outputs relates to the outputs themselves and not to the models that generate them.	-	Post implementation, the solution is OIL's property and OIL reserves the right to keep what has been developed for OIL. For any existing solution, bidder has to provide details during their proposal. For any customization, OIL will keep the rights and will need source code.
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
51	SCC Para A.6 (De-mobilization)	SCC Para A.6 states that 'No data, models or artefacts shall be retained by the Bidder post exit'.	Bidders request confirmation that this obligation applies to OIL's data and to OIL-specific artefacts derived from that data, and does not require the Contractor to destroy or surrender its own pre-existing product source code, base model weights or generic tooling deployed in the course of the contract.	-	Confirmed
52	SCC Para A.3 (Inspection)	SCC Para A.3 confers on OIL the right to inspect, audit and review source code repositories, training datasets, feature definitions, model parameters and hyperparameters.	Bidders request confirmation that, in respect of the Contractor's pre-existing proprietary components, such inspection may be conducted under a non-disclosure agreement, at the Contractor's premises, and where necessary through an independent third-party auditor nominated by OIL and acceptable to the Contractor.	-	Not accepted

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
53	Annexure-C Note 2	Annexure-C Note 2 provides that once an AI recommendation is validated and approved by OIL's Nominated Team through the Human-in-the-Loop framework, operational execution liability shifts to OIL, but that the Bidder 'remains strictly liable for systemic algorithmic defects'.	Bidders request (a) a definition of 'systemic algorithmic defect', (b) confirmation that this liability is subject to the aggregate limitation of liability under the contract, and (c) confirmation that it does not extend to outcomes arising from data quality, from OIL's own interpretation or from operational decisions taken after HITL approval.	-	“Systemic algorithmic defect” means a reproducible defect inherent in the bidder’s model, algorithm or implementation that materially affects outputs under valid operating conditions. Liability shall be governed by GCC Clause 16.0 and shall exclude outcomes attributable to deficient OIL data, OIL’s interpretation, or operational decisions taken after HITL approval, unless caused by such systemic defect.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
54	2 of 79 of SOW	Para 3.2 requires the proposed solution to ingest data from 'its unified data lake'.	Para 3.2 requires the proposed solution to ingest data from 'its unified data lake'. Bidders request confirmation of (a) whether the unified data lake under the CCC initiative will be operational and available to the Contractor at the Kick-off meeting, (b) if not, the expected availability date, and (c) how Phase-1 acceptance and liquidated damages under SCC Para A.10 will be treated in the event the data lake is not available within the Phase-1 window (Months 1-3).	-	The solution to remain independent of CCC integration, Bidder will have access to data from OT data lake

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
55	6 of 79 of SOW	Para 4.3 notes that 'the fields will be selected based on the outcome of the G&G analytics during project execution'	As Phase-2 concludes at Month 7. Bidders request confirmation of (a) the latest date by which OIL will nominate the two fields for AI-assisted 3D seismic processing, and (b) the maximum area, in sq km, of 3D seismic to be processed within the quoted lump-sum price	-	OIL shall nominate the two fields during project execution, sufficiently before commencement of the relevant seismic-processing activities. Comprehensive list of data sets to be incorporated along with quantity requested. - Will be provided during Kick-off, tentative will be 5-10 TB higher end

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
56	8 of 79 of SOW and 40 of 79 of SOW	Para 4.5 lists five example GenAI domain agents (prospect evaluation and ranking; data quality and anomaly detection; exploration and development risk assessment; Reservoir Engineering agent; 3D seismic data processing agent). The Phase-3 deliverable list at Para 11.1 names four different agents: (i) Well Performance Diagnostics, (ii) Opportunity screening for development and infill drilling, (iii) Conversational Insight from existing FDP documents, and (iv) Reservoir Model Insights & Assessment.	There is ambiguity in the list of the agents required to be delivered to Oil India in the scope of work in the tender document. Bidders request clarity and a confirmed scope of work for the definitive set of agents required for Phase-3 acceptance and issuance of the Phase-3 Project Acceptance Certificate.	-	Repeat Query. Clarified earlier above.
57	3 of 79 of SOW and 71/72 of 79 of SOW	Para 3.2(c) requires a RAG chat interface for natural language queries against 'the E&P Databank, Prosource, GRPC, IORA and other digitized reports'.	IORA is not described in Annexure-B, which covers GRPC, E&P Databank, ERP-SAP, ProSource and EDM. Bidders request the purpose, underlying technology and database platform, data content, approximate data volume and access endpoint for IORA.	-	The IORA database will not be linked instead information related to inplace volumetrics and oil & gas reserves for each reservoir will be supplied through excel table. There are about 650 oil & gas reservoirs.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
58	71 of 79 of SOW	For the GRPC system, Annexure-B states 'Technology used: MS Access & SQL server Database' and, separately, 'Database: MS Access'.	Bidders request confirmation of the authoritative platform and version, the approximate database size, the number of tables and the available integration method (direct database connection, ODBC, API or extract).		The GRPC is built on MS ACCESS based platform with database on Microsoft SQL server. The database size is of 300+ mB containing 106 Global tables and 16 local tables containing all the information related to well wise/reservoir wise/fieldwise production, BHP, crude oil property, completion details, drilling & workover report, well test data. The integration method will be on ODBC.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
59	17 of 79 of SOW and 15 of 79 of SOW	Para 7.3 requires the solution to provide the 'ability to embed AI insights back into native G&G applications and dashboards', and Para 2 identifies Petrel, Kingdom Suite, Techlog, Hampson-Russell, Omega, PaleoScan and Eclipse as applications in use. Para 6.3 places responsibility for all additional third-party licences, adapters and connectors on the Bidder.	Bidders request confirmation of (a) the specific applications for which write-back is required for acceptance, (b) whether OIL will provide the necessary developer SDKs, plug-in development licences and OEM consent for API access, and (c) whether the cost of OEM plug-in development licences is to be borne by the Bidder. Also, it needs to be highlighted that this gives the OEM of the identified applications an advantage over other bidders whose solution is vendor-agnostic		All the connectors/SDK license cost is bidder's scope. OIL shall provide the access for the following existing softwares: (i) Petrel G&G (ii) Petrel RE (iii) Eclipse, (iv) Techlog (v) Omega (vi) ProSource (vii) ArcGIS Pro (viii) GRPC (inhouse software)
60	15 of 79 of SOW	Para 6.3(3) states that the Bidder shall be solely responsible for procuring and maintaining any additional SAP or third-party licences and any adapters, connectors, tools or add-ons required for integration, and that OIL shall not bear any additional cost incidental to integration including licence procurement or renewal.	Bidders request confirmation of (a) whether this extends to licences held by OIL's incumbent OEMs (Halliburton/Landmark for E&P Databank and EDM, SLB for ProSource) that may be required to enable API or connector access, and (b) whether OIL will facilitate the necessary OEM consents and technical documentation.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
61	57-65 of 79 of SOW	Para 15.0(b) states that OIL will provide a single power feeder point capable of delivering 90 kW continuous power. Para 13.4 specifies two HPC racks with a load of 40 kW each (80 kW IT load), four InRow DX cooling units of 30 kW sensible capacity each, two 2TR CAC units for the UPS room, and three 80 kVA / 80 kW UPS modules (N+N redundancy for the IT load plus one 80 kW UPS for cooling backup).	Taking the IT load together with the electrical input of the cooling plant and UPS and distribution losses, the estimated incoming demand materially exceeds 90 kW. Bidders request confirmation of (a) the incoming feeder capacity that will actually be made available, (b) whether the IT load is to be de-rated below the 40 kW per rack stated in Para 13.4, and (c) if a feeder upgrade is required, whether it falls within OIL's scope under Para 15.0 or the Bidder's scope under Para 14.0.		The mentioned details is as per design, maximum we can provide a load of 150 kW. Bidder is free to propose as per tender requirements, other information for electrical/structural details can be accumulated during site visits Considering maximum IT load 80KW

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
62	57-65 of 79 of SOW	Para 13.3 specifies UPS modules in N+N redundancy, while Para 15.0(b) provides a single power feeder point. SCC Para D.5.6 sets an uptime SLA of 99.95%.	Bidders request confirmation of (a) whether a second independent incoming feeder is or will be available, (b) whether DG backup is available at the designated location and whether it is within OIL's scope, and (c) the historical availability of the incoming supply at the Exploration Basin Department building, so that the uptime SLA can be assessed against the power infrastructure OIL will provide.		OIL shall provide a single maximum upto 150 kW continuous power feeder point. A second independent feeder, DG backup and historical power-availability data are not committed. The bidder shall design the solution, including UPS redundancy, based on the stated power provision. Bidder has to supply 2x80KW ups with min (40KW+40KW module in each UPS). 2. Customer will provide power from single 250A feeder from their panel. 3. DG power will be available on the above feeder 250A.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
63	62 of 79 of SOW	Four InRow DX cooling units of 30 kW sensible capacity each (120 kW total) are specified against a stated IT load of 80 kW.	Bidders request confirmation of the intended redundancy configuration (N+1 or N+N) and of the design ambient and room conditions, so that units are quoted on a consistent basis.		The four 30 kW InRow cooling units shall be configured with N+N redundancy. The cooling system shall ensure 100% availability, with failure of any one unit not affecting the required cooling capacity.
64	37-38 of 79 of SOW	Phase-1 (Months 1-3) requires civil preparation, electrical and cooling installation, and the supply, installation and commissioning of two GPU servers each configured with eight NVIDIA B300 SXM GPUs, together with enterprise storage, networking and all data-centre systems.	Manufacturing and allocation lead times for B300-class SXM systems are currently understood to exceed much beyond three months from purchase order. Bidders request extension of the delivery date of these systems to 10 months from the date of LOA. The overall project completion date should also be extended accordingly to 20 months from the date of LOA.		Tender timelines to prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
65	49 and 51 of 79 of SOW	Sl. No. 18 of Table A (Interconnect & Networking) states that 'All compute servers quoted under this RFP, GPU workload servers must be supplied by a single OEM. Mixing servers from multiple OEMs is not permitted.' Sl. No. 8 (Management) separately requires that the management software and server hardware be from the same OEM.	Bidders request confirmation of whether this requirement extends to the five rack servers of Table C and the two workstations of Table D, or applies only to the GPU compute nodes of Table A.		The single-OEM requirement under Table A applies to the GPU workload servers. The five rack servers under Table C and two workstations under Table D may be from different OEMs, provided they meet the respective technical specifications and integration requirements. The management software and GPU server hardware shall be from the same OEM.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
66	40 of 79 of SOW	BEC Clause 3.6(xii) requires two case studies/benchmark reports showing hallucination below 5%, factual accuracy above 95%, and correct source attribution. SoW Clause 11.2 describes output targets and functional validation; the detailed test protocol is not specified.	Bidders request confirmation that (a) SOW Para 11.2 governs the evaluation of AI/GenAI outputs; (b) the governing metric, test dataset, ground truth and measurement methodology will be defined and mutually agreed for each AI component before the commencement of Phase-2; (c) where a component-level target is not met, any penalty will be assessed against the value of the affected component rather than the total contract value; and (d) the accuracy obligation is assessed on data of a quality and completeness sufficient to support it, given that data provision is OIL's responsibility under Para 6.1.	-	AI/GenAI outputs shall be evaluated as per SoW Para 11.2. Component-wise metrics, test datasets, ground truth and measurement methodology shall be agreed before Phase 2. Accuracy shall be assessed on quality-validated OIL data. However, penalties shall apply as stipulated in SCC Para D.4 and are not limited to the affected component's value, it will be governed by Tender norms

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
67	26 of 29 of SCC	The tender specifies 99.95% uptime for the stated solution services. Detailed measurement exclusions are not defined.	Bidders request confirmation of (a) the measurement window and the tool or method by which uptime will be measured, (b) the exclusions to be applied, including planned maintenance windows agreed under Para 12 clause 8, failures of OIL-provided power, network or facilities, failures of OIL source systems, and force majeure, and (c) that the availability boundary is limited to the solution stack supplied by the Contractor.	-	The 99.95% uptime SLA shall be measured monthly using the monitoring mechanism agreed during solution design and shall apply to the Contractor-supplied solution stack. OIL-approved scheduled maintenance windows, force majeure, and outages attributable solely to OIL-provided power, network, facilities or source systems shall be excluded from downtime calculation.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
68	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC) Clause No. 3.1 Criteria for Experience in AI/ML/GenAI	The bidder must have successfully completed at least 01 (One) 'SIMILAR WORK' under a single contract in the Oil & Gas / E&P Industry during the last 07 (Seven) years reckoned from the Original Bid Closing Date.	We request OIL to reconsider the "single contract" requirement and broaden the experience criteria to allow bidders to demonstrate relevant experience through a portfolio of multiple projects/contracts that collectively demonstrate the required capabilities and experience level.	-	Not Acceptable.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
69	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC) Clause No. 3.1 Criteria for Experience in AI/ML/GenAI	The bidder must have successfully completed at least 01 (One) 'SIMILAR WORK' under a single contract in the Oil & Gas / E&P Industry during the last 07 (Seven) years reckoned from the Original Bid Closing Date.	As these projects usually span through multiple years. We request OIL to reconsider the "completed" requirement and broaden the experience criteria to allow bidders to demonstrate relevant experience through an ongoing or active project. Suggested Alternative Language: "The bidder must demonstrate 'SIMILAR WORK' experience through a completed or ongoing contract in the Oil & Gas / E&P Industry during the last 07 (Seven) years reckoned from the Original Bid Closing Date, meeting either through (a) at least one single major contract, OR (b) a combination of multiple projects."		Only successfully completed work is acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
70	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC) Clause No. 3.2 Criteria for Experience in Data Centre Infrastructure	In addition to the AI/ML/GenAI experience as per Clause No. 3.1 above, the bidder must have successfully completed/executed at least one (01) Data Centre or any project of similar nature under a single contract during the last 7 (seven) years reckoned from the Original Bid Closing Date in any Central Govt. organisation/ State Govt. organisation/ Public Sector Undertaking/ State Govt. Enterprise/ Public Limited Company in India/ Oil & Gas / E&P Industry.	As these projects usually span through multiple years. We request OIL to reconsider the "completed" requirement and broaden the experience criteria to allow bidders to demonstrate relevant experience through an ongoing or active project.		Only successfully completed work is acceptable.
71	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC) Clause No. 3.2 Criteria for Experience in Data Centre Infrastructure	In addition to the AI/ML/GenAI experience as per Clause No. 3.1 above, the bidder must have successfully completed/executed at least one (01) Data Centre or any project of similar nature under a single contract during the last 7 (seven) years reckoned from the Original Bid Closing Date in any Central Govt. organisation/ State Govt. organisation/ Public Sector Undertaking/ State Govt. Enterprise/ Public Limited Company in India/ Oil & Gas / E&P Industry.	We request OIL to reconsider the "single contract" requirement and broaden the experience criteria to allow bidders to demonstrate relevant experience through a portfolio of multiple projects/contracts that collectively demonstrate the required capabilities and experience level.		Not Acceptable.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
72	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC) Clause No. 3.3.1 Notes to Clause No. 3.3, Point No. IV	IV. Work executed by a bidder for its own organization/parent subsidiary/co-subsidiary/sister-subsidiary/Joint Venture cannot be considered as experience for the purpose of meeting BEC.	Many consulting firm operates as a member of global professional services firm. Whereby, project for foreign clients/company is performed under "Inter-Firm Agreement" between India entity and respective country's entity enabling shared resources and knowledge across entities. We request OIL to kindly allow network member projects as qualifying experience supported by Inter-Firm Agreement.		Not allowed

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
73	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC) Clause No. 3.3.1 Notes to Clause No. 3.3, Point No. V	V. Work executed through 'sub-contracting' shall not be considered for evaluation. (except for Data Centre Infrastructure supply and installation, which may be executed via a nominated subcontractor as detailed in Clause 3.2).	We operate as a member of global professional services network. Whereby, project for foreign clients/company is performed under "Inter-Firm Agreement" between India Entity and respective country's network entity enabling shared resources and knowledge across entities. We request OIL to allow us to demonstrate 'Work executed through 'sub-contracting' for evaluation as these sharing of resources is considered as sub-contracting but allows us to use its experts or resources from across the globe.		Not Acceptable.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
74	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC) Clause No. 3.4.1	Point No. IV Bid from Consortium of Companies	We understand that to fulfil the Technical Evaluation Criteria under Clause No. 3.1 and 3.2 the experience can be used from any of the members of consortium companies for single or multiple projects.		Bidders to refer the Clause No. 3.4 (IV) for submitting Consortium bid. Both experiences under Clause 3.1 and 3.2 are not required to be under a single contract. However, experiences under 3.1 (including capabilities in 3.1.1) and 3.2 respectively should be under single contract each, as they demonstrate inter-linkage.
75	Bid Evaluation Criteria (BEC) / Pre-Qualifying Criteria (PQC)	(n) Constitution of Consortium: The members of the consortium should not be more than 03 (Three).	We request Oil to increase the limit of the members of the consortium to 05 (Five).		The consortium is limited to a maximum of three members under BEC Clause 3.4.1(IV)(n).

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
76	Objective-i	Context-aware autonomous AI agent(s) capable of reasoning and hypothesis formulation."	Does OIL intend to reach an "Autonomous system" in stage gate manner during the currency of this contract?		Tender requirements to prevail; All agent recommendations shall remain subject to Human-in-the-Loop validation and approval by OIL's Nominated Team before operational execution.
77	Scope	Almost all implementation, infrastructure, support, training, and data-center requirements are tied to FHQ Duliajan.	Data from all operating assets must be onboarded and actively analyzed, or only a centrally hosted platform at Duliajan is required?		The platform shall be centrally hosted at FHQ Duliajan and shall onboard and support analytics across OIL's entire in-scope asset data, including over 1,900 producing and non-producing wells. AI-assisted 3D seismic processing shall cover approximately 500 km ² across two selected fields.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
78	Bid submission Date	NA	Considering the scope of work, capabilities required etc. we request OIL to kindly allow at least 45 days to submit the bid		Bid submission timeline shall remain as notified in the e-procurement portal and any extension, if approved, will be issued through an amendment.

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
79	FORWARDING LETTER ePBG Percentage(%)	Separate Performance Security Amount & validity shall be applicable as below: PART-A: Implementation & Hypercare 1. 10% of the cumulative contract cost for 'Supply, installation and commissioning and implementation including Hypercare' to be submitted upon issuance of the LOA. This Performance security shall remain valid up to three (3) months beyond the date of expiry of hypercare period. PART-B: AMC 2. 3% of the cumulative contract cost for Annual Maintenance Services, to be submitted prior to commencement of the AMC services and with validity up to three (3) months beyond the date of the expiry of the AMC period.. Refer Clause No. 24.0 of Instruction to Bidder (ITB)	We request for separate PBGs as below: Separate Performance Security need to be submitted for the two distinct phases of the contract, as follows: Implementation Phase: Performance Security equivalent to 5% of the Implementation contract value, to be furnished at the time of award and remain valid up to three months beyond completion of the implementation phase. AMC Phase: Performance Security equivalent to 3% of the post Implementation value (Total Contract value minus Implementation cost component), to be submitted prior to commencement of AMC services and remain valid up to three months beyond expiry of the AMC period.	Bidder requests separate PBGs as proposed.	Already available in Tender, % to remain sacrosanct

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
80	FORWARDING LETTER 2.0 (xiii) Amount of Performance Security	-Do-	PART-A: Implementation & Hypercare 1. 10% 5% of the cumulative contract cost for ' Supply, installation and commissioning and implementation including Hypercare' to be submitted upon issuance of the LOA. This Performance security shall remain valid up to three (3) months beyond the date of expiry of hypercare period. PART-B: AMC 2. 3% of the cumulative contract cost for Annual Maintenance Services, to be submitted prior to commencement of the AMC services and with validity up to three (3) months beyond the date of the expiry of the AMC period	Bidder requests for 5% instead of 10%	Not Acceptable

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
81	INSTRUCTIONS TO BIDDERS 28.0	Goods And Services Tax	Please add: Any reimbursement or recovery from Company will be subjected to GST when invoiced	In the event where any reimbursement or recovery is to be done from the Company, an invoice will be raised along with GST in accordance with the applicable GST laws	No Change
82	BID EVALUATION CRITERIA (BEC) 3.4.1 (II)	<u>Eligibility criteria in case bid is submitted based on technical experience of Sister-subsidiary/Co-subsidiary Company:</u>	(iii) Provided that with a view to ensure commitment and involvement of the ultimate parent/holding company sister-subsidiary / co-subsidiary company for successful execution of the contract, the participating bidder must submit an Agreement, as per format furnished as Proforma N, between them bidder, sister-subsidiary/co-subsidiary and their ultimate parent/holding company, along with the technical bid.	The agreement will be between bidder, sister subsidiary and parent/holding company,	No Change, clarified

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
83	BID EVALUATION CRITERIA (BEC) 3.4.1.1	Notes to Para 3.4 (I) & 3.4 (II) above (3.4 (I): Eligibility criteria in case bids are submitted based on technical experience of Parent/Subsidiary Company) (3.4 (II): II. Eligibility criteria in case bid is submitted based on technical experience of Sister-subsidiary/Co-subsidiary Company)	(d) A CERTIFICATE from the Statutory Auditor of the bidding company/practicing chartered accountant to establish the relationship and equity percentage holding between bidding company and the supporting company. The certificate should be duly concurred/endorsed by the Company Secretary or one of the Directors of the company concerned. Note: The above certificate should not be more than 30 days old as on the original bid closing date.	Request OIL to consider certificate from a practicing chartered accountant.	To Review and Revert

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
84	BID EVALUATION CRITERIA (BEC) 3.4.1.1	Notes to Para 3.4 (I) & 3.4 (II) above:	(d) A CERTIFICATE from the Statutory Auditor of the bidding company/practicing chartered accountant to establish the relationship and equity percentage holding between bidding company and the supporting company. The certificate should be duly concurred/endorsed by the Company Secretary or one of the Directors of the company concerned. Note: The above certificate should not be more than 30 days old as on the original bid closing date.	Request OIL to consider certificate from a practicing chartered accountant.	To be reviewed
85	BID EVALUATION CRITERIA (BEC) 3.4.1 (IV) (q)	Certified copies (attested by Director/Company Secretary) of Board resolutions passed by respective Board of Directors of the companies (Consortium leader and members) agreeing to entering into such consortium with each other for submission of bid for the NIT and authorizing designated executives of each company to sign in the MOU to be provided along with the technical bid.	We request OIL to consider General Power of Attorney ("GPOA"). GPOA is sufficient even if the bid is a consortium, as GPOA empowers the signatories to transmit offers, bids and carry out any and all negotiations, business and commercial transactions, without any restrictions as such.		For consortium, agreement has to be submitted between parties for this tender only.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
86	BID EVALUATION CRITERIA (BEC) 3.4.1 (IV) (s)	The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarized. In case of involvement of overseas bidder/consortium partner, the MOU/Agreement should be notarized/endorsed by Indian Embassy.	The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarized. In case of involvement of overseas bidder/consortium partner, the MOU/Agreement should be notarized/endorsed by Indian Embassy.		To be reviewed
87	BID EVALUATION CRITERIA (BEC) 3.4.3	Bidders to note that if any bidder (individual/Parent/Subsidiary/Sister-Subsidiary/Co-Subsidiary/ Joint Venture/ Consortium member) provides documents of jobs/contracts executed outside India against Clause no. 3.1 & 3.2 above , then OIL reserves the right to ask the bidder to get the aforesaid documents endorsed by Indian Embassy of the country where the job/contract was executed and it will be binding on the bidder to provide the same to OIL within stipulated time period	Bidders to note that if any bidder (individual/Parent/Subsidiary/Sister-Subsidiary/Co-Subsidiary/ Joint Venture/ Consortium member) provides documents of jobs/contracts executed outside India against Clause no. 3.1 & 3.2 above, then OIL reserves the right to ask the bidder to get the aforesaid documents endorsed by Indian Embassy of the country where the job/contract was executed and it will be binding on the bidder to provide the same to OIL within stipulated time period	We request OIL to delete this requirement. Please note that bidder will be submitting agreement between bidder, supporting entity and parent/holding company. Moreover, all documents will be TPI verified.	To be reviewed

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

88	BID EVALUATION CRITERIA (BEC) 3.4.4	In case the contract is awarded based on the bid submitted as per Clause no. 3.4 (I)/(II)/(III)/ (IV) above, in order to meet the commitment from the supporting firm/ JV partner/ Consortium member based on whose technical experience the bidder has been qualified, the identified key personnel as mentioned in Clause 3.7 and Annexure-IV shall be deployed from the supporting company/JV partner/ Consortium member during the entire implementation period of the project. DECLARATION as per PROFORMA-XVII in this regard from the bidder as well as the Supporting Company are required to be submitted along with the un-priced techno-commercial bid as per format enclosed	In case the contract is awarded based on the bid submitted as per Clause no. 3.4 (I)/(II)/(III)/ (IV) above, in order to meet the commitment from the supporting firm/ JV partner/ Consortium member based on whose technical experience the bidder has been qualified, the identified key personnel as mentioned in Clause 3.7 and Annexure-IV shall be deployed from the supporting company/JV partner/Consortium member during the entire implementation period of the project. DECLARATION as per PROFORMA-XVII in this regard from the bidder as well as the Supporting Company are required to be submitted along with the un-priced techno-commercial bid as per format enclosed	We request OIL to delete this requirement. Since: What is being borrowed is solution experience, not personnel experience. The purpose of the clause is to establish that the platform proposed has a demonstrated track record of successful implementation. That track record vests in the Supporting Company's product and delivery methodology, which is fully available to the bidding company as a wholly-owned entity within the same ultimate parent. The eligibility criteria are framed around executed projects, not around named individuals, and no personnel-specific experience is relied upon to establish qualification. This is a technology and platform contract	Not Acceptable
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

				executed substantially through configuration, integration and updates rather than through manpower. Wherever specialist input from the Supporting Company is required, the same shall be provided online from its global delivery centres on a continuous basis for the duration of the contract. Supporting Company commitment is already secured through the tripartite agreement and the Performance Security invocable by OIL for non-performance; a personnel mandate adds no further protection. Key Personnel deployment conditions are typically drafted for manpower-intensive services and EPC-type contracts, where execution capability	
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
				resides in individuals. For software and platform contracts the deliverable is a licensed and configured technology solution, and industry practice — including in other PSU digital tenders — is to require the OEM / Supporting Company to be responsible for the product, with implementation manpower drawn from the bidding entity	
89	BID EVALUATION CRITERIA (BEC) 5.3	Bid Security	Request OIL to confirm that e-Bank Guarantee is also acceptable as Bidder will be submitting e- Bank Guarantee.		Electronic Bank Guarantee is acceptable through the banks listed in ITB Clause 9.2, subject to the specified e-BG and SFMS requirements.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
90	BID EVALUATION CRITERIA (BEC) 15.4 (c)	On issuance of the Inspection Certificate to the bidder, the TPI agency should share a copy of the same to the concerned Purchase Officer through email directly (Email ID: Contracts-Operations@oilindia.in;). OIL reserves the right to ask the inspection agencies to verify the documents with source, if required, at no extra cost to OIL.	~~On issuance of the Inspection Certificate to the bidder, the TPI agency should share a copy of the same to the concerned Purchase Officer through email directly~~ (Email ID: Contracts-Operations@oilindia.in;). OIL reserves the right to ask the inspection agencies to verify the documents with source, if required, at no extra cost to OIL	The TPI Certificate will be submitted by the bidder along with the bid. TPI agency will not be submitting any document to OIL.	Tender to prevail , no change
91	SPECIAL TERMS AND CONDITIONS SECTION-I: GENERAL CONDITIONS OF CONTRACT (GCC) GCC Cl. 13.0	CUSTOMS DUTY, IF APPLICABLE	In case of import of goods, the following clause needs to be added: The Company shall arrange a certificate issued by Senior official authorised by their Board of Directors for concessional imports under notification no. 45/2025-Customs dated 24th October, 2025 (S. No.229 of Table I, List 16, and Condition No. 28), issued in supersession of Notification No. 50/2017- Customs dated 30th June, 2017 (S. No. 404 of Table, List 33, and Condition No. 48). In the event of denial of benefit to the contractor provided under notification no. 45/2025-Customs for reason not attributable to the contractor, contractor shall charge applicable customs duty on import.	The Contractor should be entitled to recover differential duty paid on account of denial of concessions by authorities wherein the fault is not attributable to the Contractor	Tender to prevail , no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

92	SPECIAL TERMS AND CONDITIONS SECTION-I: GENERAL CONDITIONS OF CONTRACT (GCC) 15.0	Liability	15.1 Except as otherwise expressly provided herein, neither COMPANY nor its servants, agents, nominees, CONTRACTORs, or sub-CONTRACTORs shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss of or damage to the property of the CONTRACTOR and/or their CONTRACTORs or sub-CONTRACTORs, irrespective of how such loss or damage is caused and even if caused by the negligence of COMPANY and/or its servants, agent, nominees, assignees, CONTRACTORs and sub-CONTRACTORs. The CONTRACTOR shall protect, defend, indemnify and hold harmless COMPANY from and against such loss or damage and any suit, claim or expense resulting there from. 15.2 The CONTRACTOR shall protect, defend, indemnify and hold harmless COMPANY from and against such loss or damage and any suit, claim or expense resulting there from. Neither COMPANY nor its servants, agents, nominees, assignees, CONTRACTORs, sub-CONTRACTORs shall have any liability or responsibility whatsoever for injury to, illness, or death of any employee of the CONTRACTOR and/or of its	Typo in placement of the sentence.	Tender to prevail , no change
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
			CONTRACTORs or sub-CONTRACTOR irrespective of how such injury, illness or death is caused and even if caused by the negligence of COMPANY and/or its servants, agents nominees, assignees, CONTRACTORs and sub-CONTRACTORs. CONTRACTOR shall protect, defend, indemnify and hold harmless COMPANY from and against such liabilities and any suit, claim or expense resulting there from.		

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
93	SPECIAL TERMS AND CONDITIONS SECTION-I: GENERAL CONDITIONS OF CONTRACT (GCC) 39.	STATUTORY VARIATION/ NEWLY ENACTED LAW	In order to factor any changes on account of adverse interpretation of law by authority, the following clause should be added: Notwithstanding anything else contained herein, if subsequent to the date of submission of Bid, any new or additional taxes and similar levies in nature and any increased in the direct cost, resulting from future legislation or interpretation of existing or future legislation, including and not limited to, goods and service tax, sales tax, customs duties, R&D cess, works contract tax, services tax, corporate tax, octroi, entry taxes etc. are imposed by Government or the concerned authorities which Contractor is bound to pay in respect of the payments received by Contractor in pursuance of this agreement, then such new/additional taxes/levies will be borne by Company. Additionally, any upward change in the rates of the existing taxes/levies shall be to the account of Company. In case of reduction or exemption from any taxes/ levies, benefit shall be passed on to the Company.	The existing clause doesn't factor any liability which arises on account of adverse interpretation of law by authorities and therefore, this addition is important.	Tender to prevail , no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
94	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Cl. 10	Liquidated Damages	(a) If the Contractor is unable to complete the work for each Phase within the stipulated time frame as per "PHASE WISE JOB EXECUTION SCHEDULE PLAN" specified in SoW, a sum equivalent to 0.5% of the Total Contract Value of the delayed phase excluding AMC cost per week or part thereof of delay, subject to a maximum of 7.5% of the Total Contract Value of the delayed phase excluding AMC cost, shall be recovered from the contractor as Liquidated Damage (b) Delete	LD to be applied and calculated for the delayed phase only.	Tender to prevail , no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
95	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause GCC Clause No.14.1	Insurance	Please amend the clause below:CONTRACTOR at all times during the currency of the O&M contract shall provide, pay for and maintain the following insurance coverage:Employees Compensation (EC) Policy Workmen Compensation or Employer's Liability Policy insurance : As required by the laws of the country of origin of the employee.	We request this insurance to be applicable as per the applicable laws of the contract.In the Employees Compensation Act, there is no mention that a foreign national can comply with the rules of his/her country and need not comply with the laws of India/EC Act. The requirement in this clause is in contravention of the EC Act.Hence, we request OIL to kindly amend this requirement.	Tender to prevail , no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
96	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC Cl. 14.1 a)	The Contractor shall, at his own expense, arrange appropriate comprehensive insurance (All-risks insurance cover with suitable limit as per International Standard) to cover all risks assumed by the Contractor under this Contract in respect of its equipment, tools including but not limited to well equipment & tools, any other belongings and personnel during the entire period of this Contract including extensions thereof.	Please delete the clause below: a) The Contractor shall, at his own expense, arrange appropriate comprehensive insurance (All-risks insurance cover with suitable limit as per International Standard) to cover all risks assumed by the Contractor under this Contract in respect of its equipment, tools including but not limited to well equipment & tools, any other belongings and personnel during the entire period of this Contract including extensions thereof.	Bidder requests deletion of this provision as it is not relevant for scope envisaged in this tender.	Tender conditions shall prevail
97	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC Cl. 14.1 b)	The Contractor shall also carry adequate insurance cover against damage/loss third party/person/property.	Please amend as below: b) The Contractor shall also carry adequate insurance cover against damage/loss to third party/person/property to cover its liabilities under Contract.	We request this addition for clarity as contractor shall have insurance to cover its liabilities only.	Tender conditions shall prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
98	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC Cl. 14.1 c)	The Contractor at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the works-in-progress from time to time and the interest of Company against all risks as detailed herein subject to the satisfaction of the Company and irrespective of acceptance of the Work.	Please delete the entire clause below: c) The Contractor at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the works-in-progress from time to time and the interest of Company against all risks as detailed herein subject to the satisfaction of the Company and irrespective of acceptance of the Work.	We request deletion of this requirement as the type of services to be provided under this contract is not something can be covered for “work in progress”.	Tender conditions shall prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

99	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC Cl. 14.5	Waiver of subrogation: All insurance policies of the CONTRACTOR and its Sub-Contractor with respect to the operations conducted hereunder as set forth in clauses hereof, shall be endorsed by the underwriter in accordance with the following policy wording: "The insurers hereby waive their rights of subrogation against Oil India Limited or any of their employees or their affiliates and assignees".	Please amend the clause below: Except for the Workmen's Compensation / Employer's Liability Insurance for workmen engaged under this contract which have been obtained by the Contractor as their corporate policy/rules, where OIL is neither required to be present as principal assured or additional assured, all insurance policies of the Contractor and its Sub-Contractor with respect to the operations conducted hereunder as set forth in clauses hereof, shall be endorsed by the underwriter in accordance with the following policy wording: "The insurers hereby waive their rights of subrogation against Oil India Limited or any of their employees or their affiliates and assignees to the extent of the indemnities undertaken by the Contractor under this Contract."	Bidder requests this change since waiver of subrogation will be to the extent of indemnities assumed by the Contractor under the contract. This clause was amended in multiple tenders/contracts for OIL including: Tender No. GEM/2023/B/3923542 for Hiring of Services for upgradation of hardware and infrastructure of High-Performance Computing Centre (HPCC) at Geophysics Department of OIL Contract No. 6118193 for hiring of cementing services, Contract No. 6118087 for hiring of wireline services in OALP Block, Tender No. DCG3015S23 for Hiring of Pulsar Services, Tender No. CDG7411L22 for Hiring of 03 (Three) Nos.	Tender conditions shall prevail
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
				Wireline Logging Units with Services.	
100	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC Cl. 14.6	Loss Payee Clause	Delete and mark as “Not Used”	Bidder requests deletion of this provision as it is not relevant for scope envisaged in this tender. This has been agreed by OIL in all contracts including: Tender No. GEM/2023/B/3923542 for Hiring of Services for upgradation of hardware and infrastructure of High-Performance Computing Centre (HPCC) at Geophysics Department of OIL Contract No. 6118193 for hiring of cementing services Contract No. 6118087 for hiring of wireline services in OALP Block Tender No. DCG3015S23 for Hiring of Pulsar Services	Tender conditions shall prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
101	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC Cl. 14.7	Additional Assured: “Oil India Limited” to be included as Additional Assured in the Insurance Policies (except in case of Workmen’s Compensation/Employer’s Liability insurance)	Please amend the clause below: “Oil India Limited” is to be included as Additional Assured named as Additional Insured in the Insurance Policies (except in case of Workmen Compensation/Employer’s Liability insurance) to the extent of the indemnities undertaken by Contractor under this Contract.	Proposed change to align with 14.12 i) Additional Assured status shall be to the extent of liabilities of Contractor under the Contract only.	Tender conditions shall prevail
102	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC 14.12 ii)	Commercial General Liability Insurance	Delete and mark as “Not Used”	The scope of work for this present tender is not well site services, hence this insurance is not applicable. This has been agreed by OIL in all contracts including: Contract No. 6117171 for AMC of Petrel Geoscientific Software Contract No. 6117480 for AMC of Techlog Software	Tender conditions shall prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
103	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause To amend GCC 14.12 iii)	Comprehensive General Automotive Liability	Delete and mark as “Not Used”	The scope of work for this present tender is not well site services, hence this insurance is not applicable.	Tender conditions shall prevail
104	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause GCC 14.12 iv)	Carrier's Legal Liability Insurance	Delete and mark as “Not Used”	The scope of work for this present tender is not well site services, hence this insurance is not applicable. This has been agreed by OIL in all contracts including: Contract No. 6117171 for AMC of Petrel Geoscientific Software Contract No. 6117480 for AMC of Techlog Software	Tender conditions shall prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
105	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Insert new clause 14.12 vi)	Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY)	Request OIL to clarify that this will apply only for contract labour and will not apply for Contractor's employees.	We will not be using any contractors for the purpose of this Scope of Work. Accordingly, we request OIL to please delete the obligation to maintain this insurance as mentioned in SCC. This has been agreed by OIL in all contracts including: Contract No. 6117171 for AMC of Petrel Geoscientific Software Contract No. 6117480 for AMC of Techlog Software	Tender conditions shall prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
106	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Intellectual Property Rights Please add this new clause below : While providing the goods/services to Company, Contractor may utilize expertise, know-how and other intellectual capital (including intellectual property) and develop additional expertise, know-how and other intellectual capital (including intellectual property) which are the Contractor's exclusive property and which Contractor may freely utilize in providing goods/services for its customers. Except where expressly and specifically indicated in writing and in exchange for appropriate agreed payment, Contractor does not develop any intellectual property for ownership by OIL. Contractor retains sole ownership of any such intellectual capital (including intellectual property) created by Contractor during the course of providing the goods/Services. Contractor grants no title, license or right to OIL to use Contractor Group's intellectual capital (including intellectual property).	We request OIL to please replace this clause with the standard clause on Intellectual Property Ownership. This clause was agreed in multiple contracts including: Tender No. GEM/2023/B/3923542 for Hiring of Services for upgradation of hardware and infrastructure of High-Performance Computing Centre (HPCC) at Geophysics Department of OIL Contract No. 6116940 dated 10 May 2022 Contract No. 6116167 dated 2 May 2022 Contract No. 6118193 for hiring of cementing services Contract No. 6118087 for hiring of wireline services in OALP Block	Not Acceptable(Refer to clause no 11.1 under note no. d) of the SoW)

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
107	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Patent Indemnity: Please add this new clause below: Contractor shall not be liable for any intellectual property infringement due to: (a) specific modification or design of Contractor's goods or services to meet OIL's specifications, (b) combination of Contractor's goods or services in combination of other products and/or services not recommended by Contractor, (c) out of unauthorized additions or modifications to Contractor goods by OIL, or (d) OIL's use of Contractor's goods or services that does not correspond to Contractor's published standards or specifications; in which case, OIL shall indemnify and hold Contractor harmless from any claims.	While Bidder agrees to indemnify OIL for IP Infringement, Bidder will not be able to indemnify OIL for IP Infringement in certain exceptional cases. We request OIL to please add these standard exclusions for IP Infringement. This has been agreed by OIL in several POs including: Tender No. GEM/2023/B/3923542 for Hiring of Services for upgradation of hardware and infrastructure of High-Performance Computing Centre (HPCC) at Geophysics Department of OIL Contract No. 6118087 for Hiring of Wireline Services for exploratory drilling in OALP blocks Contract No. 6118193 for hiring of cementing services	Not Acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
108	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Data Liability	-(New Clause)	Data Liability: Please add the following new clause: Company shall at all times be responsible for the product(s) provided by Company and for providing back up for all and data files. It is clearly understood that Contractor has no liability for loss, damage, or destruction to any Company data, except in the case of intentional misconduct, in which case Contractor's sole liability is limited to reloading the data from the most recent database back-up. In no event shall Contractor ever be liable for reacquiring Company's data.	We request OIL to please add this clause on Data Liability considering the scope of work. This has been agreed by OIL in several POs/tenders including: GEM/2024/B/5560778 for Hiring of Consultants, GEM/2023/B/4362014 for Hiring of Consultancy Services for Basin Modelling Study GEM/2023/B/4200591 for Hiring of Consultancy Services to carry out G&G Studies pertaining to Offshore Andaman and Nicobar Basin	Tender to prevail , no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

109	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Reliance on Data Please add this new clause below: Notwithstanding anything to the contrary in the Contract, interpretation, recommendations and / or well or reservoir descriptions, deliverables and decisions may involve information and data furnished by OIL, the accuracy and reliability of which are not the responsibility of Contractor. Under no circumstances should OIL treat or rely upon the use of the software/goods/services or any deliverable as the sole basis for any decision, be it operational, technical, financial, commercial or otherwise, related to the wellbore, the reservoir or the field, including but not limited to any decisions related to well planning, drilling safety and performance, field development, well control, production optimization, contingency planning and infrastructure and systems design and optimization. Therefore, for the avoidance of doubt, Contractor does not provide warranty for the accuracy, correctness or completeness of deliverables, and OIL takes full responsibility for any decisions taken by OIL based on all interpretations, recommendations, deliverable and / or well or reservoir descriptions.	We request inclusion of this clause as this is an industry recognized standard. Bidder provides services based on good judgement and cannot guarantee the utter accuracy of any data or interpretation thereof.	Tender to prevail , no change
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
110	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Import and Export Control: Please add the new clause below: Both Parties shall strictly comply with, and adhere to, all applicable U.S. and non-U.S. laws and regulations pertaining to economic sanctions laws, trade, import and export control. In the event that at the time when this Contract comes to existence or any moment thereafter, any trade compliance laws, regulations or restrictions of any kind, substantially adversely affect the performance of Parties or their affiliated companies under the Contract, the Parties shall seek in good faith to find a mutually acceptable solution to minimize such adverse effects. In the absence of a mutually acceptable solution, each Party, reserves the right to terminate the Contract, and the other Party agrees that it shall not be considered a breach of this Contract and hence it shall have no legal cause of action, and hereby waives any right to assert the same.	We request addition of this clause to ensure compliance to the respective trade control and sanction and to avoid both criminal and civil liability.	Not Acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
111	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Subscription License: Please add this new clause below: OIL's right to use the version of the Software licensed and delivered to OIL is subscription and begins when Seller delivers the Software to OIL in the manner indicated in the Quotation. OIL may continue to use the Software as long as OIL abides by the terms and conditions of this Contract. If OIL violates the terms and conditions of this Contract, this license immediately expire and OIL must discontinue OIL'S use of the Software and immediately remove, return or destroy, at Seller's option, all copies of the Software and all of the related documentation.	We request OIL to please add this clause on nature of software license. import and export compliance. This clause has been agreed by OIL in previous Contracts and POs as below: PO 7913514/DFD/L6 dated 25 July 2024 PO 7951342/DFD/L6 dated 2 November 2021 PO 7951330/SJG dated 16 August 2021 PO 7951330/SJG dated 16 August 2021	Not Acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
112	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Non-Exclusive/ Non-Transferable: Please add the new clause below: The Software is licensed, and not sold, to OIL on a non-exclusive, non-transferable basis. This Contract only gives OIL rights to use the Software for OIL's own internal business operations. OIL may use the Software only as expressly granted to OIL in this Contract, and Seller reserves all other rights that are not specifically granted to OIL.	We request OIL to please include this standard clause for licensing. This clause has been agreed by OIL in previous POs as below: PO 7913514/DFD/L6 dated 25 July 2024 PO 7911964/LCP dated 29 April 2022 PO 7951342/DFD/L6 dated 2 November 2021 PO 7951330/SJG dated 16 August 2021 .	Not Acceptable
113	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Software Warranty: Please add this new clause below: The software warranty cover is subject to OIL follows the instructions and operates the software on computer systems that comply with Seller's published technical specifications, Seller warrants that during the term of the warranty period, the Software will perform as described in the Seller's Documentation that OIL receive in or with the Software. Seller does not provide any warranty for Software that has not been properly licensed.	We request OIL to please add this clause on software warranty. import and export compliance. This clause has been agreed by OIL in previous Contracts and POs as below: PO 7913514/DFD/L6 dated 25 July 2024 PO 7951342/DFD/L6 dated 2 November 2021 PO 7951330/SJG dated 16 August 2021 .	Tender to prevail , no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
114	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New Clause)	Limited Warranty: Please add this new clause below:The Seller's sole responsibility under these warranties will be to provide the goods / equipment / Software, Maintenance and/or Services described in the Contract with OIL. Warranties do not apply to : (a) any goods other than goods / Software listed in the Contract, or (b) conditions resulting from improper use or storage of the goods or operation of the goods outside the specified environmental conditions; or (c) conditions resulting from causes external to the goods /Software after delivery;' or (d) conditions resulting from modifications to the goods / Software other than modifications made by Seller or Seller's service vendor; or (e) conditions resulting from movement of the goods /Software; or (f) goods /Software from which Seller's or Seller's service vendor's serial numbers have been removed.	We request OIL to please add this clause on limited warranty. import and export compliance. This clause has been agreed by OIL in previous Contracts and POs as below:PO 7913514/DFD/L6 dated 25 July 2024PO 7951342/DFD/L6 dated 2 November 2021PO 7951330/SJG dated 16 August 2021	Tender to prevail , no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

115	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New clause)	Limitation of License: Please add this new clause below: OIL is not authorized any may not authorize anyone else to do any of the following: (a) Obtain unauthorized access to the Software, for example, by bypassing security features, including but not limited to license control features that limit or record the number of users, in or for the Software; (b) Reverse engineer, decompile or disassemble the Software except and only to the extent required by law; (c) Make more copies of the Software than specified in the Contract; (d) Publish the Software; (e) Develop or create modifications, improvements and/or derivative works of the Software; (f) Display the Software in any manner except as provided herein; (g) Rent, lease, lend, sub-license or otherwise distribute or assign OIL'S rights in the Software, including but not limited to assigning or sub-licensing OIL'S rights to use the Software to third parties without Seller's prior written consent, (h) Separate out or use any portion of embedded Software for any purpose such as commercial or competitive analysis of Seller's Software;	We request OIL to please add this clause on limitations of license. import and export compliance. This clause has been agreed by OIL in previous Contracts and POs as below: PO 7913514/DFD/L6 dated 25 July 2024 PO 7951342/DFD/L6 dated 2 November 2021 PO 7951330/SJG dated 16 August 2021 .	Tender to prevail , no change
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
			(i) Transfer the Software from the Geographic Unit of first delivery without notifying Seller and paying any related charges associated with a license transfer or access; or (j) Deliberately modify or disable or otherwise “crack” any feature incorporated in the Software, including those that are intended to prevent access to unlicensed software.		

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

116	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC)	(New clause)	Cybersecurity: Please add this new clause below: Security Incident: For the purpose of this clause, Security Incident means any actual damage to the integrity or security of: (i) the online services available to OIL under this contract; or (ii) the infrastructure or systems on which the services operate or rely upon. A Security Incident includes a Personal Data Breach and any other unlawful or unauthorized access to any data resulting in loss, disclosure, or alteration of the data. OIL must promptly notify Contractor and maintain as confidential any information about: (i) any possible Security Incident caused by the act or omission of OIL and/or a User; (ii) any security vulnerability of the Online Services discovered by OIL and/or a User; and/or (iii) any suspected misuse of the Online Services by OIL and/or a User. Contractor provides the Online Services in accordance with its Privacy Notice (http://www.slb.com/about/privacy.aspx), including the data protection addendum contained therein, and the applicable security standards set out at: https://www.software.slb.com/slb-online-services-security. If there is a Security Incident affecting OIL	Tender to prevail, no change
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
			Data:Contractor will notify OIL about the Security Incident without undue delay upon becoming aware;Contractor may immediately suspend the Online Services, or Users' access without notice and for as long as Contractor, acting reasonably, deems necessary; andContractor may adjust OIL's fees to account for an interruption to the Online Services, provided that the Security Incident was unrelated to OIL's or Users' acts or omissions.OIL will indemnify, defend, and hold harmless Contractor and its Affiliates, officers, directors, employees, successors, and assigns, from and against any and all losses incurred in connection with any claim, suit, action, or proceeding that arises out of or relates to any Security Incident.		
117	SECTION-III: SCC SPECIAL CONDITIONS OF CONTRACT (SCC) Annexure WP & Annexure WS	ANNEXURE-WP: Format of Letter of Appointment to Employee ANNEXURE-WS: Format of Wage Slip	Delete and mark as "Not Used"	-	Not Acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
118	PROFORMA-XVII	Declaration regarding " KEY PERSONNEL"	Delete and mark as "Not Used"	Request OIL to delete this proforma. Bidder will not be able to submit this declaration.	Not Acceptable
119	SLA - SPECIAL TERMS AND CONDITIONS ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND DEEP LEARNING AS A SERVICE	-	The Bidder requests that these T&Cs be marked as "Not Applicable" to avoid duplication and inconsistencies with the SLA set out in Section III (SCC).	The Bidder requests that these T&Cs be marked as "Not Applicable" to avoid duplication and inconsistencies with the SLA set out in Section III (SCC).	Not Acceptable
120	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.1	(Data Ingestion, Validation and Contextualization)	Please confirm whether OSDU schema mapping and OSDU-compliant metadata simply means OSDU aligned.	Our understanding is requirement of OSDU alignment in subject tender.	Confirmed. The requirement is for metadata aligned to OSDU schemas and support for OSDU-aligned data models, governance and lineage.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
121	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.5 (GenAI Agents) and Section 4.3	Generative AI-Powered G&G Domain Agents (Agentic AI)	SOW reference: “Seismic 3D data processing for a. Seismic Data Denoising... b. First Break Picking... c. Automated Velocity Analysis... d. Trace Interpolation...” The SOW lists a “Seismic 3D data processing” agent in Section 4.5 examples. We understand that this agent will interpret and present the results of previously executed batch seismic processing workflows, rather than trigger and orchestrate seismic processing AI workflows on demand. Please confirm.	The functional role of the seismic processing agent (orchestrator vs. interpreter) drives different design patterns and HITL considerations.	Repeat Query. Clarified earlier above.
122	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.2	(Digital Log Validation and QC)	We understand that the digital log QC workflow will run automatically as part of the ingestion pipeline for every newly ingested log. Please confirm.	Automated and on-demand QC have different design and user interface implications.	On-demand as well as automated QC required

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
123	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.5 (GenAI Agents) and Annexure- C, Phase 3	Generative AI-Powered G&G Domain Agents (Agentic AI)	SOW reference: “Below are some the expected GenAI Agents examples, but are not limited to” The SOW lists illustrative agents in Section 4.5 (Prospect Evaluation, Data Quality and Anomaly Detection, Exploration and Development Risk Assessment, Reservoir Engineering, Seismic 3D Processing) and a separate set of four agents in the Phase 3 deliverables (Well Performance Diagnostics, Opportunity Screening for Development and Infill Drilling, Conversational Insight from FDPs, Reservoir Model Insights and Assessment). Please confirm that the four agents named in the Phase 3 deliverables constitute the contractual scope for go-live, and that the illustrative agents in Section 4.5 are indicative examples rather than additional mandatory deliverables.	Required to define the agent development scope unambiguously and to align Phase 3 acceptance criteria with the deliverables list.	Repeat Query. Clarified earlier above.
124	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.5	Generative AI-Powered G&G Domain Agents (Agentic AI)	We understand that any additional agents identified during execution beyond the four Phase 3 deliverables will be treated as change requests. Please confirm.	Required to establish the scope evolution mechanism for agentic AI capabilities.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
125	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.4	Retrieval Augmented Generation (RAG) Conversational Interface	We understand that the document corpus made available through the RAG conversational interface will be jointly curated with the OIL Nominated Team during Phase 1, and that the scope does not include digitization of paper or raster maps into structured geospatial datasets or digitization of paper well logs into LAS/DLIS format. Please confirm.	The corpus scope affects OCR/NLP effort, embedding generation cost, and RAG evaluation scope.	The RAG corpus shall include relevant reports, PDFs, scanned documents, maps, images and other legacy content, including OCR/NLP digitisation as required. Conversion of raster maps into structured geospatial datasets or paper well logs into LAS/DLIS may be mutually agreed during implementation if needed.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
126	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.3, Section 4.8 (Output Validation), Section 7.3 (Integration)	Section 4.3, Section 4.8 (Output Validation), Section 7.3 (Integration)	SOW reference: "Review using Petrel / Kingdom and other equivalent software" We understand that OIL's existing G&G interpretation platforms (Petrel, Kingdom, Techlog, Hampson-Russell, Omega, PaleoScan, Eclipse) will continue to be the authoritative tools for geoscientist-driven interpretation, with their built-in AI capabilities used as part of OIL's established workflows. The new platform under this SOW will consume authoritative interpretations from these tools as governed inputs to downstream AI analytics, dashboards, and agentic workflows, and will provide complementary AI/ML services in areas not already covered by the existing tools. Please confirm.	Confirming the architectural relationship between OIL's existing G&G tools and the new platform is fundamental to defining the AI/ML development scope and integration approach.	Tender to prevail, Not Acceptable. Existing softwares are limited to integration, solution is expected to run its own AI/ML services not just limited to complementary services.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
127	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.3 and Section 10.1	As per SOW	SOW reference: "Curate and label geological training data (well tops, facies, core data)" We understand that validated labelled ground-truth datasets — including lithofacies labels from core descriptions, fault interpretations on the pilot seismic volume(s), horizon picks, and calibrated petrophysical interpretations — are available in structured form within OIL's existing systems, and that label preparation effort by the Bidder is not required. Please confirm.	Label availability and quality directly determines model training feasibility, validation rigour, and Phase 2 timeline.	Curation and labelling of geological training data, including well tops, facies and core data, is within the bidder's scope. OIL will provide available source data; the bidder shall undertake required preparation, curation and labelling.
128	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.7 and Section 4.5	4.7: (Portfolio of Opportunities), 4.5: (Agentic AI)	We understand that OIL will provide a curated set of historical decisions and their outcomes (e.g., previously identified infill candidates with actual post-drill results, workover candidates with realised production uplift) to support evaluation of agent recommendation quality. Please confirm.	Historical decision outcomes are the most reliable basis for evaluating agentic recommendation quality; clarification will define the evaluation methodology.	OIL will provide available historical well reports, drilling/workover records, reservoir studies and related outcome data. Any required curation shall be undertaken during implementation.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
129	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.5 and Section 2	Section 4.5 (GenAI Agents), Section 2 (AS-IS State)	SOW reference: "Reservoir model input parameters, history match analysis review, simulation well constraints with corporate guidelines" We understand that the Reservoir Model Insights agent will interpret previously executed Eclipse simulation outputs (e.g., PRT/SUMMARY files, FUNRST files). Please confirm.	Eclipse integration depth significantly affects the architecture of the reservoir engineering agent and dependencies on OIL's simulation licensing.	Some of the processes quality control is required
130	PART-2 SECTION-II: SCOPE OF WORK (SOW) Section 4.8 and Annexure-C	4.8: Output Validation, Annexure-C: ACCEPTANCE CRITERIA	SOW reference: "Human-in-the-Loop (HITL) review by OIL Nominated Team" Please clarify the operational design of the HITL review workflow, including (a) the composition and approval authority of the OIL Nominated Team for different recommendation categories (e.g., infill drilling vs workover vs production optimisation), (b) the expected review turnaround time, (c) the handling of time-sensitive recommendations when reviewers are unavailable, and (d) whether reviewer roles can be delegated to designated representatives or must rest with specific named individuals.	HITL workflow design materially affects platform usability and the operational viability of agentic recommendations; clarification is required to design appropriate review queues and notification mechanisms.	Not applicable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
131	PART-2 SECTION-II: SCOPE OF WORK (SOW) SCC Section C (Additional Terms and Conditions),	6. (xx) Obligations of Bidder	SCC reference: "Wherever required, Bidder shall take service from MEITY empanelled Cloud Service Providers only" and the related reference "Cloud Service providers must comply with standards such as NIST SP 800-53, and IEC 62443." Since the solution under this SOW is to be deployed entirely on OIL's on-premise infrastructure at FHQ Duliajan with no Cloud Service Provider engagement, we understand that the MeitY-empanelled CSP requirement and the related CSP-specific compliance clauses (NIST SP 800-53, IEC 62443) are not applicable to this contract. Please confirm.	Resolves an internal inconsistency between the on-premise deployment requirement (Section 5.2, Section 6, Section 13) and the cloud-specific compliance clauses in the SCC.	The solution is to be deployed in OIL's on-premise/controlled environment at FHQ Duliajan. Tender revisions to follow to reduce ambiguity

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

132	SOQ/BOQ Section B —	Payment Terms(Phase-wise release percentages)	The Bidder requests that the phase-wise payment release percentages be revised as set out below, with the first payment milestone raised to 65% for Sl. No. 10 (Data Centre Infrastructure) and 65% for Sl. No. 20 (Implementation Manpower), and the balance redistributed across the remaining milestones:Sl. No. 10 — Data Centre Infrastructure: Phase 1: 65% Phase 2: 20% Phase 3: 15% Sl. No. 20 — Implementation Manpower: Phase 1: 65% Phase 2: 20% Phase 3: 15% Sl. No. 30, 40 and 50 to remain as per the tender. The total contract value is unchanged.OIL is requested to issue a suitable amendment to Section B of the SOQ/BOQ.	The entire Data Centre — GPU servers, enterprise storage, networking, UPS, cooling, racks, PDUs, DCIM, electrical panels, cabling and fire suppression — together with all civil works and data ingestion, is required to be supplied, installed and commissioned within 90 days of LOA under BEC Clause 3.8(b). The Bidder therefore incurs effectively the whole hardware cost, including imported GPU servers and associated customs duty, within the first quarter of the contract.Under the tender's schedule only 25% of Sl. No. 10 is released at Phase 1 and 45% by end of Phase 2 (Month 7), leaving the Bidder to carry the majority of the capital outlay unfunded for a substantial period. The mismatch between the mandated delivery date	Repeat Query. Clarified earlier above.
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
				and the payment profile is not commercially sustainable and will be reflected in bid pricing through financing cost. The requested profile aligns cash release with the point at which value is actually delivered and accepted by OIL, without altering the total contract value or OIL's protection, since every release continues to be made strictly against an OIL-approved Phase Acceptance Certificate.	

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
133	SOQ/BOQ	Section B — Payment Terms Sl. No. 40 (Hypercare)	The Bidder requests that the Post Go-Live Support and Hypercare charge (Sl. No. 40) be released quarterly in arrears over the hypercare period (Months 13 to 18), rather than 100% at the end of Phase 6.	Hypercare is a six-month manpower-based service with four full-time resources stationed onsite at FHQ Duliajan plus on-call support, and cost is incurred evenly month on month. A single terminal payment at Month 18 creates an avoidable working-capital burden for a service already rendered and accepted progressively. Quarterly release in arrears is consistent with the AMC payment mechanism already provided in the tender.	Tender to prevail, Not Acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
134	SOQ/BOQ Section B, note (h) and GCC Cl. 27.0	TERMS OF PAYMENT	The Bidder requests confirmation that payment against each Phase Acceptance Certificate shall be released within 30 days of submission of the invoice, and that OIL shall issue or reject the Phase Acceptance Certificate within a defined period (suggested 15 working days) of the Bidder's submission of the phase completion report.	The tender makes every payment conditional on issuance of a PAC but does not stipulate any time limit within which OIL must act on a completion report. Without a defined turnaround, the payment obligation is open-ended and the Bidder carries indefinite exposure on work already completed and accepted in substance.	OIL's comments will be provided within 15 days
135	SOQ/BOQ Cl. 5.1 and 5.2	Annual Maintenance Charges (5 Years post Hypercare)	The Bidder requests confirmation that: (a) the requirement that total AMC charges for 5 years shall not be less than 5% of total contract value applies to the AMC value exclusive of GST; and (b) where the quoted AMC meets or exceeds the 5% threshold, no amount whatsoever shall be withheld from the Data Centre Infrastructure charge under Sl. No. 10.	Clause 5.1 provides for a holdback from the Sl. No. 10 payment where AMC is quoted below the threshold. Confirmation is sought that this holdback mechanism is not triggered where the threshold is met, so that bidders can price the AMC line with certainty.	If AMC charges maintain thresholds, no holdback mechanism shall be triggered

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
136	SoW Cl. 4.3 and Cl. 1	Selection of pilot fields	The SoW states that AI-assisted workflows will be adopted for the processing of seismic data from two selected fields comprising approximately 500 km2 of 3D seismic data, and notes elsewhere that the fields will be selected based on the outcome of the G&G analytics during project execution. The Bidder requests confirmation that: (a) all AI-assisted seismic processing and interpretation workflows are to be implemented on approximately 500 km2 of 3D seismic data across the two selected fields only, and not across the full 5,000 km2 3D and 10,000 LKM 2D inventory; and (b) the two fields will be identified and communicated by OIL by a defined date, which the Bidder requests be no later than the end of Phase 1.	The seismic volume in scope is the single largest driver of compute provisioning, processing effort and schedule. Deferring field selection to during project execution without a fixed date leaves the Phase 2 and Phase 3 critical path undefined and prevents both accurate pricing and reliable scheduling.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
137	BEC Cl. 3.1.1 (a)	' SIMILAR WORK ' mentioned in Clause no. 3.1 above, means “ Experience in G&G Analytics using GenAI with On-Prem/Private Cloud Deployment or similarly controlled enterprise environment (not public cloud inference) ”.	BEC Cl. 3.1.1(a) requires experience in G&G Analytics using GenAI with On-Prem or Private Cloud Deployment, or a similarly controlled enterprise environment, and not public cloud inference. The Bidder requests confirmation of the documentation OIL will accept to evidence the on-premise or private cloud nature of the deployment, and specifically whether a letter from the client confirming the deployment environment, read together with the contract document and completion certificate, will be accepted.	Deployment topology is a technical attribute of a project and is rarely stated in commercial contract documents or completion certificates. Absent confirmation of acceptable evidence, otherwise qualified bidders risk rejection on a documentary technicality. Client confidentiality obligations may also limit what a client is willing to certify.	Any document can be submitted from client for TPIA verification, OIL will accept TPIA verified documents only. Bidder to substantiate the proofs.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
138	SoW Cl. 10.1 (a) (i)	Bidder Manpower Team – Implementation Phase (a) Required Minimum Manpower during Implementation	There is an internal inconsistency in the month-wise manpower deployment table. The role-wise entries, when summed, do not reconcile with the Monthly Total FTEs row printed in the same table, nor with the stated total of 135 FTE-months. Summing the eleven role rows as printed yields 126 FTE-months with a different monthly profile. The Bidder requests that OIL confirm the binding month-wise FTE profile and the total FTE-months to be priced, and issue a corrected table by amendment.	Sl. No. 20 (Implementation Manpower) is a lumpsum item and Note (d) provides that no extra charges are payable for additional deployment. Bidders must therefore price against a single, unambiguous manpower commitment, and a corrected table is required so that all bidders price on a common basis.	Tender to be revised for modifications

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
139	BEC Cl. 3.7 and Annexure-IV	<u>Key Personnel Criteria:</u>	The Bidder requests that the requirement to submit resumes, degree certificates and detailed CVs of the proposed manpower team at bid stage be relaxed, and that it be permitted to submit a signed undertaking confirming the availability of personnel meeting the stipulated qualification and experience criteria, with the actual CVs and certificates submitted for OIL's approval within a defined period after issuance of LOA.	Named individuals cannot realistically be committed and held available across the bid evaluation and award cycle for a 78-month engagement. Requiring named CVs at bid stage disadvantages bidders who resource from a live delivery organisation and encourages submission of CVs that will not ultimately be deployed. OIL's approval right over key personnel is fully preserved under the proposed approach.	Not Acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
140	SCC Section C, Cl. 7 (v)	Bidder to ensure that the proposed CVs for the project are on bidder's payroll for the last one year at least from the original bid closing date.	The Bidder requests that the requirement for the Resident Service Engineer to have been on the Bidder's payroll for a minimum of three consecutive years prior to deployment be relaxed, or in the alternative that service with any entity within the Bidder's group be counted towards this period.	The role is stationed onsite at FHQ Duliajan continuously from Month 3 to Month 78. The three-year continuous payroll condition prevents deployment of a suitably qualified and certified engineer drawn from a group entity, and constrains replacement over a deployment of more than six years during which attrition is inevitable. The Bidder's obligation to provide a fully trained and certified engineer of the stipulated qualification and experience is unaffected.	Accepted, refer corrigendum, relaxed from 3 yrs to 1 yr

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
141	BEC Cl. 3.7.1 (b)	The bidder must engage the number of personnel as mentioned in above table. However, the bidder may enhance the team composition to complete the project on time. Replacement of personnel shall only be considered in special cases like resignation, dismissal from company or death, etc. In such cases personnel must be replaced by another competent person of having equal or more experience than the personnel to be replaced. Acceptance and rejection in this regard will be solely on OIL's discretion. The key Manpower requires prior approval of OIL. The Key Personnel should be stationed at the site to ensure on-time delivery of products. All key personnel must be fluent in English.	The Bidder requests confirmation that the requirement for key personnel to be stationed at site applies to roles whose function requires physical presence, and that the AI Data Scientists, Data Engineers, MLOps / DevOps Engineer and Dashboard / Visualization Engineer may work partly from the Bidder's delivery centres during model development phases, subject to defined onsite presence at agreed milestones, workshops, UAT and acceptance events.	Model development, data engineering and dashboard development are performed against the on-premise environment via secure remote access and do not require continuous physical presence to be executed effectively. A blended model materially widens the pool of specialist AI and geoscience data talent that can be committed to the project. All data continues to reside on-premise at FHQ Duliajan and no data leaves OIL's environment.	Tender conditions shall prevail; onsite presence as noted in the tender is required

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
142	SCC	Perpetual license and OEM support term	The Bidder requests confirmation that: (a) where a commercial large language model is proposed, a subscription or term-based licence sustained by the Bidder for the full contract duration will satisfy the perpetual licence requirement, as frontier commercial models are not available on a perpetual basis; and (b) in respect of hardware, where an OEM's maximum available support term is shorter than 78 months, the requirement to upgrade such components at no cost to OIL is understood to mean provision of support renewal for the balance period rather than physical replacement of the component.	SCC Cl. 6 requires the Bidder to supply software with all perpetual licences, while SoW Cl. 5.2 expressly contemplates the deployment of commercial models. The two requirements cannot both be satisfied in respect of a commercial LLM. Similarly, OEM support for GPU and storage hardware is typically offered in defined terms, and the clause as drafted is capable of being read as requiring replacement of hardware rather than extension of support.	a. The solution is expected to be on-prem development, Bidder to suggest suitable licensing b. Tender conditions to prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

143	SOW p.3 (Cl. 3.2) & SOW p.37-40	The project timeline is 78 months from the Kick-off meeting date, including 12 months for implementation, 6 months for post go-live support & hypercare and followed by a 60-month (5 year) Annual Maintenance Contract (AMC) period.	§3.2(f) fixes implementation at 12 months to Go-Live, but the §11 phases overlap (P1 M1-3, P2 M3-7, P3 M5-9, P4 M7-10, P5 M10-12) and add up to ~16 months. Please confirm: (a) 12 months to Go-Live is the single, binding, LD-bearing milestone and the phase end-months are only indicative; (b) which milestone(s) trigger LD when phases overlap, given payment is per-phase on PAC.	The contract duration is 78 months: 12 months implementation up to Go-Live, 6 months hypercare, and 60 months AMC. Initiation of a phase is indicated by suitable initiation meetings/e-mails. 12 months timeline is sacrosanct, deliverables associated with each phase intend to be completed within the stipulated timeline. Irrespective of overlap, each phase is associated to be completed by a distinct month,
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
					the same to be followed. Please refer image on pg 37 of tender 11.1 “PHASE WISE JOB EXECUTION SCHEDULE PLAN” , the months shouldn't be totalled as per your calculations, overlaps should not be double-counted. The total remains as 12.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
144	SOW p.37-39 /Cl. 11.1	PHASE WISE JOB EXECUTION SCHEDULE PLAN	Phase-1 (M1-3) bundles the full data-centre build (GPU servers, InfiniBand, cooling, civil/electrical) AND complete data ingestion/QC, while Phase-2 starts M3 and depends on both. Request: extend Phase-1 to M1-6, with Phase-2 rebased to start after data-centre readiness. If the 12-month Go-Live is retained, confirm Phase-2 may start on partial data with no LD for hardware/data-provisioning delays outside bidder control. Additionally, OIL is requested to confirm that the mobilization period at SCC Cl. 1 is extended from 30 days to 60 days from the date of the Kick-Off Meeting, consistent with the revised Phase-1 window.		Mobilization period to remain sacrosanct, for delays beyond bidder control penalties will be exempt subject to proper documentation and OIL's approval
145	SOW p.3 (Cl. 3.2) & SOW p.37-40	The project timeline is 78 months from the Kick-off meeting date, including 12 months for implementation, 6 months for post go-live support & hypercare and followed by a 60-month (5 year) Annual Maintenance Contract (AMC) period.	The 12-month schedule is aggressive as its critical path (GPU import, OIL data quality, HITL turnaround) is outside bidder control. Request: extend implementation from 12 to 15 months (phases rebased with float within the envelope, not added end-to-end); hypercare and AMC unchanged. Alternatively, confirm a milestone-relief clause so OIL-side data/HITL and GPU supply delays extend the affected phase without LD.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
146	SOW p.1; SOW p.3; SOW p.6	Clauses as per SOW	Scope is stated only at headline level: '>1,900 wells' (~625 producing), ~500 km ² of 3D out of ~5,000 km ² , OCR of 'all historical reports' with no page count, and fields 'selected during execution'. Please confirm: (a) whether 1,900 is a capability requirement or the actual delivery quantum (wells to ingest vs to model); (b) a frozen pricing basis — log count & format (digital vs scanned), OCR page count, and the 500 km ² volume/quality; (c) the scope-change/rate mechanism if the selection exceeds the bid basis.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
147	SOW p.15 (Cl. 6.3)	Data Architecture & Integration (Bidder's Responsibility)	§6.3 makes the bidder 'solely responsible' for any additional third-party licences and all connectors to integrate with OIL's E&P software (Petrel, Kingdom, Techlog, Omega, Hampson-Russell, PaleoScan, Eclipse, Prosource, ArcGIS). Please provide the application list with versions and available API/SDK access, and confirm whether OIL's existing licences expose the required APIs — i.e. whether vendor connector/SDK licence cost is bidder scope or OIL-provided/reimbursable. OIL is further requested to reconcile SoW Cl. 6.3, which places sole responsibility for all third-party licences on the Bidder, with SCC Cl. 9, which provides that OIL will arrange the SAP integration licences, and to confirm that where an OEM declines to grant integration access or grants it only against a further licence fee outside the Bidder's control, the same shall be treated as a change and not as a Bidder default.		All the connectors/SDK license cost is bidder's scope. OIL shall provide the access for the following existing softwares: (i) Petrel G&G (ii) Petrel RE (iii) Eclipse, (iv) Techlog (v) Omega (vi) ProSource (vii) ArcGIS Pro (viii) GRPC (inhouse software)

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
148	SOW p.42 (Cl. 11.2) And SOW p.41	11.2 Indicative Evaluation Criteria	§11.2 lists indicative targets (regression $R^2 \sim 0.70$, classification F1 $\sim 85-90\%$, first-break picking $\sim 90-95\%$, denoising 'visible SNR improvement') while acceptance is 'primarily on functional usefulness ... not only numeric scores', with payment on PAC. Since inputs are OIL-supplied data of unknown quality, please confirm: (a) whether these targets are binding or guidance; (b) the objective PAC basis and the review/cure SLA; (c) the data-quality carve-out where a target is missed due to input data, not the model.		SoW Clause 11.2 provides indicative component-wise targets to be aligned mutually during implementation Component-wise test datasets, ground truth, measurement methodology and cure requirements shall be finalised before validation. Documented data-quality limitations attributable to OIL-provided inputs shall be considered during evaluation.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
149	BEC/PQC p.11 of 26; SOW p.42	The bidder shall submit an undertaking as per Annexure-III. Additionally, the bidder must provide at least two case studies or benchmark reports from previous deployments demonstrating that their LLM/RAG solution meets the following performance targets for technical or engineering documents: • Hallucination rate <5% • Factual accuracy >95% • Correct source attribution for all grounded responses.	The <5% hallucination / >95% factual-accuracy target is 'indicative' in SOW §11.2 but a hard eligibility requirement in BEC 3.6 (case-study proof required). No test set or measurement method is defined. Please: (a) reconcile whether this is indicative or a binding eligibility/acceptance criterion; (b) if binding, define the measurement protocol — test set and author, query scope (grounded/in-corpora vs open-ended), definition of 'hallucination', and treatment of correct 'not-found' answers (which must not count as hallucination); (c) confirm acceptable evidence for the BEC case-study proof.		BEC to prevail. Measurement protocol and treatment is subject to case study being demonstrated/ submitted. Bidder to provide necessary suitable evidence against the case studies.
150	SOW p.16 (Cl. 7.1)	7.1 Natural Language Interaction Interface (GenAI-Driven)	§7.1 requires the interface to support 'conversational text and voice inputs'. Please confirm (a) whether voice input is mandatory for acceptance or optional		Conversational text and voice input support is included in the interface requirement.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

151	BEC Clause 3.4.1 (IV) (b) read with Clause 3.4.1 (IV) (r)	Consortium Eligibility and Bid Structure	Clause 3.4.1 (IV) (b) provides that members of the consortium “on their own or jointly” shall satisfy the minimum experience requirements stipulated at BEC Clauses 3.1 and 3.2, while the same sentence provides that a member “should not rely on its consortium partners, subsidiary/parent company/co-subsubsidiary or through any other arrangement like Technical Collaboration agreement for meeting the experience criteria”. Clause 3.4.1 (IV) (r) separately provides that the consortium partners should satisfy the experience criteria as per BEC Clauses 3.1 and 3.2 “in their respective domain”. We respectfully submit that these provisions require reconciliation. We request confirmation that, consistent with the words “or jointly” in Clause (b) and with Clause (r), a consortium is duly qualified where one member independently satisfies BEC Clause 3.1 and another member independently satisfies BEC Clause 3.2, each on the strength of its own completed contracts and its own documentary evidence; and that the restriction on reliance contained in Clause (b) is directed at reliance upon a subsidiary, parent company, co-subsubsidiary or technical	-	Yes, clause to be improvised for clarity
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
			collaboration arrangement outside the consortium, and not at the allocation of the two experience criteria between consortium members. We request that this position be confirmed by way of an addendum to the bidding document.		
152	BEC Clause 3.4.1 (IV) (m) read with Clause 3.4.1 (IV) (r)	Consortium Eligibility and Bid Structure	Clause 3.4.1 (IV) (m) requires that qualification documents be furnished by each partner or member of the consortium, clearly bringing out their experience “especially in the form of work in their scope”. We request confirmation that each consortium member is required to furnish qualification documents only in respect of the experience criterion which that member satisfies and the scope of work allocated to it under the Memorandum of Understanding, and that no member is required to independently demonstrate compliance with both BEC Clauses 3.1 and 3.2.	-	Yes, clause to be improvised for clarity

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
153	BEC Clause 3.4.4 read with Clause 3.7 and Annexure-IV	Consortium Eligibility and Bid Structure	Clause 3.4.4 provides that where a contract is awarded on the basis of a bid submitted under Clause 3.4 (I), (II), (III) or (IV), the identified key personnel mentioned at Clause 3.7 and Annexure-IV shall be deployed from the supporting company, JV partner or consortium member on whose technical experience the bidder has been qualified, for the entire implementation period. We request clarification as to whether this requirement applies to all eleven key personnel roles listed at Clause 3.7, or only to those roles which correspond to the experience criterion on the strength of which that member qualified the bid, with the remaining roles being deployable by the consortium leader or by another consortium member in accordance with the distribution of work set out in the Memorandum of Understanding.	-	key personnel should be from the entity of whose technical experience has been borrowed against clause 3.1 of BEC. Clause to be improvised for clarity

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
154	BEC Clause 3.4.1 (IV) (j) read with Clause 3.4.1 (IV) (n)	Consortium Eligibility and Bid Structure	Clause 3.4.1 (IV) (j) requires that the consortium leader and the distribution of work be identified and set forth in the bid, and provides that the same may not be changed thereafter without the consent of the Company. We request confirmation as to whether the distribution of work may be expressed at the level of the principal scope areas allocated to each member — for instance, data centre infrastructure supply, installation and commissioning on the one hand, and G&G analytics and GenAI solution development on the other — or whether a line-item-wise allocation against the Schedule of Quantities is required.	-	Clarified. Bidders to refer to tender clauses.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
155	BEC Clause 3.4.1 (IV) preamble read with Clause 2.1 and PROFORMA-XIII / XIII (A)	Consortium Eligibility and Bid Structure	The preamble to Clause 3.4.1 (IV) requires that the consortium maintain a minimum of 20% local content as stipulated at Clause 2.0. We request clarification as to whether the minimum 20% local content is to be computed and certified at the level of the consortium as a whole, and request confirmation of the form in which the undertaking under PROFORMA-XIII and the statutory auditor or cost auditor certificate under PROFORMA-XIII (A) are to be furnished where the bid is submitted by a consortium — specifically, whether a single consolidated certificate furnished by the consortium leader is acceptable, or whether separate certificates are required from each member.	-	Yes, 20% local content is to be computed and certified at the level of the consortium as a whole, single certificate is acceptable

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
156	BEC Clause 4.7 (i)	Consortium Eligibility and Bid Structure	Clause 4.7 (i) provides that any one of the consortium members should meet the Annual Financial Turnover criterion stipulated at BEC Clause 4.1, and that each of the other members should meet 50% of that criterion. We request confirmation that, where one consortium member meets the Annual Financial Turnover criterion of Rs. 35,46,90,000 in full, each other member is required to demonstrate an annual financial turnover from operations of Rs. 17,73,45,000 only; and further, that the turnover of the relevant India-incorporated legal entity of a member's network is the applicable measure for this purpose.	-	Clarified. Bidders to refer to tender clauses.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
157	BEC Clause 3.4.1 (IV) (f) read with Clause 3.4.1 (IV) (k)	Consortium Eligibility and Bid Structure	Clause 3.4.1 (IV) (f) provides that the Bid Security and Performance Security shall be in the name of the leader on behalf of the consortium, with specific reference to the consortium bid and with the names and addresses of the consortium members. We request confirmation that a Bid Security and Performance Security furnished in the name of the consortium leader, bearing specific reference to the consortium bid and naming all consortium members, satisfies Clause 3.4.1 (IV) (f) in full, and that no separate security instrument is required from any other member of the consortium.	-	Clarified. Bidders to refer to tender clauses.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
158	SCC Clause D.4 read with SoW Clause 11.2	SCC Cl. D.4: SLA LINKED TO OPTIMIZATION TOOL PERFORMANCE SOW Cl. 11.2: Indicative Evaluation Criteria	SCC Clause D.4 prescribes a single accuracy threshold of 90% with a 90% confidence interval, together with penalties of 5% and 10% of the contract value for shortfalls against that threshold. SoW Clause 11.2 provides that the evaluation of AI and GenAI outputs shall depend primarily on functional usefulness, validation by OIL's nominated team, explainability, repeatability and practical adoption, "and not only on numeric scores", and prescribes component-wise indicative targets, namely an R-squared of approximately 0.70 for supervised regression tasks, 85% to 90% accuracy or F1 score for classification tasks, and 90% to 95% for seismic first-break picking measured against manual picks. We respectfully submit that these two provisions cannot be applied concurrently. We request confirmation that the component-wise indicative targets set out at SoW Clause 11.2 shall govern acceptance of the solution, and that SCC Clause D.4 be aligned accordingly by way of an addendum.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
159	SCC Clause D.4	SLA LINKED TO OPTIMIZATION TOOL PERFORMANCE	In respect of the accuracy service level, we request that the Company specify: (a) the applicable performance metric for each AI or ML component of the solution; (b) the reference dataset and the ground truth against which accuracy shall be measured; (c) the mechanism for adjudication of measurement and the authority which shall sign off the measured result; and (d) the parameter to which the 90% confidence interval attaches. We further request confirmation that accuracy shall be assessed only in respect of input data meeting the quality thresholds established under the agreed QC scoring matrix, given that the performance of subsurface analytical models is materially bounded by the quality and completeness of the input data furnished by the Company.		To be mutually decided during implementation phase between OIL and bidder

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
160	SoW Clause 11.2 read with Phase 5 of the execution plan	Indicative Evaluation Criteria	Phase 5 of the execution plan contemplates a blind test conducted on a field selected by the Company. We request that the Company specify the basis on which the field shall be selected, the evaluation criteria and the pass threshold applicable to the blind test, and confirm whether the outcome of the blind test is linked to the accuracy penalty prescribed at SCC Clause D.4.		To be Mutually decided during implementation phase between OIL and bidder

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
161	SoW Clause 4.1 read with Annexure-B and the acceptance criteria at Annexure-C	SoW Clause 4.1: Data Ingestion, Validation and Contextualization	The performance of AI and machine learning models is directly dependent upon the completeness, consistency and quality of the source data furnished by the Company, which under the bidding document is to be drawn from legacy systems including GRPC, the E&P Databank, SAP, ProSource and ArcGIS. We request confirmation that model performance metrics and the acceptance criteria set out at Annexure-C shall be evaluated only in respect of source data which has passed the agreed data quality thresholds, and that any deficiency in model performance arising from incomplete, inconsistent, unavailable or poor-quality source data shall be excluded from performance evaluation and from the computation of any penalty.		Any delays arising due to conditions beyond the control of bidder shall be exempt from penalties subject to proper documentation and approval by OIL

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

162	BEC Clause 3.8 (b)	Additionally, the bidder must confirm in its technical bid that it shall complete the Data Centre – including supply, installation and commissioning of all hardware components (GPU servers, enterprise storage, networking switches, UPS, cooling units, racks, PDUs, DCIM, electrical panels, cabling, fire suppression systems, etc.), completion of all electrical works (cabling from feeder point to UPS/electrical room, LT panels, earthing, etc.), completion of all civil works of the data centre room (fire-rated painting, false ceiling, glass partition, fire-rated door, cable management, etc.), as well as data ingestion, validation, contextualisation and metadata tagging - within 90 (Ninety) days from the date of Letter of Award (LOA), and submit the corresponding completion report for acceptance by OIL within the same period.	Clause 3.8 (b) requires the bidder to confirm completion of the entire data centre, together with data ingestion, validation, contextualisation and metadata tagging, within 90 days from the date of the Letter of Award, with a completion report accepted by the Company within the same period. We respectfully submit that the scope comprised within Phase 1 — comprising the supply, installation and commissioning of GPU compute infrastructure, enterprise storage, networking, uninterruptible power supply and battery systems, precision cooling, electrical panels and cabling, fire detection and suppression and DCIM systems, together with the associated civil works and the ingestion and contextualisation of the Company's subsurface data — cannot reasonably be completed within 90 days, having regard to prevailing original equipment manufacturer lead times for GPU platforms of the specified configuration and to the logistics of the project site. We request that this period be extended to 150 days from the date of the Letter of Award. We further request confirmation that,		Repeat Query. Clarified earlier above.
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
			in any event, the Phase 1 period shall commence only upon fulfilment by the Company of the following preconditions, whichever occurs latest: (a) handover of the designated server room and associated areas at Field Headquarters, Duliajan; (b) availability of raw power supply to the room as contemplated by the Scope of Work; (c) availability of network accessibility to the Company's source systems; (d) grant of physical access permissions and security clearances for the deployed personnel; and (e) grant of access to the Company's data in the formats contemplated by the bidding document. We respectfully submit that liquidated damages should not accrue in respect of any period during which these preconditions remain unfulfilled.		

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
163	SoW Clause 13.1	HARDWARE REQUIREMENTS	SoW Clause 13.1 specifies GPU servers configured with NVIDIA B300 SXM accelerators and states that the hardware requirements are mandatory and non-negotiable. We request confirmation as to whether an equivalent or successor NVIDIA SXM platform of comparable or superior specification would be acceptable to the Company, in the event that allocation of the specified platform, or export clearance in respect of an end user in India, is not obtainable within the project timeline.		Acceptable if it satisfies tender requirements, equivalent or higher side is allowed

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
164	SoW Clause 13 read with GCC Clause 30.0 and the liquidated damages provisions	SoW Clause 13: DATA CENTER INFRASTRUCTURE GCC Clause 30: Liquidated Damages	The hardware specified at SoW Clause 13 comprises GPU compute platforms and associated networking of a configuration subject to global allocation by the original equipment manufacturer and, in certain cases, to export licensing. We request confirmation that any delay in the delivery, installation or commissioning of the specified hardware which is attributable to global original equipment manufacturer allocation constraints, export licensing or approval delays, or restrictions arising from geopolitical or trade measures, and which is not attributable to any act or omission of the contractor, shall be treated as an excusable delay, and that the corresponding period shall be excluded from the computation of liquidated damages under the contract.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
165	SoW Clause 4.1 read with Annexure-B	Data Ingestion, Validation and Contextualization	We request that the Company furnish indicative data volumes in respect of each source system identified in the bidding document, together with an indication of the approximate proportion of the legacy document corpus which will require digitisation by optical character recognition and natural language processing. We further request confirmation that the Company shall make all data available at the time of kick-off in the formats set out in the bidding document.		Repeat Query. Clarified earlier above.
166	SoW Clause 3.2 (a) read with Clause 4.1	3.2 (a) Ingestion and contextualization of structured and unstructured G&G data and reservoir engineering data, which can be further governed, standardized, and accessed through OSDU (Open Subsurface Data Universe) - compliant services. 4.1 Data Ingestion, Validation and Contextualization	The Scope of Work records that isolated systems will be integrated into a unified data lake, and that such integration falls within the scope of the CCC initiative. We request confirmation as to whether the unified data lake will be available at the time of kick-off of this contract, and request clarification of the boundary between the scope of the CCC initiative and the data ingestion scope of the present contract, given that Phase 1 of this contract is subject to a fixed completion period.		Tender to revise, independent solution

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
167	SoW Clause 10.1 a. (i)	Expected Month-Wise Manpower Deployment Table	The Expected Month-Wise Manpower Deployment Table does not reconcile internally. The eleven role-wise rows, as printed, aggregate to 126 FTE-months, whereas the “Monthly Total FTEs” row and the legend beneath the table both state a total of 135 FTE-months. The variance arises in four columns: at M2 the role-wise rows aggregate to 5 against 8 stated; at M3 to 9 against 12 stated; at M4 to 11 against 12 stated; and at M6 to 10 against 12 stated. All remaining columns reconcile. As Sl. No. 20 of the Schedule of Quantities is a lumpsum item priced against this table, and as BEC Clause 3.7 renders the deployment contractually binding, we request confirmation as to which basis shall govern, and request that a corrected table be issued by way of an addendum, so that all bidders price on a common basis.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
168	BEC Clause 2.1	The bidder must be incorporated in India and must maintain more than or equal to 20% local content (LC) for the offered services to be eligible to bid against this tender.	We request clarification as to the treatment of imported hardware in the computation of local content — specifically, whether the value of imported GPU servers, enterprise storage and networking equipment is excluded from the denominator for the purpose of computing the local content percentage, and whether installation, civil works, systems integration, manpower and annual maintenance services executed in India are counted towards local content.	-	LC to be calculated as per circular MoP&NG Order No. FP-20013/2/2017-FP-PNG-Part (4) (E-41432) dated 26th April 2022 (including subsequent amendments thereof, if any) s
169	D. Schedule of quantities and commercial terms	Schedule of Quantities — Clause 5.1	Clause 5.1 provides that where the quoted five-year annual maintenance charges are lower than 5% of the total contract value, the differential shall be withheld from the Data Centre Infrastructure line item at Sl. No. 10 and released with the final quarterly AMC payment. We request confirmation that where the quoted five-year annual maintenance charges are equal to or exceed 5% of the total contract value, no withholding whatsoever shall apply against Sl. No. 10.	-	No withholding to apply if the M&S thresholds are met

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

170	Schedule of Quantities, Sl. No. 50 read with SoW Clause 12 and Clause 13	Annual Maintenance Charges	The Scope of Work requires the contractor to maintain original equipment manufacturer warranty and support, and to provide software updates and enhancements, throughout the annual maintenance period of sixty months. The Schedule of Quantities provides a single lumpsum line item at Sl. No. 50 in respect of annual maintenance charges. We request confirmation that all original equipment manufacturer hardware support subscriptions, firmware subscriptions, software subscriptions, licences (including cluster management, workload management and AI software platform licences) and support renewals required during the sixty-month annual maintenance period are to be included within the annual maintenance line item at Sl. No. 50, and that no separate line item or separate pricing is required or permitted in respect of the same. We further request confirmation as to whether such subscriptions and licences during the implementation and hypercare periods are to be included within the Data Centre Infrastructure line item at Sl. No. 10.	-	Yes, it has to be included in the M&S cost. No separate line item will be provided. Tender details to prevail.
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
171	SoW Clause 10.2 read with SCC Clause A.7	SOW 10.2 (Notes on Manpower) SCC A.7 (Provision of Personnel Activities)	The bidding document places boarding, lodging and transport of deployed personnel within the bidder's scope for the full contract duration. We request confirmation as to whether the Company will make accommodation available at Field Headquarters, Duliajan for the resident onsite team on a chargeable basis for the 78-month contract term, and if so, request an indication of the applicable charges.		Boarding, lodging and transport remain in the bidder's scope. OIL accommodation is not committed in the tender.
172	BEC Clause 3.1 read with Clause 3.1.1	Criteria for Experience in AI/ML/GenAI:	We request confirmation as to whether a completed engagement executed for a national or international oil company, covering at least four of the six capabilities enumerated at Clause 3.1.1 (b) under a single contract, qualifies as "similar work" for the purposes of Clause 3.1. We further request confirmation as to whether deployment within a private cloud environment in a customer-controlled tenancy satisfies the on-premise deployment requirement of Clause 3.1.	-	BEC to prevail, deployment within private cloud environment in a customer controlled tenancy satisfies the on-premise deployment requirement will not suffice

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
173	BEC Clause 3.6 (xii)	The bidder shall submit an undertaking as per Annexure-III. Additionally, the bidder must provide at least two case studies or benchmark reports from previous deployments demonstrating that their LLM/RAG solution meets the following performance targets for technical or engineering documents: • Hallucination rate <5% • Factual accuracy >95% • Correct source attribution for all grounded responses.	Clause 3.6 (xii) requires the submission of at least two case studies or benchmark reports from previous deployments demonstrating a hallucination rate below 5%, factual accuracy above 95% and correct source attribution for grounded responses. We request confirmation as to the acceptable form of such evidence where client confidentiality obligations preclude disclosure of a client-attributed case study — specifically, whether internal benchmark reports certified by the bidder are acceptable. We further request confirmation that, in the case of a consortium bid, such case studies or benchmark reports may be furnished by the consortium member responsible for the corresponding scope of work.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

174	BEC Clause 3.2 read with Clause 3.3.1 (iv)	Experience criteria and documentation 3.2 Criteria for Experience in Data Centre Infrastructure: 3.3.1 (iv) Work executed by a bidder for its own organization/parent subsidiary/co-subsidiary/sister-subsidiary/Joint Venture cannot be considered as experience for the purpose of meeting BEC.	Clause 3.2 requires that the bidder have successfully completed or executed at least one Data Centre, or project of a similar nature, under a single contract during the last seven years, for a Central Government organisation, State Government organisation, Public Sector Undertaking, State Government Enterprise, Public Limited Company in India, or an entity in the Oil & Gas or E&P industry. Clause 3.3.1 (iv) provides that work executed by a bidder for its own organisation, parent subsidiary, co-subsidiary, sister-subsidiary or Joint Venture cannot be considered as experience for the purpose of meeting the Bid Evaluation Criteria. We request the Company's confirmation on the application of Clause 3.3.1 (iv) to the following fact patterns, each of which involves delivery to an external end client: (a) a Data Centre project executed by the bidder under a single contract with an external client falling within one of the categories listed at Clause 3.2, where an affiliate of the bidder was engaged as a sub-vendor or equipment supplier to the bidder for a portion of the works. We submit that such work qualifies, the contract and the end client being third party, and request confirmation to that effect; (b) a Data Centre facility	-	Experience for own/sister company is not considered
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
			established by the bidder and operated on a commercial basis, from which services are delivered to external customers under separate commercial contracts with those customers. We request confirmation as to whether such a facility is treated as work executed for the bidder's own organisation within the meaning of Clause 3.3.1 (iv), or as qualifying experience by reference to the services delivered to those external customers. We further request the Company to clarify the scope of the expression "any project of similar nature" at Clause 3.2, and to confirm that a High Performance Computing or AI-ready server room or computing facility, comprising the racks, compute and GPU servers, enterprise storage, networking, uninterruptible power supply, precision cooling, electrical works, fire detection and suppression, DCIM and associated civil works contemplated by Clause 3.2, qualifies as a project of similar nature notwithstanding that the contract may not have been designated a Data Centre project.		

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
175	SCC Clause D.5 (6)	Uptime SLA of the solution is 99.95 %.	SCC Clause D.5 (6) prescribes an uptime commitment of 99.95% across the data ingestion pipelines, the analytics and optimisation execution layer, dashboards, reports, simulation interfaces and exposed application programming interfaces. We request confirmation that the uptime commitment shall be measured net of downtime attributable to Company-provided facilities, raw power supply, network, source systems and scheduled maintenance windows. We further request confirmation as to whether a disaster recovery site or secondary site is envisaged within the scope of this contract, the Schedule of Quantities providing for a single site at Field Headquarters, Duliajan.		The 99.95% uptime shall be measured for the Contractor-supplied solution stack, excluding downtime attributable solely to OIL-provided power, network, facilities, source systems, approved scheduled maintenance and force majeure. No disaster recovery or secondary site is envisaged; the scope is limited to the single site at FHQ Duliajan.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
176	SCC Clause D.5 (13) (c) read with GCC Clause 16.0	Additional Penalties for VAPT/ Data Breach:	SCC Clause D.5 (13) (c) provides that a data breach or security lapse attributable to the bidder shall attract a penalty equivalent to 100% of the quarterly AMC charges, together with mitigation costs and damages incurred by the Company, and that this liability shall fall outside the general quarterly cap on service level penalties. We request that liability under this provision be confined to breaches directly attributable to the proven negligence of the contractor; that “mitigation costs and damages” be quantified and subjected to a cap; and that this liability be brought within the overall limitation of liability prescribed at GCC Clause 16.0.	-	Not acceptable, no change

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
177	SoW Clause 12 (5)	Bidder must provide software upgrades, updates, software enhancements at no extra cost to OIL within two (2) weeks from the date of release.	SoW Clause 12 (5) requires the contractor to provide software upgrades, updates and enhancements at no additional cost within two weeks of their release, throughout the annual maintenance period. We request that this obligation be confined to the contractor's own deliverables, and that third-party and original equipment manufacturer software be governed by the release, support and licensing terms of the respective vendor, such release schedules not being within the contractor's control.		Bidder to provide.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
178	SoW Clause 11, note (d)	Intellectual Property Rights	The bidding document provides that all customised source code, configurations, connectors, workflows, project documentation, fine-tuned model weights and AI-generated outputs created for the Company shall be the sole property of the Company. We request confirmation that the Company's ownership of fine-tuned model weights extends to weights derived from open-weight base models or from base models owned by the contractor, and that base models licensed from third parties shall continue to be governed by the applicable licence terms of the respective licensor, certain commercial model licences restricting the transfer of derived weights.		Project-specific customised source code, configurations, connectors, workflows, documentation, fine-tuned model weights and AI-generated outputs created for OIL are to be OIL's property.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

179	BEC Clause 3.6 (viii) and Annexure-III read with SoW Clause 11, note (d)	Contractual terms and conditions	SoW Clause 11, note (d) provides that the Company shall retain the Intellectual Property Rights in project-specific deliverables created specifically for the Company, and expressly provides for clarity that “the Bidder shall retain ownership of its pre-existing tools, frameworks, libraries, methodologies and generic know-how, except to the extent specifically customized for OIL under this contract”.BEC Clause 3.6 (viii) requires the bidder to furnish an undertaking in the form of Annexure-III specifically confirming that all customised source code, configurations, connectors, workflows, project-specific documentation, fine-tuned model weights and AI-generated outputs created for the Company shall be the sole property of the Company. Annexure-III as prescribed does not carry the corresponding reservation of the bidder’s pre-existing rights, while BEC Clause 3.5 requires unqualified compliance and renders any deviation liable to rejection.We request confirmation that the undertaking at Annexure-III is to be read subject to, and does not derogate from, the reservation of the bidder’s pre-existing rights recorded at SoW Clause 11, note (d); alternatively, we request that Annexure-III be amended by way of an	-	Repeat Query. Clarified earlier above.
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PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
			addendum to record that ownership vests in the Company in respect of project-specific customisations, configurations, connectors, workflows, fine-tuned artefacts and deliverables developed specifically for the Company under this contract, and that the bidder's pre-existing frameworks, accelerators, reusable libraries, methodologies and proprietary assets shall remain the property of the bidder.		

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
180	Forwarding Letter, Clause 19.0 read with Clause 19.2 and Clause (xix)	Pre-bid meeting arrangements	Clause (xix) of the Forwarding Letter designates the Corporate Office of the Company at Noida as the venue for the pre-bid conference to be held on 03 September 2026. Clause 19.2 requires that a bidder furnish the details of its representatives at the time of submitting queries, provides that only those persons shall be permitted to attend, and limits attendance to two persons per bidder. We request confirmation as to whether the Company will permit attendance at the pre-bid conference by video conference or other virtual means, in addition to attendance in person; and if so, request that the joining details and the procedure for nominating representatives for virtual attendance be intimated in advance of the conference. We further request confirmation as to whether, in the event virtual attendance is permitted, the limit of two representatives per bidder prescribed at Clause 19.2 shall apply equally to virtual attendance.		NA

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
181	13.E - Enterprise Storage	Configured with 2 nos. of IB Connectivity Port per controller (All ports must be supplied with matching Ports).	Configured with 2 nos. of IB or 2 nos. of 100GbE Ethernet RoCE Connectivity Port per controller (All ports must be supplied with matching Ports).	As the Storage asked by OIL India Ltd is a Scale-out NAS capable of hosting NAS workloads generally accessed over a Ethernet network though IB can also be used a connectivity option. Both can utilize RDMA access while ethernet RoCE can extend the benefits of using standard ethernet infrastructure making it simpler and cost effective to manage. IB connectivity on Scale-out NAS is a rarity and only available with one OEM. Hence we request to modify this clause to allow both connectivity options to be accepted so as to qualify wider OEM offerings.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
182	13.E - Enterprise Storage	The offered solution should be fully protected against any failure of disks, Storage nodes, Controllers & Network.	The offered solution should be fully protected against any single component failure of disks, Storage nodes, Controllers & Network.	This modification is requested to further explain the clause requirement in regards to No Single point of failure architectures to qualify only.	Tender revisions to follow, please refer corrigendum
183	13.E - Enterprise Storage	The Storage must provide encryption feature so that Security data must be securely encrypted.	The Storage must provide encryption feature so that data must be securely encrypted both At Rest and In motion.	Encryption of data not only while writing on the disk but also while the data is flowing over the network is critical to improve security features on a storage system.	Bidder to be guided by existing terms and conditions

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
184	13.E - Enterprise Storage	Protection from ransom ware Security must be ensured.	Offered Storage solution should be configured with capability to proactively detect ransomware attacks and protect data automaticlly upon any ransomware attacks.	Ransomware protection only is a insufficient and complex solution, however having capability to proactively detect an attack and instantly take automatic action to protect data not only ensures higher data protection and better RPO but also simplifies admin efforts. Ransomware attacks are a real threat in current IT landscape any Analytics or AI initiative is not complete without end to end data security at every level including the data magement layer hadleled by Storage Systems.	The minimum specification is asked and bidders are free to provide additional capacibilities/fea tures for data protection.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
185	13.E - Enterprise Storage	The offered Solution shall have support and licenses configured for below: 1. Synchronous and Asynchronous data replication to remote storage system. 2. Storage level Replication to and from all 3 hyperscalers (AWS, Azure, GCP)		Storage level replication can be used for moving data securely and efficiently between on-premises and hyperscaler clouds, when customers want to develop generative AI in clouds with RAG containing enterprise data. It efficiently transfers only changes, saving bandwidth and speeding replication, thus bringing essential data mobility features during the operations of training, re-training, and fine-tuning of FMs or LLMs.	Bidder to be guided by existing terms and conditions

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
186	4.7 CONSORTIUM COMPANIES 4.1 Annual Financial Turnover from Operation	Annual Financial Turnover from Operation: Any one of the Consortium members should meet the Annual Financial Turnover Criteria stipulated in BEC Clause No. 4.1 and each of the other members of the Consortium should meet 50% of financial turnover criteria stipulated in BEC Clause No. 4.1.	As per BEC Clause No. 4.1, the required annual financial turnover is ₹35,46,90,000. For Consortium members, it is mentioned that one member should meet the full turnover criteria and each other member should meet 50% (₹17,73,45,000) of the criteria. We request the Department to kindly clarify whether the ₹17,73,45,000 turnover requirement for each other Consortium member should be achieved in any one of the preceding three financial years, or whether it is to be considered based on the average/cumulative turnover of the three financial years.	-	Tender to prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
187	BEC Clause / Section 3.1 vs. 3.2	Clause / Section 3.2 accepts prior experience from any Central/State Govt. org, PSU, State Govt. Enterprise, or Public Ltd. Company in India, or Oil & Gas/E&P Industry. Clause / Section 3.1 restricts qualifying "Similar Work" to Oil & Gas/E&P Industry only.	Could OIL clarify whether this narrower scope under Clause / Section 3.1 is intentional? Would OIL consider accepting large-scale GenAI/RAG/Agentic-AI deployments (meeting the ≥4-of-6 capability bar under Clause / Section 3.1.1(b)) for any Central/State Govt. org, PSU, State Govt. Enterprise, or Public Ltd. Company in India — consistent with Clause / Section 3.2's broader scope?	-	BEC to prevail; accepting large-scale GenAI/RAG/Agentic-AI deployments
189	BEC Clause / Section 3.4.1.I V(b) vs. (r)	§3.4.1.IV(b) says Consortium members may satisfy Clause / Section 3.1/§3.2 "on their own or jointly ." Clause / Section 3.4.1.IV(r) says partners must satisfy the criteria "in their respective domain."	Could OIL clarify the intended reading: (a) different members each independently hold the full experience for Clause / Section 3.1 vs Clause / Section 3.2 separately; or (b) two or more members may jointly/collectively meet the "at least four (4)" capability threshold under Clause / Section 3.1.1(b), each evidencing a subset?	-	a> 3.1 should be held by 1 distinct entity independently. 3.2 should be held by another distinct entity independently. b>Should be met by 1 entity against 1 contract

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
190	BEC Clause / Section 3.1, Note (v)	Subcontracted experience is excluded under Section 3.1/3.2, except the Data Centre Infrastructure component under Section 3.2 (nominated subcontractor allowed).	Could OIL confirm whether any of Clause / Section 3.1.1(b)'s six technical-capability items could similarly be executed via a nominated subcontractor, analogous to the Clause / Section 3.2 carve-out?	-	Not allowed, BEC to prevail
191	BEC Clause / Section 3.1	Qualifying work must be "successfully completed" within 7 years.	For a currently ongoing engagement that has substantially executed the required scope, would OIL consider the executed-to-date portion as acceptable evidence, subject to an end-client-certified breakup of work performed?	-	BEC to prevail, not accepted
192	SOW	SLA Metrics	1. Define the accuracy metric for the AI SLA: specify which prediction (schedule delay, cost at completion, risk classification), which statistical measure (MAPE, RMSE, F1, hit-rate within tolerance), over which forecast horizon, and on which test dataset. Please also confirm what "90% confidence interval" qualifies		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
193	SOW	Historic Data	2. Requesting state, before bid closing: the number of completed capital projects available for training , the years of history available, which systems hold that history, and the completeness of the cost, schedule and progress fields. Will OIL accept that the accuracy SLA applies only after joint validation that the supplied historical data meets the agreed profiling and quality benchmarks referenced in SOW 3.2?		Not relevant
194	E. Enterprise Storage -1 Nos Controllers	Minimum 2 controllers in configuration with automatic failover capabilities and no single point of failure for redundancy.	Minimum 3 controllers in configuration with automatic failover capabilities and no single point of failure for redundancy. Controllers should be stateless controller for faster failover and higher uptime. The offered high-performance platform should be scalable to at least 16 x front-end controllers or higher.	Reason for Change: Dual Controller for General purpose storage is ok but Since Storage is primarily going to be use for AI services hence it is important that Controllers for Storage shall be sized accordingly.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
195	E. Enterprise Storage -1 Nos Onboard Memory (Cache)	The offered storage solution to be configured with minimum 128 Gb Cache	The offered each storage controller to be configured with minimum 512GB Memory/Cache and 64 Cores per controller. Must have redundant secure SED boot drives per controller.	Reason for Change: Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly. Most of the caching operations for the AI operations in Oil India environment would happen at GPU level however due to higher ingestion ratio or more concurrent users and while keeping no degradation of performance – Caching engine of GPUs cards	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
196	E. Enterprise Storage -1 Nos Storage Capacity	The ratio of NVMe SSD to SAS/NL SAS/SATA drives should be 50:50 (i.e, 200 TB NVMe SSD Performance tier and 200 TB SAS/ NL SAS/SATA Tier)	Storage system must be All NVMe based Storage. Each drive should be accessible to every controller.	Reason for Change - Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly. Since all check pointing and versioning Operations are going to heavy performance oriented hence it is important that entire capacity shall be provisioned directly on the NVMe storage only, having SATA / NL-SAS might impact the overall inferencing output.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
197	E. Enterprise Storage -1 Nos Disk Type	NVMe oF NL SAS/SATA oF	All configured TLC NVMe SSD drives should be visible to all front-end controllers and failure of any front-end controller should not reduce the overall usable capacity of the configured storage.	Reason for Change - Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly. Since all checkpointing and versioning operations are going to heavy performance oriented hence it is important that entire capacity shall be provisioned directly on the NVMe storage only, having SATA / NL-SAS might impact the overall inferencing output.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
198	E. Enterprise Storage -1 Nos Protocols	Native support for CIFS, NFS on same controller.	Native support for NFS and S3 on same controller.	Reason for Change - Since Storage is primarily going to be use for AI services hence it is important that Cache for Storage shall be sized accordingly and all mentioned models depicted in the RFP are going to use either S3 or NFS protocol only. AI storage primarily designed to use S3 and NFS protocols.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
199	E. Enterprise Storage -1 Nos Front end Ports	Configured with 2 nos. of IB Connectivity Port per controller (All ports must be supplied with matching	Configured with 2 nos. of 100GbE/IB Connectivity Port per controller (All ports must be supplied with matching Transceivers/connectors.	Reason for Change -The communication between GPU Servers requires IB ports but communication with storage would be with 200GbE (2x 100GbE Ports). hence servers are also asked with IB ports and 200/100Gbe Ethernet Ports for both. Hence request to change.	Repeat Query. Clarified earlier above.
200	E. Enterprise Storage -1 Nos File Sharing & Data Security	Should allow simultaneous access to the same file/data using different protocols like NFS, CIFS etc. for data sharing between multiple hosts.	Should allow simultaneous access to the file/data using protocols like NFS and S3. for data sharing between multiple hosts.	Reason for Change - Since Storage is primarily going to be use for AI services and all mentioned Models depicted in the RFP are going to use either S3 or NFS protocol only. AI storage primarily designed to use S3 and NFS protocols.	Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
201	E. Enterprise Storage -1 Nos File Sharing & Data Security	File Locking must be provided for Data protection from corruption while sharing files between multiple hosts.	File/Object Locking must be provided for Data protection from corruption while sharing files between multiple hosts.		Repeat Query. Clarified earlier above.
202	E. Enterprise Storage -1 Nos Management Interface software	The solution should support the management, administration and configuration of the complete storage platform through a single GUI based management	The solution should support the management, administration and configuration of the complete storage platform through a Web		Repeat Query. Clarified earlier above.
203	E. Enterprise Storage -1 Nos Special clauses	The storage should be provided with deduplication or equivalent features.	The storage should be provided with deduplication or compression features.		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
204	Clause 2.0 (x) & (xi) ITB Clause 9.0	EMD / Bid Security: ₹2,28,87,000.00 valid up to 01.03.2027.	Request for Reduction / MSME Exemption: Requesting OIL to reduce the EMD amount or allow exemption/relaxation for MSME/NSIC registered entities as per standard Government procurement guidelines. Alternatively, confirm if partial split BG/Surety bond is allowed.	High initial capital block for a single-stage tender reduces competition for mid-tier Indian IT/Analytics firms.	MSE exemption from Bid Security is not applicable. Only Central/State Government Departments and PSUs are exempt under ITB Clause 10.0.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
205	Clause 2.0 (xiii)	Performance Security: Part-A: 10% of cumulative contract cost for Implementation & Hypercare. Part-B: 3% of cumulative cost for AMC.	Request for PBG Reduction: Requesting to reduce Part-A PBG from 10% to 3%-5% in line with Department Expenditure (MoF) guidelines for procurement of service contracts. Also, request clarification on whether Part-A PBG will be released immediately upon successful completion of Hypercare	10% PBG requirement creates severe working capital lock-in for 18 months of implementation/ Hypercare	Not Accepted The Performance Bank Guarantee (PBG) mandates of 10% for Part-A (Implementation & Hypercare) and 5% for Part-B (AMC) are non-negotiable. These thresholds are structured to secure end-to-end execution risk, and the retention timelines stand firmly as defined in the original RFP conditions
206	Clause 2.0 (xvii) & GCC Clause 30	LD for default in timely mobilization/completion	Request for LD Cap and Exclusions: Please confirm that total Liquidated Damages for delays will be capped at a maximum of 5% to 10% of the Implementation Contract Value (Part-A)	Prevents exposure to uncapped financial penalties due to external dependencies or data readiness delays on the client side	Tender conditions to prevail

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
207	Payment Terms	Payment Milestones & Release Schedule	Request for Milestone Payment Breakup: Please provide a detailed payment schedule against deliverables during the 12-month implementation phase (e.g., SRS Approval, Prototype/PoC, Phase 1 Go-Live, Final Go-Live) to ensure smooth operational cash flow during implementation.		Tender conditions to prevail
208			Our technical partner Geoplat.AI is a company that has strong, commercial and production environment proven AI/ML/DL solutions for a specific part of SOW: seismic data conditioning, fault detection, horizon correlation, seismic facies classification, etc. We intend to offer our product and expertise for this particular block of problems to other bidders. Do we have to chose one or can we propose the same to several bidders?		Not relevant

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
209			Geoplat.ai's product is licensable software. We understand that any custom code built on top of it, or custom trained AI models will become OIL IP as a result of the project delivery. How do we ensure that the core, i.e existing IP remains in our ownership?		OIL has a different policy for licensed software, not relevant to this solution
210			Does the criteria of Similar work in at least 4 out of 6 solution categories apply to the all Consortium members/ subcontractors? Or just the General contractor and actual bidder?		Under consortium work experience under 3.1 should be met by 1 single entity
211	SCC	D.4 SLA Linked to Optimization Tool Performance	Since AI/ML model performance depends significantly on data quality, completeness, labeling consistency and domain variability in OIL datasets, kindly clarify: • Accuracy will be measured against which benchmark dataset? • What is the exact validation methodology? • Who prepares the ground truth? • Will accuracy be measured fieldwise, basin-wise, or overall? • Can model acceptance be based on mutually agreed validation datasets established during Phase-1?		To be provided during implementation

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
212	Call-off / Termination by Phase	OIL may terminate at the end of any completed phase and pay for accepted work performed up to that point.	Please confirm payment for all delivered hardware, committed non-cancellable OEM orders, accepted work-in-progress, demobilization and unavoidable termination costs. Please clarify ownership and support obligations for partially completed phases.		Clarified during prebid
213	NA	Scope of Work	Please provide guidance / detail on the expected user base, user personas, and peak concurrent usage to properly size the infrastructure and software architecture.		Will be decided mutually, around 50 team members will be using concurrently. License will be provided as per no. of users by Bidder - OIL will review and revert back
214	SCC	“Date of Commissioning” specifically targets the hardware and data centre infrastructure readiness, which is required within 90 days from the Letter of Award	Please confirm that 90-day completion timeline shall be extended on account of: • Import delays • OEM manufacturing lead times • Customs clearance delays • Site readiness delays • Approval delays by OI		Repeat Query. Clarified earlier above.

PRE-BID QUERIES AND OIL's RESPONSES: TENDER No. CDH2624P27

Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
215	Terms of Reference, Technical Specifications & Scope of Work (SOW)	10. Manpower Requirements: a.(i) Expected Month-Wise Manpower Deployment Table (For Implementation, Months 1-12)	Please confirm if the expected month-wise manpower deployment is required at FHQ Duliajan.		Yes onsite requirement
216	SOW	Completion of installation and commissioning checks, site-readiness review, as-built drawings / layouts, and joint inspection by OIL and the Bidder.	Kindly define site handover criteria and confirm that project timelines will commence only after written site readiness certification by OIL.		Will be discussed during Kick-off meeting, bidder is encouraged to visit site
217	SOQ/BOQ	Payment Terms	Since infrastructure CAPEX is substantial, kindly consider milestone-based payments within Phase-1 for: • Hardware delivery • Hardware installation • Infrastructure commissioning		Tender to prevail
218	SOW	48. Call-off Provision	In the event OIL exercises the phase-end call-off provision, please confirm contractor shall be reimbursed for: • Delivered hardware • Licenses • Infrastructure investments • Committed third-party costs • Work completed and accepted		Not relevant

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
219	SOW	47. Bidder needs to train and transfer knowledge to OIL and ensure continuity and performance of Services post expiry. The Bidder shall formulate a practical transition plan and hand over necessary source code, model artefacts, configuration manuals, and administrative access credentials to OIL upon exit.	Kindly clarify that pre-existing bidder IP, products, frameworks, accelerators, algorithms, model architectures, connectors and reusable software components shall remain bidder property and only project-specific customizations developed exclusively for OIL shall be transferred.		Affirmed (Refer to clause no 11.1 under note no. d) of the SoW)
220	SOW	Integration	Please confirm that OIL shall provide all API access, database access, schemas, technical documentation and vendor support necessary for integrations without additional responsibility on contractor.		Repeat Query. Clarified earlier above.

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
221	SoW Clause 4.1, 5.0 & Clause 13.1	<i>"Data Ingestion... structured G&G data, seismic data (2D & 3D), digital well logs, unstructured geological reports... Enterprise Storage: 400 TB total usable capacity..."</i>	Historical Data Volume & Storage Split: 1. What is the total historical data volume (in TBs) across each data source (GRPC, E&P Databank, ProSource, EDM, file systems) to be ingested during Phase 1? 2. What is the breakdown between Structured data (RDBMS, SQL tables), Semi-Structured data (LAS, DLIS, WITSML), and Unstructured data (PDFs, SEG-Y, ZGY, high-res seismic files, maps)? 3. Does the 400 TB usable storage requirement include replication/overheads, or is 400 TB the net usable raw capacity expected for the cluster? Could OIL clarify if the 400 TB usable storage is the total data capacity intended for both raw E&P data lake storage (seismic, logs, reports) and vector database embeddings for GenAI?		Will be provided during kick-off meeting

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
222	SoW Clause 4.1 & Clause 12 (Point 35, 37)	<i>"Continuous ingestion... production data, daily drilling summary reports... frequency for full backups and incremental backups..."</i>	Incremental Data Growth & Daily Velocity: 1. What is the expected daily or monthly incremental data growth rate (in GBs/TBs) post-Go-Live across structured production logs and unstructured well reports? 2. What is the peak daily ingest velocity (e.g., batch loading schedule vs. near-real-time streaming inputs)?		Will be provided during implementation
223	SoW Clause 4.4, 5.0 & Clause 5.2	<i>"Digitized geological and geophysical reports / maps... PDFs, scanned documents, historical interpretations... RAG Conversational Interface..."</i>	Unstructured Document Corpus Volumetrics for RAG: 1. How many total unstructured document files (PDFs, Word, scanned reports, images) are in the historical corpus to be chunked and indexed? 2. What percentage of these documents are scanned image PDFs requiring heavy OCR pre-processing prior to vector embedding generation?		Repeat Query. Clarified earlier above.

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
224	SoW Clause 12 (Annual Maintenance - Point 18)	<i>"Solution's initial sizing & provisioning... based on the growth in the user load (peak and non-peak periods; year-on-year increase)..."</i>	Concurrent Users : 1. What is the expected total and peak concurrent active user count (Geoscientists, Engineers, Executives) running natural language queries on AI platform? 2. What is the estimated daily volume of LLM prompt calls and background vector re-indexing tasks?		1. Repeat Query. Clarified earlier above. 2. To be provided during implementation
225	SoW Clause 1.2 & Clause 3.1	<i>"It aims to adopt AI-assisted workflows for the processing of seismic data from two selected fields, comprising about 500 km² of 3D seismic data."</i>	Seismic Processing Volumetric Scope: Please confirm if the raw pre-stack seismic dataset size for the 500 km ² area is included within the 400 TB provisioned storage or if additional high-throughput parallel storage (e.g., Lustre/GPFS) will be allocated specifically for seismic processing staging?		Included in 400 TB
226	SoW Clause 13.1 (Hardware Requirements - GPU Server Table A)	<i>"Each Node Must be configured with 8 NVIDIA B300 SXM-based GPUs... 800G XDR IB technology..."</i>	Please confirm if OIL will ensure that the hardware OEM provides compatible supporting components (e.g. Linux OS kernel versions, NVIDIA Container Toolkit, and InfiniBand drivers) for the NVIDIA B300 SXM platform prior to Cloudera AI installation, to allow seamless GPU operator integration?		On Bidder's scope

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
227	SoW Clause 6.3 & Annexure-B	<i>"The Bidder shall be solely responsible for: Procuring and maintaining any additional SAP or third-party licenses... Adapters, connectors, tools... required for integration with OIL's E&P existing software & database (Petrel, Prosource, GRPC, EDM)..."</i>	Please confirm that where proprietary E&P databases (e.g., SLB ProSource, Halliburton EDM) require specialized vendor-side SDKs, APIs, or export licenses, OIL will facilitate access to these native APIs or export staged data files (e.g., LAS, DLIS, SEG-Y) into the data lake?		Repeat Query. Clarified earlier above. All the connectors/SDK license cost is bidder's scope. OIL shall provide the access for the following existing softwares: (i) Petrel G&G (ii) Petrel RE (iii) Eclipse, (iv) Techlog (v) Omega (vi) ProSource (vii) ArcGIS Pro (viii) GRPC (inhouse software)

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
228	BEC/PQC Clause 3.1.1 (b.iii) & SoW Clause 4.1	<i>"Enriched with standardized metadata aligned to OSDU schemas... undertake to support OSDU-aligned data models."</i>	OSDU Standards Alignment: Please clarify whether OIL requires Datalake OEM to store and index metadata aligned with OSDU JSON schemas/data models. Kindly confirm that the Data Lake platform must support storing and processing subsurface data in open, non-proprietary storage formats (e.g., Apache Iceberg, Apache Parquet) to ensure integration with OSDU-compliant middleware and analytics engines.		Repeat Query. Clarified earlier above.
229	SoW Clause 12 (Annual Maintenance - Points 1, 2, 18, 19)	<i>"The AMC period will be of 5 years... the bidder, based on the growth in the user load... will manage the scale up or scale down of compute, memory, storage to support scalability..."</i>	OEM subscriptions are licensed based on compute nodes / CCUs or physical CPU/GPU cores. Please confirm that if OIL expands hardware capacity or node count during the 5-year AMC beyond the initial provisioned BOQ (2 GPU Servers + 5 Management Servers), any additional software platform licenses required will be procured via a mutually agreed change order?		To be reviewed

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Sl. No.	Clause No.	Existing Clause	Proposed Clause/ Pre-Bid Query	Remarks	OIL's Response
230	SoW Clause 12 (Annual Maintenance - Point 5)	<i>"Bidder must provide software upgrades, updates, software enhancements at no extra cost to OIL within two (2) weeks from the date of release."</i>	Major platform upgrades undergo rigorous validation, UAT, and change-management testing prior to deployment in production environments. We request OIL to extend the mandatory upgrade window from 2 weeks to 6 to 8 weeks post-release, subject to scheduled downtime approval from OIL.		Not acceptable
231	BEC/PQC Clause 3.6 (viii) & SoW Clause 11.1 Note (d)	<i>"Specifically confirming that all customized source code, configurations, connectors, workflows... fine-tuned model weights and AI-generated outputs created for OIL under this contract shall be the sole property of OIL."</i>	Please confirm that while OIL will retain exclusive IPR over all project-specific assets (custom workflows, fine-tuned model weights, project scripts, data pipeline configurations), the underlying pre-existing core software platform, commercial tools, and framework IP of OEM Cloudera remain the exclusive property of Cloudera?		Repeat Query. Clarified earlier above. (Refer to clause no 11.1 under note no. d) of the SoW)
