

OIL INDIA LIMITED
RAJASTHAN FIELD
JODHPUR

AMENDMENT NO. 4 DATED 21.07.2026
TO TENDER NO. GEM/2026/B/7561254

This amendment against Tender No. GEM/2026/B/7561254 is issued as under:

- A.** Amendments in Bid Evaluation Criteria (BEC), Scope of Work (SOW), Special Conditions of Contract (SCC), Schedule of Rate (SOR), Forwarding Letter/ Introduction to Services & Proforma is enclosed as **Annexure-I.**
- B.** Clarifications on bidder's Pre-Bid queries are enclosed vide **Annexure-1** to **Annexure-3.**
- C.** All other Terms & Conditions remain unchanged.

Note: Bidder's are advised to take a note of above while preparing and submitting bid.

Annexure-I

AMENDMENTS IN BID EVALUATION CRITERIA (BEC), SCOPE OF WORK (SOW), SPECIAL CONDITIONS OF CONTRACT (SCC), SCHEDULE OF RATE (SOR), FORWARDING LETTER / INTRODUCTION TO SERVICES & PROFORMAS AGAINST TENDER NO. GEM/2026/B/7561254 FOR HIRING OF DIRECTIONAL DRILLING AND RANGING SERVICES FOR FIVE (05) NOS OF SAGD WELLS WHICH INCLUDES TEN (10) HORIZONTAL WELLS, INCLUDING WELL DESIGNING, WELL PLANNING, WELL MONITORING AND EXECUTION IN BAGHEWALA FOR A PERIOD OF 03 (THREE) YEARS.

SL. NO.	CLAUSE NO.	EXISTING CLAUSE	AMENDED CLAUSE
1	PART-2 BID EVALUATION CRITERIA(BEC) 3.5 MOBILIZATION:	3.5 MOBILIZATION: i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days. ii. Mobilisation period for call-out tools is 45 Days. iii. Mobilisation period for manpower is 10 days. iv. The re-mobilisation period for tools and equipment is 45 days. Bidder to confirm the above mobilisation period in the Technical Bid.	3.5 MOBILIZATION: i. The Mobilisation period for firm tools under Set#1 is 90 Days and Set#2 is 120 days. ii. Mobilisation period for call-out tools is 60 Days. iii. Mobilisation period for manpower for Set#1 is 15 days and for Set#2 is 45 days. (Separate mobilization notice wherever applicable). iv. The re-mobilisation period for tools and equipment is 45 days. Bidder to confirm the above mobilisation period in the Technical Bid.
2	PART-2 BID EVALUATION CRITERIA(BEC) 3.4. EXPERIENCE OF BIDDER'S PERSONNEL :	3.4.2 iii) Ranging Specialists shall have a minimum of 5 years' experience in SAGD/ranging operations, including maintaining an approx. 5 m separation between SAGD	3.4.2 iii) Ranging Specialists (if applicable) shall have a minimum of 5 years' experience in SAGD/ranging operations, including maintaining an approx. 5 m separation between SAGD wells, and shall be proficient in the use of Bed Boundary Tools.

	3.4.2, iii)	wells, and shall be proficient in the use of Bed Boundary Tools. Bidder to confirm deployment of the above personnel in the technical Bid.	Bidder to confirm deployment of the above personnel in the technical Bid.
3	<u>PROFORMA-Y</u> <u>EVALUATION SHEET FOR</u> <u>BID EVALUATION</u> <u>CRITERIA(BEC)</u> 3.5	3.5 MOBILIZATION: i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days. ii. Mobilisation period for call-out tools is 45 Days. iii. Mobilisation period for manpower is 10 days. iv. The re-mobilisation period for tools and equipment is 45 days. Bidder to confirm the above mobilisation period in the Technical Bid.	3.5 MOBILIZATION: i. The Mobilisation period for firm tools under Set#1 is 90 Days and Set#2 is 120 days. ii. Mobilisation period for call-out tools is 60 Days. iii. Mobilisation period for manpower for Set#1 is 15 days and for Set#2 is 45 days. (Separate mobilization notice wherever applicable). iv. The re-mobilisation period for tools and equipment is 45 days. Bidder to confirm the above mobilisation period in the Technical Bid.
4	<u>PART-2</u> <u>BID EVALUATION</u> <u>CRITERIA(BEC)</u> NEW CLAUSE 3.6 C. TECHNICAL EVALUATION CRITERIA:	NEW CLAUSE 3.6 C. under 3.0 TECHNICAL EVALUATION CRITERIA:	3.6 C. BID FROM CONSORTIUM OF COMPANIES: In case the Bidder is a Consortium of Companies, the following requirement should be complied by the consortium: (i) Any member of the consortium on its own shall satisfy the minimum experience requirement as per Clause No. 3.1 above and shall not rely on its consortium partners, subsidiary/parent company/co-subsidary or through any other arrangement like Technical Collaboration agreement for meeting the experience criteria. (ii) Consortium bids shall be submitted with a Memorandum of Understanding (MoU) among the consortium members duly executed by the Authorized

			Executives of the consortium members and notarized. This MoU must accompany the bid. The MoU must state that the Consortium Member on whose experience/strength the Consortium is bidding, is bound to execute the full part of the contract which falls under/related to the experience submitted by them against Clause No. 3.1 of BEC above. Moreover, the MoU must clearly define the role/scope of work of each partner/member and should clearly define the leader of consortium. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for discharging all obligations under the contract. However, the leader of the consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the 'scope of work' of this bid document. In case of award, such MOU shall be kept valid through the entire contract period, including extensions, if any. (iii) Only the Leader of the consortium should register against the tender in GeM portal and submit bid on behalf of the Consortium. The other members of the Consortium shall ratify all the acts and decisions of the Leader of Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract. (iv) The Bid Security shall be in the name of the Leader of the consortium on behalf of consortium with specific reference to consortium bid and with name(s) & address(es) of Consortium members. Similarly, the Performance Security
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			shall be in the name of the Leader on behalf of the Consortium. (v) The leader of the consortium on behalf of the consortium shall coordinate with OIL during the period the bid is under evaluation as well as during the execution of works in the event contract is awarded and he shall also be responsible for resolving dispute/ misunderstanding/ undefined activities, if any, amongst all the consortium members. If the leader of the consortium changes during execution of the contract (if awarded), the contract shall be liable for termination. (vi) Any correspondence exchanged with the leader of consortium shall be binding on all the consortium members. (vii) Payment shall be made by OIL only to the leader of the consortium towards fulfilment of contract obligations. (viii) In case of consortium bids, the bid shall be signed/digitally signed in line with tender stipulation by the leader of consortium. The power of attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the bid. (ix) Documents/details submitted with the bid pertaining to qualification of the bidder must be furnished by each partner/ member of consortium and should be complete in all respects clearly bringing up their experience especially in the form of work in their scope. (x) The leader of the consortium must confirm unconditional acceptance of full responsibility of executing
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			the “Scope of Work” of this tender. This confirmation must be submitted along with the technical bid. (xi) <u>Constitution of Consortium:</u> The members of the consortium should not be more than 03 (Three). If during evaluation of bid, a consortium leader proposes any alterations/changes in the constitution or replacement or inclusion or expulsion of any partner(s)/member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to his knowledge at any time, the bid of such a consortium shall be liable for rejection. Similarly, under such a situation the contract shall be liable for termination, if already awarded. (xii) <u>Signing of Contract:</u> In the event of award of contract to the consortium, the contract to be signed by all the members of the consortium and the liability of each one of them shall be jointly and severely. (xiii) Members of the consortium are not allowed to quote separately/ independently/or through any other arrangement like part of any other JV/Consortium against this tender. All the bids received in such case shall be summarily rejected. Further, all bids from parties with technical support from the same Principal shall be rejected. (xiv) Certified copies (attested by Director/Company Secretary/Authorised Signatory) of Board resolutions/Partnership resolutions passed by respective Board of Directors of the companies/Partners of the LLP agreeing to enter into such consortium with each other for
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			submission of bid for the NIT and also authorizing designated executives of each company/LLP to sign the MOU, to be provided along with the technical bid. (xv) 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 need not be on a non-judicial stamp paper, however it should be notarized.
5	<u>PART-2</u> <u>BID EVALUATION</u> <u>CRITERIA(BEC)</u> 3.6.1	3.6.1 Bidders quoting on the technical strength of Parent/Subsidiary/Sister-Subsidiary/Consortium member/Joint Venture partner Company's experience (who qualifies the technical requirement as per the tender qualifying criteria) should provide the respective services from the identified party (Supporting Company) on whose strength the bidder meets the qualifying criteria including key personnel for a minimum duration of 50% of the Contract period during execution of the contract. Declarations 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.	3.6.1 Bidders quoting on the technical strength of Parent/Subsidiary/Sister-Subsidiary/Consortium member/Joint Venture partner Company's experience (who qualifies the technical requirement as per the tender qualifying criteria) should provide the respective services from the identified party (Supporting Company) on whose strength the bidder meets the qualifying criteria including key personnel for the initial 01 (one) Well (irrespective of whether it is a ranging or directional well) during execution of the contract.
6	<u>PART-2</u> <u>BID EVALUATION</u> <u>CRITERIA(BEC)</u> New Clause 4.6 under FINANCIAL	New Clause 4.6 under 4.0 <u>FINANCIAL EVALUATION CRITERIA:</u>	4.6 In case of bid from Consortium of Companies, any one of the consortium members shall have an annual financial turnover from operation of minimum INR 12.86 Crores and other members of the consortium shall have an annual financial turnover from operation of minimum INR 6.43 Crores, during

	EVALUATION CRITERIA , regarding bid from Consortium of Companies		any of the preceding 03 (Three) financial/accounting years reckoned from the original bid closing date. Net worth of all the members must be Positive for the financial/accounting year preceding the original bid closing date. All the consortium members shall meet the financial criteria as indicated above on their own and shall not rely on the strength of their parent/ultimate parent/holding company to meet the financial criteria. Otherwise, their bid shall be categorically rejected.
7	<u>FORWARDING LETTER / INTRODUCTION TO SERVICES</u> 2.0, m. Mobilization period	i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days. ii. Mobilisation period for call-out tools is 45 Days. iii. Mobilisation period for manpower is 10 days. iv. The re-mobilisation period for tools and equipment is 45 days. Ref. tender doc. for details.	i. The Mobilisation period for firm tools under Set#1 is 90 Days and Set#2 is 120 days ii. Mobilisation period for call-out tools is 60 Days . iii. Mobilisation period for manpower for Set#1 is 15 days and for Set#2 is 45 days. (Separate mobilization notice wherever applicable) iv. The re-mobilisation period for tools and equipment is 45 days. Ref. tender doc. for details.
8	<u>PART-3 SECTION-III SPECIAL CONDITIONS OF CONTRACT</u> New Clause 29.0	<u>New Clause 29.0</u>	29.0 Deployment of Key Personnel from Supporting Company Notwithstanding the minimum requirement to deploy key personnel from the identified Supporting Company for 01 (one) well as per the Bid Evaluation Criteria (BEC Clause 3.6.1), the Company reserves the absolute right to extend

			the tenure of such personnel beyond the initial 01 (one) SAGD well. Based on operational requirements, well complexity, or personnel performance, the Company may direct the Contractor to call upon these specific key personnel for subsequent wells, during the duration of the Contract, upon written instruction from the Company, without any additional cost, commercial implication, or disruption to operations.
9	PART-3 SECTION-III <u>SPECIAL CONDITIONS</u> <u>OF CONTRACT</u> 26.0	26.0 Mobilisation Period: i) The initial mobilisation of Tools for Horizontal Directional Drilling Services (Set-1) to be completed within 90 (Ninety) days from the date of issue of the mobilisation notice, and the demobilisation/re-mobilisation between SAGD well pairs to be completed within 45 (forty-five) days of issuing the de-mobilisation notice. ii) Initial Mobilisation of tools for Ranging Services (Set-2) to be completed within 90 (Ninety) days from the date of issue of the mobilisation notice, and the demobilisation/re-mobilisation between SAGD well pairs to be completed within 45 (forty-five) days of issuing the de-mobilisation notice. Note: A separate mobilisation/demobilisation notice will be issued for Horizontal Directional Drilling tools/equipment, including manpower (Set-1), and	26.0 Mobilisation Period: i) The initial mobilisation of Tools for Horizontal Directional Drilling Services (Set-1) to be completed within 90 (Ninety) days from the date of issue of the mobilisation notice, and the demobilisation/re-mobilisation between SAGD well pairs to be completed within 45 (forty-five) days of issuing the de-mobilisation notice. ii) Initial Mobilisation of tools for Ranging Services (Set-2) to be completed within 90 (Ninety) 120 (One Hundred and Twenty) days from the date of issue of the mobilisation notice, and the demobilisation/re-mobilisation between SAGD well pairs to be completed within 45 (forty-five) days of issuing the de-mobilisation notice. Note: A separate mobilisation/demobilisation notice will be issued for Horizontal Directional Drilling tools/equipment,

		Ranging Services tools/equipment, including manpower (Set-2).	including manpower (Set-1), and Ranging Services tools/equipment, including manpower (Set-2).
10	PART-3 SECTION-III SPECIAL CONDITIONS OF CONTRACT 27.0	27.0 Mobilisation Period For Call-Out Tools: A Mobilisation Notice for call-out items would be issued separately for individual tools. The mobilisation of call-out tools should be completed within 45 (forty-five) days.	27.0 Mobilisation Period For Call-Out Tools: A Mobilisation Notice for call-out items would be issued separately for individual tools. The mobilisation of call-out tools should be completed within 45 (forty-five) 60 (Sixty) days.
11	PART-3 SECTION-III SPECIAL CONDITIONS OF CONTRACT 1.0 DEFINITIONS, 1.15	1.15 Contractor's base camp: It will be the Contractor's responsibility to maintain adequate space and utilities at their designated base in and around Jodhpur for storage of their Equipment, Tools, etc. and workshop needs. All costs associated with establishing and running such a facility will be to the Contractor's account.	1.15 Contractor's base camp: It will be the Contractor's responsibility to maintain adequate space and utilities at their designated base in and around Jodhpur for storage of their Equipment, Tools, etc. and workshop needs. All costs associated with establishing and running such a facility will be to the Contractor's account.
12	PROFORMA-R, Technical Specification Matrix, 2.4	2.4 CONTRACTOR TO PROVIDE THE FOLLOWING TOOLS/EQUIPMENT UNDER THE SCOPE OF THE CONTRACT NOTE: A separate mobilisation notice shall be issued for Set 1 and Set 2. The mobilisation period for firm tools under Sets 1 & 2 is 90 Days. Mobilisation period for call-out tools is 45 Days. Mobilisation period for manpower is 10 days. (Separate mobilization notice wherever applicable) The re-mobilisation period for tools and equipment is 45 days.	2.4 CONTRACTOR TO PROVIDE THE FOLLOWING TOOLS/EQUIPMENT UNDER THE SCOPE OF THE CONTRACT NOTE: A separate mobilisation notice shall be issued for Set 1 and Set 2. The mobilisation period for firm tools under Set#1 is 90 Days and Set#2 is 120 days. . Mobilisation period for call-out tools is 45 60 Days. Mobilisation period for manpower for Set#1 is 10 15 days and for Set#2 is 45 days. (Separate mobilization notice wherever applicable) The re-mobilisation period for tools and equipment is 45 days.

13	<u>PART - 3 SECTION – IV</u> <u>SCHEDULE OF RATES</u> (C) OPERATIONAL CHARGES OF (TOOLS & EQUIPMENT INCLUDING MANPOWER) : ii)	ii) For Set-2 (Ranging Services): = B8+C8+D7+E9+H4+H5 from Proforma-B Operating charges shall apply exclusively during periods when the surface current is actively being induced into the target well (if applicable), and distance/direction data is actively being recorded by the drilling BHA. Standby charges for Set-2 shall commence only 2 days prior to the actual lowering of the tool and shall apply during all non-operating periods while the equipment is functional at the site. In the event of Set-2 equipment failure or an inability to induce the surface current when required by the well plan, Zero Rate shall apply to Set-2 until functionality is restored.	ii) For Set-2 (Ranging Services): = B8+C8+D7+E9+H4+H5 from Proforma-B Operating charges shall apply exclusively during periods when the surface current is actively being induced into the target well (if applicable), and distance/direction data is actively being recorded by the drilling BHA. Standby charges for Set-2 shall commence only 2 days prior to the actual lowering of the tool and shall apply during all non-operating periods while the equipment is functional at the site. Standby charges for Set-2 shall be payable for a maximum of 7 days after the completion of mobilization at the rig site, and no standby charges shall be paid beyond this 7-day period during all non-operating periods while the equipment is functional at the site. In the event of Set-2 equipment failure or an inability to perform desired function as required by the well during drilling of the second well during the initial testing (either Injector or Producer), Zero Rate shall apply to Set-2 until functionality is restored from the time of mobilisation completion.
14	<u>PART – 3 SECTION – II</u> <u>SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION</u> 5.0	<u>5.0 CALL-OUT EQUIPMENT/PERSONNEL WITH SERVICES:</u> Call-out services shall be quoted by the Bidder in accordance with the Price Bid Format, and Bidders are advised to quote the most competitive price. It will be mandatory for all bidders to offer these call-out services with a detailed technical description. OIL retains the prerogative to utilise the services described below on a "CALLOUT" basis. Contractor is required to give an undertaking to mobilise one or more	<u>5.0 CALL-OUT EQUIPMENT/PERSONNEL WITH SERVICES:</u> Call-out services shall be quoted by the Bidder in accordance with the Price Bid Format, and Bidders are advised to quote the most competitive price. It will be mandatory for all bidders to offer these call-out services with a detailed technical description. OIL retains the prerogative to utilise the services described below on a "CALLOUT" basis. Contractor is required to give an undertaking to mobilise one or more of the under-noted

		of the under-noted Call-Out services within 45 (forty - five) days from the date of the independent mobilisation notice issued by OIL.	Call-Out services within 45 (forty - five) 60 (Sixty days) days from the date of the independent mobilisation notice issued by OIL.
15	<u>PART – 3 SECTION – II</u> <u>SCOPE OF WORK/</u> <u>TERMS OF</u> <u>REFERENCE/TECHNICAL</u> <u>SPECIFICATION</u> <u>NOTE :</u> under <u>2.0 HIRING OF</u> <u>EQUIPMENT &</u> <u>SERVICES:</u>	<u>NOTE:</u> 1. A separate mobilisation notice shall be issued for Set 1 and Set 2. 2. The mobilisation period for firm tools under Sets 1 & 2 is 90 Days. 3. Mobilisation period for call-out tools is 45 Days. 4. Mobilisation period for manpower is 10 days. (Separate mobilization notice wherever applicable) 5. The re-mobilisation period for tools and equipment is 45 days.	<u>NOTE:</u> 1. A separate mobilisation notice shall be issued for Set 1 and Set 2. 2. The mobilisation period for firm tools under Set#1 is 90 Days and Set#2 is 120 days. 3. Mobilisation period for call-out tools is 45 60 Days. 4. Mobilisation period for manpower for Set#1 is 10 15 days and for Set#2 is 45 days. (Separate mobilization notice wherever applicable) 5. The re-mobilisation period for tools and equipment is 45 days. 6. Passive Magnetic Ranging is a technique that uses residual/induced magnetic field (if applicable) to estimate direction and distance to an existing well, which shall not use Coil Tubing Units, Surface Logging Units to induce the said magnetic field.
16	<u>PART – 3 SECTION – II</u> <u>SCOPE OF WORK/</u> <u>TERMS OF</u> <u>REFERENCE/TECHNICAL</u> <u>SPECIFICATION</u>	a. Directional Driller with 07 years of experience in drilling wells for SAGD Applications. He should be able to execute the job of high-angle/high-displacement/high-displacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete	a. Directional Driller/Ranging Engineer with 07 years of experience in drilling wells for SAGD Applications. He should be able to execute the job of high-angle/high-displacement/high-displacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job,

	<u>4.2 DETAILS OF EQUIPMENT & SERVICES REQUIREMENT:</u> <u>(x) Manpower for Ranging Services: -</u> a.	knowledge of the job, from planning to execution, along with the associated calculations and decision-making, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English.	from planning to execution, along with the associated calculations and decision-making, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English.
17	<u>PART – 3 SECTION – II SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION</u> <u>4.2 DETAILS OF EQUIPMENT & SERVICES REQUIREMENT:</u> <u>(x) Manpower for Ranging Services: -</u>	Contractor to provide the following manpower for Ranging Services:-	Contractor to provide (if applicable) the following manpower for Ranging Services:-
18	<u>PART – 3 SECTION – II SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION</u> <u>7.0 PERSONNEL FOR DIFFERENT SERVICES:</u>	<u>7.0 PERSONNEL FOR DIFFERENT SERVICES:</u> Contractor shall provide the following categories of personnel for running the well operation on a round-the-clock basis. (i) Directional Engineer / Driller. (ii) MWD / LWD Engineer/Operator. (iii) Directional Engineer / Driller (For Ranging Services Only)	<u>7.0 PERSONNEL FOR DIFFERENT SERVICES:</u> Contractor shall provide the following categories of personnel for running the well operation on a round-the-clock basis. (i) Directional Engineer / Driller. (ii) MWD / LWD Engineer/Operator. (iii) Directional Engineer / Driller (For Ranging Services Only, if applicable)

		(iv) MWD / LWD Engineer/Operator (For Ranging Services Only) (v) Centrifuge Operator (vi) Base Manager at Jodhpur The personnel (Sl. No.i to v) as described above will be deployed by the Contractor at the well site. The bio-data of personnel engaged by the Contractor shall comply with the Company's requirements specified in the tender. The Contractor must provide one Base Manager (Sl. No. iv) to be stationed at Jodhpur (Base office).	(iv) MWD / LWD Engineer/Operator (For Ranging Services Only, if applicable) (v) Centrifuge Operator (vi) Base Manager at Jodhpur The personnel (Sl. No.i to v) as described above will be deployed by the Contractor at the well site. The bio-data of personnel engaged by the Contractor shall comply with the Company's requirements specified in the tender. The Contractor must provide one Base Manager (Sl. No. iv) to be stationed at Jodhpur (Base office).
19	<u>PART – 3 SECTION – II</u> <u>SCOPE OF WORK/</u> <u>TERMS OF</u> <u>REFERENCE/TECHNICAL</u> <u>SPECIFICATION</u> <u>4.2 DETAILS OF</u> <u>EQUIPMENT & SERVICES</u> <u>REQUIREMENT:.</u> (vi) Comprehensive Ranging Services: -, II., 3.	3. Environmental Rating: All downhole ranging receivers/MWD tools deployed in the producer well must be rated to withstand the specific bottom-hole temperatures of the Infracambrian formations (capable of sustained operations in 120°C to 200°C thermal gradients, accounting for any pre-steamed adjacent zones).	3. Environmental Rating: All downhole ranging receivers/MWD tools deployed in the producer well must be rated to withstand the specific bottom-hole temperatures of the Infracambrian formations (capable of sustained operations in 120°C to 200 150°C thermal gradients, accounting for any pre-steamed adjacent zones).
20	<u>PART – 3 SECTION – II</u> <u>SCOPE OF WORK/</u> <u>TERMS OF</u> <u>REFERENCE/TECHNICAL</u> <u>SPECIFICATION</u>	DLS (PER 100')- 17.1/2" Section: 2.5 ° - 5° /100'; 12.1/4"Section 2.5 ° - 7° / 100'; 8. ½"Section: 2.5 °- 7°/100'	DLS (PER 100')- 17.1/2" Section: 2.5 ° - 5° /100'; 12.1/4"Section 2.5 ° - 7° / 100'; 8. ½"Section: 2.5 °- 7° /100'

	ANNEXURE – C Details of collar based MWD tool for 12.1/4” & 8. 1/2” hole section DLS (PER 100') & Note	Notes: Min. Flow Rate: 300 GPM & Max. Flow Rate: 550 GPM or more for 17½" hole section	Notes: Min. Flow Rate: 300 GPM & Max. Flow Rate: 550 GPM or more for 17½" hole section
21	PART – 3 SECTION – II <u>SCOPE OF WORK/</u> <u>TERMS OF</u> <u>REFERENCE/TECHNICAL</u> <u>SPECIFICATION</u> 4.0 OPERATIONAL REQUIREMENTS, 4.1, The Contractor is required to comply with the following specified requirements:, (vi)	(vi) The minimum drift diameter of the Hydro-Mechanical / Hydraulic Jar for an 8.1/2" hole shall be 2.81".	(vi) The minimum drift diameter of the Hydro-Mechanical / Hydraulic Jar for an 8.1/2" hole shall be 2.81" 2.75” to 3”.
22	PART – 3 SECTION – II <u>SCOPE OF WORK/</u> <u>TERMS OF</u> <u>REFERENCE/TECHNICAL</u> <u>SPECIFICATION</u>	9.4 Field calibration of the MWD / LWD / Ranging tools shall be provided by the Contractor.	9.4 Field In-house Workshop/Third-Party calibration of the MWD / LWD / Ranging tools shall be provided by the Contractor.

	9.0 FIELD VERIFICATION & CALIBRATION TOOL & SERVICES: , 9.4		
23	PART – 3 SECTION – II SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION 5.2 DISTANCE & DIRECTION TO BED BOUNDARY IDENTIFICATION FOR 8.1/2” HOLE SECTION:	5.2 DISTANCE & DIRECTION TO BED BOUNDARY IDENTIFICATION FOR 8.1/2” HOLE SECTION: Contractor shall deploy 1set (including back-up) of DBBI tool for 8.1/2" section as per specifications mentioned in Annexure-G & H. The services of one DBBI/well placement specialist with a minimum of 2 years of well placement experience must be provided, along with the DBBI tool, at the wellsite during the DBBI tool's operating mode. A comprehensive pre- & post-report must be submitted for wells incorporating DBBI tools.	5.2 DISTANCE & DIRECTION TO BED BOUNDARY IDENTIFICATION FOR 8.1/2” HOLE SECTION: Contractor shall deploy 1set (including back-up) of DBBI tool for 8.1/2" section as per specifications mentioned in Annexure-G & H. The services of one DBBI/well placement specialist with a minimum of 2 years of well placement experience must be provided, along with the DBBI tool, at the wellsite OIL Jodhpur office during the DBBI tool's operating mode. A comprehensive pre- & post-report must be submitted for wells incorporating DBBI tools.
24	PART – 3 SECTION – II SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION ANNEXURE – E, SPECIFICATION OF ANNULUS PRESSURE AND ANNULUS TEMPERATURE TOOL FOR 8 ½"and 12.1/4" Hole Sizes,	Pressure sensor to identify ECD (Equivalent Circulating Density) and ESD (Equivalent Static Density)	Pressure sensor to identify ECD (Equivalent Circulating Density) and ESD (Equivalent Static Density)

	TOOL FEATURES, ECD and ESD CAPABILITY		
25	PART – 3 SECTION – II SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION 2.0 HIRING OF EQUIPMENT & SERVICES: 2.4, Set-2	Set-2 Ranging Services for Producer Wells Only	Set-2 Ranging Services for Either Injector or Producer Wells Only
26	PROFORMA -XX under LIST OF PROFORMAS, EXHIBITS, APPENDICES, ETC. FOR THE TENDER	PROFORMA -XX DECLARATION FORMAT [On Bidder's Letter Head] To, M/s OIL INDIA LIMITED, RAJASTHAN FIELD, CONTRACTS & PURCHASE DEPARTMENT, JODHPUR, RAJASTHAN, INDIA, PIN-342005 Dear Sir, This has reference to your Tender No. GEM/2026/B/7561254 Dated _____20__ on the subject.	PROFORMA -XX Stands Deleted.

	We, _____ (Name of the Company) confirm that we will engage/deploy the services including the key personnel of the Subsidiary/Parent/Sister Subsidiary/Co-subsidiary/JV company experience (strike out whichever is not applicable) on whose strength we are meeting the tender's Technical requirement as per the tender qualifying criteria. Signature (Name & Designation of Authorized person)	
27	<u>NOTE FOR PROFORMA-R, TECHNICAL SPECIFICATION MATRIX :</u> Please take a note of above amendments and read corresponding amendments in the clauses under TECHNICAL SPECIFICATION MATRIX, PROFORMA-R also.	
28	<u>NOTE FOR PROFORMA-Y, EVALUATION SHEET FOR BID EVALUATION CRITERIA(BEC) :</u> Please take a note of above amendments and read corresponding amendments in the clauses under EVALUATION SHEET FOR BID EVALUATION CRITERIA(BEC), PROFORMA-Y also.	

Annexure-1

Reply to Pre-Bid Queries against GeM Tender No. Gem/2026/B/7561254- Hiring Of Directional Drilling And Ranging Services For Five (05) Nos Of Sagd Wells Which Includes Ten (10) Horizontal Wells, Including Well Designing, Well Planning, Well Monitoring And Execution In Baghewala for a Period of 03 (Three) Years.

Item no.	Article/section number	Wording/clause In the bid document	New wording/exception proposed by bidder	Reason(s) for exception	OIL's Reply
1.	BEC, EXPERIENCE PF BIDDER'S PERSONNEL	Minimum experience requirements of Personnel: i) Directional Drillers (SAGD/ranging) with experience in short radius drilling with the use of RSS/SDMM: Minimum 5 years ii) MWD/LWD Engineers: Minimum 3 years iii) Ranging Specialists shall have a minimum of 5 years' experience in SAGD/ranging operations, including maintaining an approx.	Minimum experience requirements of Personnel: i) Directional Drillers with experience in short radius drilling with the use of RSS/SDMM: Minimum 3 5 years ii) MWD/LWD Engineers: Minimum 3 years	Request OIL to amend the clause	No change. As per Tender.
2.	BEC 3.5 Mobilization	i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days. ii. Mobilisation period for call-out tools is 45 Days. iii. Mobilisation period for manpower is 10 days. iv. The re-mobilisation period for tools and equipment is 45 days.	i. The Mobilisation period for firm tools under Sets 2 is 120 90 Days. ii. Mobilisation period for call-out tools is 60 45 Days. iii. Mobilisation period for manpower is 45 10 days for Set-2. iv. The re-mobilisation period for tools and equipment is 60 45 days.	Request OIL to amend the clause	Please refer to the Amendment issued.
3.	GCC, 9.2 Personnel to be deployed by contractor	The CONTRACTOR shall be solely responsible throughout the period of the contract	The CONTRACTOR shall be solely responsible throughout the period of the contract	<u>Request OIL to confirm the location.</u>	No change. As per Tender.

		for providing all requirements of their personnel including but not limited to, their transportation to & fro from Duliajan/field site, enroute/ local boarding, lodging, personal protective gear & medical attention etc. COMPANY shall have no responsibility or liability in this regard.	for providing all requirements of their personnel including but not limited to, their transportation to & fro from Duliajan/field site, enroute/ local boarding, lodging, personal protective gear & medical attention etc. COMPANY shall have no responsibility or liability in this regard.		
4.	GCC 30.0 TIMELY MOBILIZATION AND LIQUIDATED DAMAGES: b) d), Page - 79	Liquidated Damages, a sum equivalent to @ 0.5% of contract value including mobilization cost, per week or part thereof of delay subject to maximum of 7.5% of the Contract Price. LD will be calculated on the basis of Total Contract value [(if not specified otherwise in SCC) excluding duties and taxes, where such duties/taxes have been shown separately in the contract.	Liquidated Damages, a sum equivalent to @ 0.5% of <u>annualized contract value of each package</u> including mobilization cost, per week or part thereof of delay subject to maximum of 7.5% of the Contract Price.	<u>Request to Amend</u> Please amend to annualized contract value.	No change. As per Tender.
5.	SOW, LWD Equipment along with Services	II. Independent Access & Surface Excitation Solutions 3. Environmental Rating: All downhole ranging receivers/MWD tools deployed in	II. Independent Access & Surface Excitation Solutions 3. Environmental Rating: All downhole ranging receivers/MWD tools deployed in	Request OIL to amend the clause.	Please refer to the Amendment issued.

		the producer well must be rated to withstand the specific bottom-hole temperatures of the Infracambrian formations (capable of sustained operations in 120°C to 200°C thermal gradients, accounting for any pre-steamed adjacent zones).	the producer well must be rated to withstand the specific bottom-hole temperatures of the Infracambrian formations (capable of sustained operations in 120°C to 150 °C 200°C thermal gradients, accounting for any pre-steamed adjacent zones).		
6.	Schedule of Rates	For Set-2 (Ranging Services): = Standby charges for Set-2 shall commence only 2 days prior to the actual lowering of the tool and shall apply during all nonoperating periods while the equipment is functional at the site.	For Set-2 (Ranging Services): = Standby charges for Set-2 shall commence after mobilization of tools at rig site only 2 days prior to the actual lowering of the tool and shall apply during all nonoperating periods while the equipment is functional at the site.	Request OIL to amend the clause.	No change. As per Tender.
7.	Technical Specification Matrix – PROFORMA-R – Page-200-201	ANNEXURE-J: TOOLS FOR EACH SECTION AS APPLICABLE PER SET Jar requirement not mentioned in 12 ¼" section. 8.1/2" Section: 6.3/4"/6.1/2" Drilling Jar – 1 No. (1 Backup)	ANNEXURE-J: TOOLS FOR EACH SECTION AS APPLICABLE PER SET 8.1/2" Section: 6.3/4"/6.1/2" Drilling Jar – 1 No. (1 Backup) Jar requirement not mentioned in 12 ¼" section.	Request OIL to confirm the 8" or 6 ½" Jar requirement in 12.25" section.	Depending on the BHA requirement.
8.	Annexure - C - Details of collar based MWD tool for 12.1/4" & 8. ½" hole section	DLS (Per 100') : 17.5" Section – 2.5 – 5 deg / 100 ft	17 1/2" section drilling will not be planned as per SOW.	Request OIL to delete the requirement.	Please refer to the Amendment issued.

9.	SOR – C – Pg - 148	vi) In the event of Contractors base manager is not available at any point in time during the period of contract, penalty of INR 10,000/- per day shall be applicable.	vi) In the event of Contractors base manager is not available at any point in time during the period of contract, penalty of INR 10,000/- per day shall be applicable.	Request OIL to remove the clause.	No change. As per Tender.
10	Clause 14.6	Loss Payee Clause: The Insurance Policies should mention the following in Loss Payee Clause: “In respect of Insurance claims in which OIL’s interest is involved, written consent of OIL will be required”.	Loss Payee is generally not applicable to liability insurance. Liability insurance is going to pay the party that has suffered bodily injury and/or property damage, caused by BH. Claims payments will go to the party that sustained damage/injury and therefore not applicable to liability insurance.	Request Oil to remove the clause.	No change. As per Tender.

Annexure-2

Reply to the Pre-Bid Queries against GeM Tender No. Gem/2026/B/7561254- Hiring of Directional Drilling And Ranging Services For Five (05) Nos Of SAGD Wells Which Includes Ten (10) Horizontal Wells, Including Well Designing, Well Planning, Well Monitoring And Execution In Baghewala For A Period Of 03 (Three) Years.

Section, Clause Reference	Description as in the bid	Changes/Modifications Proposed by Bidder	Explanation/Reason	OIL's Response.
Technical Evaluation Criteria	3.1.1 The Bidder must have a minimum of seven (07) years of experience as of the original scheduled Bid Closing Date (BCD) in providing Directional Drilling Services for Horizontal wells, including the supply of equipment and competent personnel for E&P Companies.	3.1.1 The Bidder must have a minimum of seven (07) years of experience as of the original scheduled Bid Closing Date (BCD) in providing Directional Drilling Services for Horizontal wells; including the supply of equipment and competent personnel for E&P Companies.	The bidder requests not to combine services with supply of equipment	Clarified
Technical Evaluation Criteria	Offers of those bidders who themselves do not meet the experience criteria as stipulated in clause no. 3.1 above can also be considered provided the bidder is a subsidiary company of the parent company [supporting company, which holds more than fifty percent of the paid-up equity share capital of the bidder] who fulfils the experience criteria. Similarly, bid from parent company can also be considered on the strength of requisite experience of its subsidiary [supporting company, in which the bidder holds more than fifty percent of the paid-up equity share capital]. However, the parent/subsidiary company (as the case may be) of the bidder should on its own meet the experience as stipulated in the BEC and should not rely for meeting the experience criteria on its sister subsidiary/cosubsidiary company or through any other arrangement like Technical Collaboration agreement etc. In case of bidder who is a subsidiary company dependent upon the experience of the parent	The Bidder requests provision for borrowing technical experience from 2 entity -individually for Set 1 and Set 2		No change. As per Tender.

	company or vice-versa with a view to ensure commitment and involvement of the parent/subsidiary company (Supporting Company) for successful execution of the contract, the participating bidder should enclose a Parent/Subsidiary Agreement (as per format Proforma-M) and also a parent/subsidiary Guarantee (as per format Proforma-N) to OIL for fulfilling the obligation under the Agreement, along with the technical bid.			
Scope of Work Compliance	3.2/Set-2/I Passive magnetic Ranging Tools and Services for producer/Injector Wells (Aurora or Well Radar or Equivalent	3.2/Set-2/I Active / Passive magnetic Ranging Tools and Services for producer/Injector Wells (Aurora or Well Radar or Equivalent)		Clarified the term Passive in the Scope of Work
Scope of Work Compliance	3.5/i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days.	3.5/i. The Mobilisation period for firm tools under Sets 1 & 2 is 120 Days.	The equipment and manpower required to execute the ranging services are not available in country and subject to availability. The Bidder requests longer mobilization timelines due to limited resources	Please refer to the Amendment issued.

			available to execute the scope of work	
Scope of Work Compliance 3.5 MOBILIZATION:	Mobilisation period for manpower is 10 days.	Mobilisation period for manpower is 10 45days.	The manpower required to execute ranging services will require manpower from outside the country. The work visa process requires time to be processed	Please refer to the Amendment issued.
Scope of Work Compliance	3.5/ii. Mobilisation period for call-out tools is 45 Days.	3.5/ii. Mobilisation period for call-out tools is 60 Days.	These tools are not available in country and shall be mobilized from outside the country.	No Change. As per Tender.
Scope of Work Compliance	3.5/iv. The re-mobilisation period for tools and equipment is 45 days.	3.5/iv. The re-mobilisation period for Set-2 tools and equipment is 120 days.	In case the tools are demobilized, the time required to bring the resources from outside the country shall be the same as the mobilization timeline due to limited equipment availability	No Change. As per Tender.

Part 3/Section-II/Scope of Work	2.4/Set 2 Ranging Services for Producer Wells Only	2.4/Set 2 Ranging Services for either Producer or Injector well	The Bidder request to keep provision for both depending upon the technology to be used	Please Refer to the Amendment issued.
Part 3/Section-II/Scope of Work	3.0/Work Schedule/b) The Contractor shall provide the following services for the drilling &c completion of SAGD Wells. The services are: - i) Directional Drilling Service with MWD and LWD for Injector and Producer Wells. ii) Passive Magnetic Ranging Services with Independent Access Solutions for either Injector or Producer well.	3.0/Work Schedule/b) The Contractor shall provide the following services for the drilling &c completion of SAGD Wells. The services are: - i) Directional Drilling Service with MWD and LWD for Injector and Producer Wells. ii) Active/ Passive Magnetic Ranging Services with Independent Access Solutions for either Injector or Producer well.	For Clarity	Passive Magnetic Ranging is a technique that uses residual/induced magnetic field (if applicable) to estimate direction and distance to an existing well, which shall not use Coil Tubing Units, Surface Logging Units to induce the said magnetic field.
Part 3/Section-II/Scope of Work/4.2 DETAILS OF EQUIPMENT & SERVICES REQUIREMENT	Note : 1 . Contractor shall provide Collar-based MWD (Measurement While Drilling) System, (Directional + API GAMMA) based on mud pulse telemetry, Real Time online plot of Gamma for TVD and MD, Positive Pulse system, with MTBF (Mean Time Between Failure) exceeding 1000 hours. The MWD-Gamma-Resistivity tool with the "Mud Pulse Telemetry" system shall be the only acceptable option. However, for a brand-new (Unused) MWD tool proposed for deployment under this Contract, the MTBF certificate is not relevant.	Note : 1 . Contractor shall provide Collar-based MWD (Measurement While Drilling) System, (Directional + API GAMMA) based on mud pulse telemetry/ EM telemetry , Real Time online plot of Gamma for TVD and MD, Positive Pulse system / EM telemetry, with MTBF (Mean Time Between Failure) exceeding 1000 hours. The MWD-Gamma-Resistivity tool with the Mud Pulse telemetry / EM telemetry system shall be the only acceptable option. However, for a brand-new (Unused) MWD tool proposed for deployment under this Contract, the MTBF certificate is not relevant.	EM Telemetry is independent of drilling fluid and can operate in case of downhole losses	No Change. As Per tender.

Annexure C	Telemetry Type - Positive Mud pulse	Telemetry Type - Positive Mud pulse / EM	EM Telemetry is independent of drilling fluid and can operate in case of downhole losses	No Change. As Per tender.
Manpower for Ranging Services / Page 194 of 268	MWD/LWD Engineers with an experience of 05 years in drilling wells for SAGD Applications. He should be conversant with the technology, including troubleshooting for Independent access and ranging.	Lead MWD/LWD Engineers with an experience of 05 years in drilling wells for SAGD Applications. He should be conversant with the technology, including troubleshooting for Independent access and ranging. Second/ Night MWD Engineer to be of Experience of 3 years.		No Change. As Per tender.
Manpower for Ranging Services / Page 194 of 268	Directional Driller with 07 years of experience in drilling wells for SAGD Applications. He should be able to execute the job of high-angle/high-displacement/highdisplacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job, from planning to execution, along with the associated calculations and decision-making, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English.	Lead Directional Driller with 07 years of experience in drilling wells for SAGD Applications. He should be able to execute the job of high-angle/high-displacement/highdisplacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job, from planning to execution, along with the associated calculations and decision-making, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English. Second/ Night DD Engineer to be of Experience of 5 years.		No Change. As Per tender.

6.0 PRICE EVALUATION CRITERIA:	Total Mobilization charges T2 (As mentioned in Section B) shall not exceed 1% of the total contract value [T] as quoted in the Price Bid Format. However, Mobilization charges if quoted in excess of 1% of the total quoted contract value, the excess amount shall be paid at the end of the contract	Total Mobilization charges T2 (As mentioned in Section B) shall not exceed 5 ±% of the total contract value [T] as quoted in the Price Bid Format. However, Mobilization charges if quoted in excess of 5 ±% of the total quoted contract value, the excess amount shall be paid at the end of the contract	The equipment and manpower will need to mobilized from outside the country and requires extensive mobilization cost	No Change. As Per tender.
SCOPE OF WORK/ TERMS OF REFERENCE/TECHNICAL SPECIFICATION	3.0 WORK SCHEDULE: The services are: - i) Directional Drilling Service with MWD and LWD for Injector and Producer Wells. ii) Passive Magnetic Ranging Services with Independent Access Solutions for either Injector or Producer well	3.0 WORK SCHEDULE: The services are: - i) Directional Drilling Service with MWD and LWD for Injector and Producer Wells. ii) Active/Passive Magnetic Ranging Services with Independent Access Solutions for either Injector or Producer well	The bidder requests to keep provision for both	Passive Magnetic Ranging is a technique that uses residual/induced magnetic field (if applicable) to estimate direction and distance to an existing well, which shall not use Coil Tubing Units, Surface Logging Units to induce the said magnetic field.

Scope of Work (x) Manpower for Ranging Services: -	(xi) Well Designer/ Engineer: - Contractor to provide an experienced Well Designer/Engineer with a collective experience of 15(fifteen) years to design, monitor & execute the drilling program, after due approval from OIL. The Well Designer/Engineer must have experience in, but not limited to, drilling ultra shallow horizontal wells, Horizontal Wells for SAGD applications, including Independent and Dependent Ranging solutions, must be well versed with basic geology, must have knowledge of Mud Rheology, drilling problems and mitigations such as stuck pipe, mud loss, hole pack off. The Well Designer/Engineer will have to visit OIL House Jodhpur as and when required by OIL.			No Change. As Per tender.
Scope of Work (x) Manpower for Ranging Services: -	Directional Driller with 07 years of experience in drilling wells for SAGD Applications. He should be able to execute the job of high-angle/highdisplacement/high-displacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job, from planning to execution, along with the associated calculations and decisionmaking, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English. b. MWD/LWD Engineers with an experience of 05 years in drilling wells for SAGD Applications. He should be conversant with the technology,	Directional Driller with 07 years of experience in drilling wells for SAGD Applications. He should be able to execute the job of high-angle/highdisplacement/high-displacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job, from planning to execution, along with the associated calculations and decisionmaking, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English. b. MWD/LWD Engineers with an experience of 05 years in drilling wells for SAGD Applications. He should be conversant with the technology, including troubleshooting	Ranging Engineer shall have the experience for both DD/LWD Experience . There shall be one Ranging engineer across a 12 hour shift. In addition, there will be separate DD-MWD Engineers in each shift for directional drilling or MWD/LWD work	No Change. As Per tender.

	including troubleshooting for Independent access and ranging.	for Independent access and ranging. Ranging Engineer with 07 years of experience in drilling wells for SAGD Application He should be able to execute the job of high-angle/highdisplacement/high-displacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job, from planning to execution, along with the associated calculations and decisionmaking, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English. He should be conversant with the MWD/LWD technology, including troubleshooting for Independent access and ranging.		
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Schedule of Rates	For Set-2 (Ranging Services): = B8+C8+D7+E9+H4+H5 from Proforma-B Operating charges shall apply exclusively during periods when the surface current is actively being induced into the target well (if applicable), and distance/direction data is actively being recorded by the drilling BHA. Standby charges for Set-2 shall commence only 2 days prior to the actual lowering of the tool and shall apply during all nonoperating periods while the equipment is functional at the site. In the event of Set-2 equipment failure or an inability to induce the surface current when required by the well plan, Zero Rate shall apply to Set-2 until functionality is restored.	For Set-2 (Ranging Services): = B8+C8+D7+E9+H4+H5 from Proforma-B Operating charges shall apply exclusively during periods when the surface current is actively being induced into the target well (if applicable), and distance/direction data is actively being recorded by the drilling BHA. Standby charges for Set-2 shall commence only 2 days prior to the actual lowering of the tool after the completion of mobilization post the inspection of tools at rigsite and shall apply during all nonoperating periods while the equipment is functional at the site. In the event of Set-2 equipment failure or an inability to induce the surface current when required by the well plan, Zero Rate shall apply to Set-2 until functionality is restored.	The requested technology are very limited in nature and cannot be kept idle without generating any additional revenue with no reasons attributable to the contractor	Please refer to the Amendment issued.
Schedule of Rates	(viii) While drilling a SAGD well pair, operating and rental (standby) charges will be payable exclusively for the manpower providing directional and MWD/LWD services; provided, however, that during the specific sections of the second well requiring magnetic ranging, such charges shall be payable exclusively for the manpower providing ranging and MWD/LWD services.	The clause mentioned in the price sheet needs more clarity		No Change. As Per tender.
Schedule of Rates	STANDBY CHARGES RANGING SERVICES DIRECTIONAL DRILLER STANDBY CHARGES RANGING SERVICES MWD/LWD ENGINEER	STANDBY CHARGES RANGING SERVICES DIRECTIONAL DRILLER STANDBY CHARGES RANGING SERVICES MWD/LWD ENGINEER STANDBY CHARGES RANGING ENGINEER x 2(TWO)	The Ranging engineer shall ensure proper execution of ranging services and has technical knowledge on both DD-MWD Services	No change. As Per tender.

SCOPE OF WORK - (vii) Centrifuge services: -	Approved list for Tools / Equipment & Services: The Contractor shall provide Tools / Equipment & Services (mentioned above) from the approved list as shown in the table below: Solids Control System Centrifuge. 1. National Oil Well - Varco (Brandt) 2. MI Swaco 3. KMC Oil Tools (SCOMI) 4. Baroid 5. Alfa Laval	OIL has mentioned the approved list of makes of centrifuge, however have not mentioned any specifications for the centrifuge. Request Oil to confirm the specification for centrifuge as per recent tender no. GEM/2025/B/6627932:- DESCRIPTION: High Speed Decanter with Variable Speed Hydraulic Drive With Feed Pump / Charge Pump OR EQUIVALENT Motor HP for running the Centrifuge: 50 Motor HP for running Feed Pump:25 Centrifugal “G” force: 1900 - 2100G or higher	As there are different range of centrifuges available with the mentioned makers therefore requesting OIL to confirm the specification required.	No Change. As Per tender.
SCOPE OF WORK - (vii) Centrifuge services: -	Contractor shall provide one on-site centrifuge operator as part of the services. Payment for centrifuge services shall be made on a pro rata basis based on the equipment's operating hours.	Contractor shall provide one on-site centrifuge operator as part of the services. Payment for centrifuge services shall be made on a pro rata basis based on the equipment's operating hours days.	Since the centrifuge along with operator will be deployed on-site and kept available throughout the operational period, bidder requests OIL to consider payment for centrifuge services on a per-day basis for operating days.	No Change. As Per tender.

4.0 FINANCIAL EVALUATION CRITERIA:	4.4 In case the bidder is a subsidiary company (should be a wholly-owned subsidiary of the parent/ultimate parent/holding company), who does not meet financial criteria by itself and submits bid based on the financial strength of its parent / ultimate parent / holding company, then documents need to be submitted along with the technical bid in support of the following: A certificate from the statutory Auditor of the bidding company as well as of the parent / ultimate / holding parent company (supporting company) to establish the relationship and equity percentage holding between bidding company and the supporting company. The certificates should be duly certified 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.	Bidder seeking clarification that in case of foreign bidder. A certificate from the statutory Auditor of the bidding company/ Practising Chartered Accountant in India to establish the relationship and equity percentage holding between bidding company and the supporting company. The certificates should be duly certified by the Company Secretary or one of the Directors of the company concerned. Note: The above certificate should not be more than 90 days old as on the original bid closing date.		No change. As Per tender.
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4.0 FINANCIAL EVALUATION CRITERIA:	Notes to BEC Clause 4.0 above: (a). For proof of Annual Turnover from operations & Net worth, any one of the following documents/photocopies must be submitted along with the bid: (i) Financial Statements (Balance Sheet & Profit & Loss account along with all the schedules/notes forming part of the Balance sheet & Profit and Loss Account) audited by the auditors appointed under the statute like Companies Act etc. wherever applicable. In cases where the bidding/ supporting company (as applicable) are not required to prepare Audited Financial Statements as per the Law of the Land of the country of the bidding/supporting JV partner as applicable, the bidder shall provide documentary evidence for the same along with a certificate from a practicing Chartered Accountant or equivalent to this effect. The bidder must also submit the financial statement as per the accounting standards of the country of the bidding/JV partner as the case may be, duly certified by the practicing-chartered accountant or equivalent. OR (ii) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number & UDIN no), as per format prescribed in Proforma-CA.	In cases where the bidding/ supporting company (as applicable) are not required to prepare Audited Financial Statements as per the Law of the Land of the country of the bidding/supporting JV partner as applicable, the bidder shall provide documentary evidence for the same along with a certificate from a Practising Chartered Accountant in India or equivalent to this effect. The bidder must also submit the financial statement as per the accounting standards of the country of the bidding/JV partner as the case may be, duly certified from a Practising Chartered Accountant in India or equivalent. OR (ii) A certificate issued by a Practising Chartered Accountant in India/Cost Accountant (with Membership Number and Firm Registration Number & UDIN no), as per format prescribed in Proforma-CA.		No change. As Per tender.
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28.O Liquidated Damages: Sub Section d	d) LD will be calculated on the basis of Contract value excluding duties and taxes, where such duties/ taxes have been shown separately in the contract. However, the applicable GST on the LD shall have to be borne by the CONTRACTOR. Accordingly, the liquidated damages shall be recovered from the CONTRACTOR along with applicable GST.	d) LD will be calculated on the basis of Contract value excluding duties and taxes, where such duties/ taxes have been shown separately in the contract. However, the applicable GST on the LD shall have to be borne by the CONTRACTOR. Accordingly, the liquidated damages shall be recovered from the CONTRACTOR along with applicable GST.	GST is not applicable on LD as per CBIC Circular No. 178/10/2022-GST dated 03 August 2022	Clarified
27.11 - Remuneration And Terms Of Payment:	Payment of Final demobilization charges shall be made if applicable within 45 days on receipt of invoice by COMPANY accompanied by the following documents from the CONTRACTOR: a) Audited account up to completion of the Contract.	Payment of Final demobilization charges shall be made if applicable within 45 days on receipt of invoice by COMPANY accompanied by the following documents from the CONTRACTOR: a) Audited account up to completion of the Contract. a) Audited account up to/for the previous financial year in which contract is completed	Financial Accounts are audited at Entity level hence kindly consider revised modification as proposed	No change. As Per tender.

Annexure-3

Reply to Pre-Bid Queries against GeM Tender No. Gem/2026/B/7561254- Hiring Of Directional Drilling And Ranging Services For Five (05) Nos Of SAGD Wells Which Includes Ten (10) Horizontal Wells, Including Well Designing, Well Planning, Well Monitoring And Execution In Baghewala For A Period Of 03 (Three) Years.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
FORWARDING LETTER					
1	Page 2 (m)	Mobilization Period	i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days. ii. Mobilisation period for call-out tools is 45 <u>90</u> Days. iii. Mobilisation period for manpower is 10 days. iv. The re-mobilisation period for tools and equipment is 45 <u>90</u> days. Ref. tender doc. for details.	Kindly provide 90 days mob period for all mobilizations	Please refer to the Amendment issued.
2	2.0		In connection with its field office being located at Jodhpur, OIL invites Local Competitive Bids (LCB) from competent and experienced Contractors through GeM portal for Hiring of Directional Drilling and Ranging Services for five (05) nos of SAGD Wells which includes ten (10) Horizontal Wells, including Well Designing, Well Planning, Well Monitoring and Execution in Baghewala for a period of 03 (three) years.	Please confirm that this contract will be used only for the 5 pairs of SAGD Wells to be drilled at Baghewala field.	Confirmed.
SECTION II: BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA (BRC)					
3	3.1.1	Experience	The Bidder must have a minimum of seven (07) years of experience as of the original scheduled Bid Closing Date (BCD) in providing Directional Drilling Services for Horizontal / <u>highly deviated</u> wells, including the supply of equipment and competent personnel for E&P Companies	Requesting for addition of highly deviated wells as proof	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
4	3.1.2	Experience	The Bidder should have experience in designing & drilling directional wells and must have successfully executed: Minimum one (1) Horizontal Steam Assisted Gravity Drainage (SAGD) well in the last 7 years (Injector-Producer configuration) as of the original scheduled Bid Closing Date. SAGD well means parallel horizontal wells, with the injector located roughly 5 to 6 meters above the producer in the drain hole section using magnetic ranging or equivalent technology. Wellbores should be 90°±5° inclination at landing point with a minimum horizontal displacement (lateral length) of 150 m	Requesting for deletion of this experience criteria. We are unable to meet the tender qualification criteria if this point is retained. Kindly delete this point for us to be able to bid for this tender.	No change. As per tender.
5	3.2	SOW Compliance	Set-1 Horizontal Directional Tools/Equipment for Drilling Injector and Producer Wells. i) SDMM/RSS with Drilling Jar services and MWD – LWD for 12.1/4" and 8.1/2" hole sections. ii) Neutron, azimuthal density with imaging and caliper services for 12.1/4" and 8.1/2" hole sections (Call-Out). iii) 8" Multiple Activation Bypass Circulating Sub (Capacity of Minimum LCM Concentration: 80 ppb) iv) 6 ½" Multiple Activation Bypass Circulating Sub (Capacity of Minimum LCM Concentration: 80 ppb) v) Bed boundary image tool services for 8.1/2" sections (Call-out). vi) Services of Centrifuge	Request to remove the Nuclear tool callout scope. This is very difficult for us to provide in callout manner and also requires additional AERB licenses for our Indian entity which will delay mobilizations indefinitely	The Service mentioned in point no. (ii) will be required in both 12.1/4" & 8.1/2" hole section. No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			vii) Associated Manpower services		
6	3.4.2	Exp. Of Bidder's Personnel	Minimum experience requirements of Personnel: i) Directional Drillers (SAGD/ranging) with experience in short radius drilling with the use of RSS/SDMM: Minimum 5 years <u>3 wells drilled with tight anticollision tolerance < 5m ct-ct</u> ii) MWD/LWD Engineers: Minimum 3 years <u>3 wells drilled with tight anticollision tolerance < 5m ct-ct</u> iii) Ranging Specialists shall have a minimum of 5 years' experience in SAGD/ranging operations, including maintaining an approx. 5 m separation between SAGD wells, and shall be proficient in the use of Bed Boundary Tools. Bidder to confirm deployment of the above personnel in the technical Bid	Request to delete the Ranging / SAGD experience criteria for DD's and change the requirement for DD and MWD to have anti-collision wells as proof. This will also negate the requirement to have separate ranging crew	Please refer to the Amendment issued.
7	3.5	Mobilisation	i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days. ii. Mobilisation period for call-out tools is 45 <u>90</u> Days. iii. Mobilisation period for manpower is 10 days. iv. The re-mobilisation period for tools and equipment is 45 <u>90</u> days. Bidder to confirm the above mobilisation period in the Technical Bid.	Request to allow 90 days for each mobilization of firm / callout tools	Please refer to the Amendment issued.
8	3.6.1		Bidders quoting on the technical strength of Parent/Subsidiary/SisterSubsidiary/ Consortium member/Joint Venture partner Company's experience (who qualifies the technical requirement as per the tender qualifying criteria) should provide the respective services from the identified party (Supporting Company) on whose strength the bidder meets the qualifying criteria including key personnel for a minimum duration of 50% of the Contract period during execution of the contract. Declarations in this regard from the bidder as well as	Request for deletion for us to be able to bid for this tender	Please refer to the Amendment issued.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			the Supporting Company are required to be submitted along with the un-priced techno-commercial bid as per format enclosed.		
9	6.13		For items covering under List 16, it should be NIL duty (but contract says “List-16 of the Notification are subject to levy of concessional rate of customs duty subject to conditions specified therein”) - For items not covering under List 16, does the Customs duty on Contractor? (para 3 / page 40 – reads as “duty payable on merit shall be borne by Contractor”	need to check/replace	No change. As per Tender.
10	Page 46 (c)		On issuance of the Inspection Certificate to the bidder, TPI agency should share a copy of the same to concerned Purchase Officer through email directly (Email ID: km_kumar@oilindia.in). OIL will reserve the right to ask the inspection agencies to verify the documents with source, if required, at no extra cost to OIL. Verification/ Certification of documents by OIL's empanelled third-party inspection agencies shall not automatically make the bidder techno-commercially acceptable or eligible for award of contract.		No change. As per Tender.
PART I - GENERAL CONDITIONS OF CONTRACT (GCC)					
11	1.2.11	Service/Works/Operations:	Shall mean and include all items and things to be supplied/done and all work/Service to be performed by the CONTRACTOR as specified in the Scope of Work under this CONTRACT and shall also include all extra, additional, altered or substituted works/services as required mutually agreed for the purpose of successful execution of the Contract.	Any extra/ additional work or alteration or substitution of work / services to be mutually agreed.	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
12	1.2.14	Specification s:	Means and includes all technical specifications, provision attached and referred to in the tender/contract document regarding method and manner of performing the services and qualities of the service/materials to be provided under the contract and also as modified <u>upon mutual agreement</u> by <u>the parties COMPANY/its site representative</u> during the execution of contract in the best interest of service.	Any changes to the specifications to be mutually agreed.	No change. As per Tender.
13	3.2	Change Program:	It is agreed that CONTRACTOR shall carry out work in accordance with the completion program (e.g. Drilling Programme) to be furnished by the COMPANY, which may be changed from time to time by reasonable modifications in the program as COMPANY sees fit <u>upon mutual agreement</u> . COMPANY's instruction in this regard shall be final and binding.	Any changes to be mutually agreed.	No change. As per Tender.
14	12.1	Claims:	CONTRACTOR agrees to pay all claims, taxes and fees for equipment, labour, materials, services and supplies to be furnished by it hereunder and agrees to allow no lien or charge resulting from such claims to be fixed upon any property of COMPANY. COMPANY may, at its option, pay and discharge any liens or overdue charges for CONTRACTOR's equipment, labour, materials, services and supplies under this CONTRACT <u>after giving a minimum one week's prior written notice</u> and may thereupon deduct the amount or amounts so paid from any sum due, or thereafter become due, to CONTRACTOR hereunder.	A minimum one week's prior written notice to be given before any such pay offs.	No change. As per Tender.
15	12.3	Taxes	Please add: The Contractor would charge GST on recovery of reimbursement	Reimbursements are subject to GST in terms of the provisions of GST law. In the event where any reimbursement or recovery is to be done from the	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
				Company, an invoice will be raised along with GST in accordance with the applicable GST laws	
16	14.1 (a)	Insurance	The Contractor shall, at his own expense, arrange appropriate comprehensive insurance <u>as mentioned below herein</u> (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.	We request this change to ensure to avoid inconsistency, as OIL has expressly specified the insurance requirements in Cl. 14.12	No change. As per Tender.
17	14.1 (b)	Insurance	b) The Contractor shall also carry adequate insurance cover against damage/loss to third party/person/property <u>to cover the risks assumed by the Contractor under this Contract.</u>	Our insurances will cover the liabilities undertaken by us under the contract only.	No change. As per Tender.
18	14.1 (c)	Insurance	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.	Not applicable as there can not be any insurance for the work in progress considering the scope envisaged under this tender.	No change. As per Tender.
19	14.5	Waiver of subrogation:	Waiver of Subrogation <u>Except for the Workmen's Compensation / Employer's Liability Insurance for workmen engaged under this Contract which have been obtained by the Contractor/Consulting Firm as their corporate policy/rules, where OIL is neither required to be present as principal assured or additional assured,</u> all insurance policies of the Contractor/ Consulting Firm with respect to the operations conducted hereunder as set forth in clauses hereof,	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. CEG1335P26 for	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			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 <u>to the extent of the indemnities undertaken by the Contractor/ Consulting Firm under this Contract</u>	Hiring of Bundle Services for supporting Drilling Operations in Offshore Andaman Blocks AN-OSHP-2018/1 & ANOSHP-2018/2 for a period of 06 (Six) months, extendable by another 06 (Six) months at the same rates, terms and conditions - One firm well + One Optional well • Tender No. CDG1979P23 - Hiring of Integrated Drilling Services (IDS-1) • 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	

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
				Hiring of 03 (Three) Nos. Wireline Logging Units with Services.	
20	14.7	Additional Assured	Additional Assured: "Oil India Limited" is to be included as Additional Assured in the Insurance Policies (except in case of Workmen's Compensation/Employer's Liability insurance) <u>to the extent of liabilities assumed by Contractor under the Contract.</u>	Additional Assured status only to the extent of liabilities assumed by Contractor under the Contract.	No change. As per Tender.
21	14.9		If any of the above policy expire or/are cancelled during the term of this CONTRACT and CONTRACTOR fails for any reason to renew such policies, OIL in no case shall be liable for any loss/damage occurred during the term when the policy is not effective. Furthermore, a penal interest @ 1% <u>0.25%</u> of the Total contract value shall be charged towards not fulfilling of the contractual obligations. Notwithstanding above, should there be a lapse in any insurance required to be taken by the Contractor for any reason whatsoever, loss/damage claims resulting therefrom shall be to the sole account of Contractor	We request reduction in the penalty	No change. As per Tender.
22	14.12 (ii)	Commercial General Liability Insurance	Commercial General Liability Insurance: Commercial General Public Liability Insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of CONTRACTOR required to fulfil the provisions under this Contract.	This is a typo	No change. As per Tender.
23	14.12 (iii)	Comprehensive General Automotive Liability	Comprehensive General Automotive Liability: Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits shall be governed by Indian Insurance Regulations.	This is a typo	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
24	14.12 (iv)	Carrier's Legal Liability Insurance	Carrier's Legal Liability Insurance in respect of all CONTRACTOR's items to be transported by the CONTRACTOR to the site of work, for physical loss or destruction of or damage to goods or merchandise, while in transit	As our equipment are self-insured during transportation arranged by Contractor, we request deletion of this requirement.	No change. As per Tender.
25	15.1 & 15.2	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. <u>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</u> 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 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,	Typo in placement of the sentence.	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			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		
26	19	RISK PURCHASE:	In the event, CONTRACTOR's failure to provide the services as per the Contractual scope, terms and conditions, <u>and Contractor has not remedied such failure within a mutually agreed reasonable time</u> , COMPANY (OIL) reserves the right to hire the services from any other source at the CONTRACTOR's risk & cost and the difference in cost shall be borne by the CONTRACTOR. Further, OIL shall retain the right of forfeiture of Performance Bank Guarantee and any other action as deemed fit <u>as per Contract</u> . In certain operational situations OIL reserves the right to take over the site including the service equipment at the risk and cost of the CONTRACTOR.	Hiring of any other party or taking over the site cannot be at the "risk" of the Contractor. Contractor's equipment cannot be taken over by OIL. Any action taken to be as per the contract only.	No change. As per Tender.
27	21.0	INDEMNITY APPLICATION:	The indemnities given herein above, whether given by COMPANY or CONTRACTOR shall be without regard to fault or to the negligence of either party <u>and its Group</u> even though said loss, damage, liability, claim, demand, expense, cost or cause of action may be caused, occasioned by or contributed to by the negligence, <u>breach of duty (statutory or otherwise)</u> , either sole or concurrent of either party <u>and its Group</u> .	We request addition of the defined term of Group, in order to have a proper indemnity application.	No change. As per Tender.
28	23.2	WARRANTY AND REMEDY OF DEFECTS:	Should COMPANY discover at any time during the If such corrective Work is not performed within a reasonable time, the COMPANY, at its option may have such remedial Work performed by others and charge the cost thereof to CONTRACTOR subject to a maximum of the contract value payable for the defective work which needs corrective action which the CONTRACTOR must pay promptly. In case CONTRACTOR fails to perform remedial work, or pay promptly in respect thereof, the performance security shall	Rig and other facilities as required for the remedial work to be provided by OIL at its cost. —	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			be forfeited. <u>For clarity Rig and other facilities for the corrective work, shall be provided by Company</u>		
29	25.0	RECORDS, REPORTS AND INSPECTION	The CONTRACTOR shall, <u>upon serving prior written notice,</u> at all times during the currency of the contract, permit the COMPANY and its authorized employees and representatives to inspect all the Work performed and to witness and check all the measurements and tests made in connection with the said work (...)	We request for any inspection to be made upon serving prior written notice.	No change. As per Tender.
30	31.0	FORCE MAJEURE, 3 rd paragraph:	Should 'force majeure' condition as stated above occurs and should the same be notified within 72 (Seventy-two) hours after its occurrence the 'force majeure' Standby Day rate (if specified in the SCC of the Contract) shall apply for the first 15 (fifteen) days for each such occasion	–	No change. As per Tender.
31	31.0	FORCE MAJEURE, 4 th paragraph:	Either party shall have the right to terminate the Contract if such 'force majeure' conditions continue beyond successive 15 (fifteen) 60 (Sixty) days [or exclusively mentioned in the SCC of the Contract] with prior written notice of <u>15 7</u> days, provided termination of the Contract does not result into safety hazard to the life and property on account of withdrawal of operations or the operation is at critical stage. COMPANY shall have the absolute right to decide whether any safety hazard exists or operation is at critical position and decision of the COMPANY shall binding upon the CONTRACTOR.	If the FM continues for a period of more than 15 days, then both the parties shall have the right to terminate by giving 7 days' notice.	No change. As per Tender.
32	31.0	FORCE MAJEURE, 5 th paragraph:	Should either party <u>both parties</u> decide not to terminate the Contract even under such condition, no payment would apply after expiry of fifteen (15) days force majeure period. [or exclusively mentioned in the SCC of the Contract	We request this change to avoid contradiction with the above paragraphs wherein both parties can terminate the contract if it continues for 15 days. However,	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
				this para takes out that right to terminate.	
33	33.0	WITHHOLDING:	COMPANY may withhold or nullify the whole or any part of the amount due to CONTRACTOR, after informing the CONTRACTOR of the reasons in writing, on account of subsequently discovered evidence in order to protect COMPANY from loss on account of:	Company should not "nullify" any amount due to the contractor.	No change. As per Tender.
34	33.8	WITHHOLDING	COMPANY reserves the right to disburse or deposit the amount so withheld to the concerned person(s) or agency or government authority, as the case may be, besides nullifying such amount on account of loss suffered <u>claims received</u> by the COMPANY against 33.2, 33.3, 33.6 & 33.7 above.	Company should not "nullify" any amount due to the contractor.	No change. As per Tender.
35	37.3	GENERAL HEALTH, SAFETY & ENVIRONMENT (HSE) GUIDELINES:	<u>Unless otherwise specified</u> , any compensation arising out of the job carried out by the Contractor whether related to pollution, Safety or Health will be paid by the contractor only.	This should be subject to the indemnity and pollution related clauses elsewhere and hence we request this addition.	No change. As per Tender.
36	37.4	GENERAL HEALTH, SAFETY & ENVIRONMENT (HSE) GUIDELINES:	<u>Unless otherwise specified</u> , any compensation arising due to accident of the Contractor's personnel while carrying out the job, will be payable by the contractor.	This should be subject to the indemnity related clauses elsewhere and hence we request this addition.	No change. As per Tender.
37	39.0	Statutory Variation/Newly Enacted Law	Please add: In order to factor any changes on account of adverse interpretation of law by authority, the following clause should be added: <u>"Notwithstanding anything else contained herein, if subsequent to the date of submission of Bid, any new or additional taxes and</u>	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.	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			<u>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”</u>		
38	44.5	Termination for Unsatisfactory Performance	If the COMPANY considers that, the performance of the CONTRACTOR is unsatisfactory, or not as per the provision of the Contract, the COMPANY shall notify the CONTRACTOR in writing and specify in details the cause of <u>non-compliance dissatisfaction</u> . The COMPANY shall have the option to terminate the Contract by giving 15 days notice in writing to the CONTRACTOR, if CONTRACTOR fails to comply with the requisitions contained in the said written notice issued by the COMPANY. In the event CONTRACTOR rectifies its non-performance to the satisfaction of the COMPANY , the option of termination may <u>shall</u> not be exercised by the COMPANY.....	We request removal of subjective terms like “satisfactory”.	No change. As per Tender.
39	44.9		Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the COMPANY on giving 30 (thirty) days written notice to the CONTRACTOR due to any other reason not covered under the above Article from	Company to pay for services completed till date of termination plus demob fees	No change. As per Tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			44.1 to 44.8 and in the event of such termination the COMPANY shall not be liable to pay any cost or damage to the CONTRACTOR except for payment of services as per the Contract upto the date of termination <u>plus applicable demobilisation charges as per Proforma B.</u>		
40	44.10	Consequence of Termination	Last sentence: Demobilization charges shall not be payable by COMPANY in case of Article from 44.4 to 44.7 . <u>For clarity, demobilization charges shall be payable by COMPANY in case of termination under Article 44.9.</u>	Request OIL to expressly mention that demob fees will be paid under Cl. 44.9.	No change. As per Tender.
41	48.0	MISCELLANEOUS PROVISIONS, 3 rd paragraph:	During the tenure of the Contract, CONTRACTOR shall keep the site where the services are being performed reasonably free from all unnecessary obstruction and shall store or dispose of any equipment and surplus materials and clear away and remove from the site any wreckage , rubbish or temporary works <u>created by Contractor and</u> no longer required. On the completion of the services, CONTRACTOR shall clear away and remove from the site any surplus materials; rubbish or temporary works of every kind and leave the whole of the site clean and in workmanlike condition to the satisfaction of the COMPANY.	For clarity purposes. –	No change. As per Tender.
PART II - TERMS OF REFERENCE AND TECHNICAL SPECIFICATIONS OF EQUIPMENT					
42	1.0		OIL intends to hire Directional Drilling and Ranging Services for drilling five (05) pairs of horizontal wells for SAGD Applications for a duration of 3 (yrs).	Please confirm that this contract will only be used to drill the 5 pairs of SAGD injector + producer wells at Baghewala field	Confirmed.
43	2.4 Set 1		Set-1	Request removal of nuclear callout scope. This is very tough	The Service mentioned in point no. (ii) will be

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			Horizontal Directional Tools/Equipment for Drilling Injector and Producer Wells. i) SDMM/RSS with Drilling Jar services and MWD – LWD for 12.1/4" and 8.1/2" hole sections. ii) Neutron, azimuthal density with imaging and calliper services for 12.1/4" and 8.1/2" hole sections (Call-Out). iii) 8" Multiple Activation Bypass Circulating Sub (Capacity of Minimum LCM Concentration : 80 ppb) iv) 6 1/2" Multiple Activation Bypass Circulating Sub (Capacity of Minimum LCM Concentration : 80 ppb) v) Bed boundary image tool services for 8.1/2" sections (Call-out). vi) Services of Centrifuge vii) Associated Manpower services	for us to provide in callout fashion and requires extra AERB licenses for our local entity.	required in both 12.1/4" & 8.1/2" hole section. No change. As per Tender.
44	Note (Pg 88)		1. A separate mobilisation notice shall be issued for Set 1 and Set 2. 2. The mobilisation period for firm tools under Sets 1 & 2 is 90 Days. 3. Mobilisation period for call-out tools is 45 <u>90</u> Days. 4. Mobilisation period for manpower is 10 days. (Separate mobilization notice wherever applicable) 5. The re-mobilisation period for tools and equipment is 45 <u>90</u> days	Request to allow 90 days for all mobilizations of firm / callout tools	Please refer to the Amendment issued.
45	Page 89 4 (ii)		(ii) Contractor shall provide surface unit(s) required for executing the SAGD operation at the site as per Annexure-A. This is not limited to Directional	Requesting for clarity	Clarified.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			services, MWD/LWD and ranging services.		
46	Pg 90 (vi)		The minimum drift diameter of the Hydro-Mechanical / Hydraulic Jar for an 8.1/2" hole shall be 2.81" <u>2.75"</u>	Requesting for change so that standard Jars meet specification	Please refer to the Amendment issued.
47	Pg 92 (iii) RSS		The necessary spares /equipment to be supplied for drilling in the 12.1/4" and 8.1/2" sections for inclination, azimuth, and resistivity at the bit measurements in line with the above points (i) and (ii) and the NOTES attached along with.	We are not able to provide resistivity at bit. Our RSS provides Azi, Inc, GR only	Will be required. No change. As per tender.
48	Pg 94 (v) LWD Equipment along with Services		The Company will have the option to use the Bed Boundary Imaging Tool (CALL-OUT) in the Horizontal section (8.1/2" Drain hole), depending on the requirement.	Please clarify if Bed boundary tool will be used in both the injector and producer wells or each pair of wells or only either injector or producer each time	Clarified.
49	Pg 95 I Technology & Deployment Capabilities		Surface-Excited Magnetic Ranging: The Contractor shall deploy a proven magnetic ranging system capable of detecting an electromagnetic field generated by a surface-induced current applied directly to the target (injector) well's casing, if applicable. Accuracy Tolerances: The system must deliver real-time distance and direction measurements enabling the Directional Driller to maintain the 5m ± 1m interwell spacing throughout the entirety of the horizontal drain hole section, ensuring the surface-induced signal remains detectable and accurate at Total Depth (TD)	Kindly note that ranging service does not use a surface induced current, we use a surface magnetized casing for ranging. Kindly approve this method for us to be able to bid for this scope	Clarified.
50	Pg 95		Surface Current Application: The Contractor is solely responsible for the	Kindly note that ranging service does not use a surface	Clarified.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
	II. Independent Access & Surface Excitation Solutions		independent access and surface excitation solutions required to induce the current at the target wellhead, if applicable. The Contractor must guarantee that the surface-applied current yields a sufficient magnetic field along the entire lateral length of the injector well casing to be read by the drilling well's BHA.	induced current, we use a surface magnetized casing for ranging. Kindly approve this method for us to be able to bid for this scope	
51	Pg 96		Environmental Rating: All downhole ranging receivers/MWD tools deployed in the producer well must be rated to withstand the specific bottom-hole temperatures of the Infracambrian formations (capable of sustained operations in 120°C to 200°C thermal gradients, accounting for any pre-steamed adjacent zones).	Kindly confirm that all tools are required rated to 150 deg C	Please refer to the Amendment issued.
52	Page 96 Point 1	Commercial and Performance Accountability	Amendment Compliance: All services executed under this clause shall be billed strictly in accordance with the unit rates, MTBF standards, and equipment vintage requirements established in the formal amendment to the directional drilling contract. Call-out equipment will only be mobilised upon written instruction from the Company.	Please clarify meaning of this clause	Clarified.
53	Page 97 (viii)	Directional Drillers	Contractor will provide two experienced Directional Drillers (with a minimum of 5 years' <u>experience of drilling 3 wells with Ct-Ct < 5m in tight anticollision zones</u>) to execute the job at the rig, as per the plan provided by OIL.	Requesting change in DD experience from number of yrs to number of wells drilled in tight anti-collision situations which will also cover the requirement for the Ranging specialist DD. We do not require a separate ranging specialist DD during the time of	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
				execution as long as the DD is competent on tight anti-collision tolerance drilling.	
54	Page 98 (viii)	Directional Drillers	Last sentence: OIL reserves the right to modify its requirement of on-site Directional Driller anytime.	Kindly remove the open-ended statement	No change. As per tender.
55	Page 98 (ix)	MWD/LWD Engineers	Contractor will provide qualified, skilled, and experienced MWD/LWD Engineers (Minimum <u>5 years of experience of drilling 3 wells with Ct-Ct < 5m in tight anticollision zones</u>) for OIL's operation.	Requesting change in MWD experience from number of yrs to number of wells drilled in tight anti-collision situations which will also cover the requirement for the Ranging specialist MWD. We do not require a separate ranging specialist MWD during the time of execution as long as the MWD is competent on tight anti-collision tolerance drilling.	No change. As per tender.
56	Page 98-99 (x)	Manpower for Ranging Services		Kindly delete or make optional as we do not require this extra personnel to execute the ranging service using our patented method	Please refer to amendment issued.
57	Page 99 (xi)	Well Designer	Contractor to provide an experienced Well Designer/Engineer with a collective experience of 15(fifteen) years to design, monitor & execute the drilling program, after due approval from OIL. The Well Designer/Engineer must have experience in, but not limited to, drilling ultra shallow horizontal wells, Horizontal Wells for SAGD applications, including Independent and Dependent Ranging solutions,	Our well designers experienced in this kind of drilling are located outside the country. Requesting for allowance to have online availability of them during the course of the project.	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			must be well versed with basic geology, must have knowledge of Mud Rheology, drilling problems and mitigations such as stuck pipe, mud loss, hole pack off. The Well Designer/Engineer will have to visit OIL House Jodhpur as and when required by OIL. <u>The Well Designer / Engineer will be available online during the course of the project to assist Oil India in planning and execution of the project</u>		
58	Page 99 5.0	Call-Out	OIL retains the prerogative to utilise the services described below on a "CALLOUT" basis. Contractor is required to give an undertaking to mobilise one or more of the under-noted Call-Out services within 45 (forty-five) <u>90 (ninety)</u> days from the date of the independent mobilisation notice issued by OIL.	Requesting for 90 days mob time for all services including callout services	Please refer to amendment issued.
59	Pg 100 5.1 NEUTRON POROSITY, AZIMUTHAL DENSITY WITH IMAGING & CALIPER (for 12.1/4" & 8 1/2" HOLE):		Contractor shall deploy 1 set (including backup) of Neutron, Azimuthal density & Calliper tool for deployment in 12.1/4" and 8.1/2" sections on a CALL-OUT basis. The specifications for the Bed Boundary imaging tool are provided in Annexure F	Requesting deletion of the nuclear scope as we are unable to provide this in a callout fashion. This also requires extra AERB licenses for our local entity. Kindly consider	Will be required. As per tender.
60	Pg 100 5.2 DISTANCE & DIRECTION TO BED BOUNDARY		Contractor shall deploy 1set (including back-up) of DBBI tool for 8.1/2" section as per specifications mentioned in Annexure-G & H. The services of one DBBI/well placement specialist with a minimum of 2 years of well placement	Requesting for allowance of Well placement engineers to be located remotely instead of at the rigsite for this callout scope. Kindly consider	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
	IDENTIFICATION FOR 8.1/2" HOLE SECTION:		experience must be provided, along with the DBBI tool, at the wellsite remotely at Bidder's base in India during the DBBI tool's operating mode. A comprehensive pre- & post-report must be submitted for wells incorporating DBBI tools.		
61	Pg 103 6.3 Telemetry and Tool Compatibility Note:		The Contractor must ensure that all downhole tools, specifically the MWD/LWD mud pulsers and the SDMM elastomer stators, are fully compatible with the specified mud types, including the presence of "Liquid Casing" fine LCM materials.	Requesting deletion of the last part of the sentence as our tools will not be compatible with any magnetic LCM	No change. As per tender.
62	Page 104 7.0 PERSONNEL FOR DIFFERENT SERVICES:		(i) Directional Engineer / Driller. (ii) MWD / LWD Engineer/Operator. (iii) Directional Engineer / Driller (For Ranging Services Only) (iv) MWD / LWD Engineer/Operator (For Ranging Services Only) (v) Centrifuge Operator (vi) Base Manager at Jodhpur The Contractor must provide one Base Manager (Sl. No. iv) to be stationed at Jodhpur (Base office).	As mentioned above, enhancing the experience criteria of the DD and MWD engineers will suffice the requirement of execution. In the method that we execute ranging jobs, we do not need an extra ranging specialist DD or MWD. Also requesting allowance to have base manager remotely supporting this callout scope	No change. As per tender.
63	Page 105 (c)		Contractor shall arrange and provide training/workshop to 07 (seven) numbers of OIL's personnel on SAGD technology and it's application at free of cost. Travelling and Accommodation expenses of OIL's personnel shall be borne by OIL.	Requesting deletion. Periodic knowledge transfer and post job quality meetings will be conducted instead which will be more effective in our opinion	No change. As per tender.
64	Pg 106 9.4		Field calibration of the MWD / LWD / Ranging tools shall be provided by the Contractor.	Requesting for deletion as there is no field calibration of MWD/ LWD / ranging tools required in	Please refer to the Amendment issued.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
				our SOP. All calibrations are done in the shop instead.	
65	Pg 110 Annexure C		DLS : 17.5" 2.5 — 5 deg / 100ft Measurement Accuracy : Toolface 1.5 3 deg Min. Flow Rate: 300 GPM & Max. Flow Rate: 550 GPM or more for 17½" hole section	Request deletion as we will not be drilling the 17.5" section Requesting change of Toolface accuracy to 3 deg as is standard across other contracts	Please refer to the Amendment issued.
66	Pg 112 Annexure E		ECD and ESD CAPABILITY : Pressure sensor to identify ECD (Equivalent Circulating Density) and ESD (Equivalent Static Density) Should be able to provide measurements in both OFF and ON conditions of the Pumps Should be able to take min And max pressure measurements during LOT	We are able to provide ECD but not ESD. Requesting for deletion of ESD related points.	Please refer to the Amendment issued.
67	Pg 114 Annexure G		The services of one DBBI specialist with 2 years or more of well placement experience must be provided along with the DBBI tool at the well site during the operating mode of the DBBI tool in a 12-hour shift (total 2 nos.) at no additional cost. Internet services to be taken care of by the Contractor only at the well site & workplace, and must be seamless without any interruptions.	Requesting allowance for well placement engineers to be stationed remotely in Bidder's Inda base instead of wellsite	Please refer to the Amendment issued.
68	Pg 115 Annexure H		(iv) Neutron, Azimuthal Density with imaging & Calliper (RHONPH I) hole size: 12.1/4" and 8.1/2"		Will be required. No change. As per tender.
SECTION III: SPECIAL CONDITIONS OF CONTRACT (SCC)					
69	1.15		Contractor's base camp: It will be the Contractor's responsibility to maintain	Request for deletion. We propose to operate this callout	Please refer to the Amendment issued.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			adequate space and utilities at their designated base in and around Jodhpur for storage of their Equipment, Tools, etc. and workshop needs. All costs associated with establishing and running such a facility will be to the Contractor's account.	contract from one of our existing bases in India	
70	4.0		In the event of a lean period, the Contractor's tools, including manpower, shall be temporarily demobilised after completion of a particular well upon receipt of the Company's notification within 24 hours. No operating or rental(standby) charges will be payable after the demobilisation notice has been issued for the particular set. <u>However, Company shall pay the Contractor the demobilisation fees as per Proforma B irrespective of the location of demobilisation of the Contractor's tools</u> <u>Such lean period mentioned in the above paragraph shall not exceed 60 days from the demobilisation notice, post which applicable daily rental/standby rental shall apply.</u> <u>Further, Company right to demobilise Contractor's tools, including manpower more shall be limited to two times only during the term of the Contract.</u> Contractor shall re-mobilise the required tools & equipment, including manpower for a particular set, within 45 (Forty-five) <u>90 (ninety)</u> days from the date of the remobilisation notice. In such a situation, the Contractor shall be paid Mobilisation/Demobilisation charges, including only relevant costs as per their quote.		No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
71	6.2		Security: The Company shall organise all possible help from the local government/ administration to Contractor personnel and equipment in case of natural disasters, civil disturbances and epidemics. The security of the <u>Contractor's base</u> Camp, including Contractor's Equipment and personnel, and the deployment of security personnel, etc., shall, however, be the responsibility of the Contractor.	for clarity	No Change. As per tender.
72	8.0		The Contractor shall adhere to tangible Key Performance Indicators (KPIs) established for this Contract, specifically including a minimum MTBF of 1000 hours for high-temperature MWD tools, maximum allowable Non-Productive Time (NPT) for surface ranging equipment, and adherence to the 5m±1m SAGD inter-well trajectory tolerances in the drain hole section. The same shall be used for performance benchmarking during execution. Should the rate of progress of the operations or any part of them be, at any time, too slow in the opinion of the Company's representative, to ensure completion of the operations within the schedule, the Company's representative may so notify the Contractor in writing. The Contractor shall reply to the written notice giving details of the measures that the Contractor proposes to take to expedite the operations. If no satisfactory reply to the Company's notice is received in seven days, the Company shall be	This is a niche service being delivered in India for the first time. While we are confident of providing the service based on our global experience, there will be a learning curve during the project. Request to delete the KPI's as we cannot accept them without having drilled a few wells first.	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			free to take necessary actions as deemed fit. Each downhole tool/equipment should have a sufficient number of backup tools/equipment/spares/consumables to ensure uninterrupted directional drilling and ranging.		
73	13		Notwithstanding any provision of this contract to the contrary, Company shall assume liability, except in the event of wWillful Misconduct or Gross Negligence on the part of the contractor, Note: No Mobilisation cost would be payable towards the replacement of LIH tools, <u>where LIH occurs due to Contractor's Gross Negligence or Willful Misconduct. For clarity, mobilisation charges / costs incurred for mobilisation shall be paid for LIH not occurring from Contractor's Gross Negligence or Willful Misconduct.</u>	Willful Misconduct is a defined term. Hence to be capitalised to maintain consistency in contract interpretation.	No change. As per tender.
74	15	Data Interpretation	Since all data interpretations are based on inference from electrical or other measurements, Contractor cannot and does not guarantee the accuracy or correctness of any interpretation andCompany agrees that under no circumstances shall Contractor be liable for any consequential loss or damages on this account except in case of wWillful <u>Misconduct negligence</u>	Willful negligence is not a defined term. Request to use the defined term, wilful misconduct	No change. As per tender.
75	18 A	Fishing	In the event that any of the Contractor's Equipment is lost/stuck in the well or at the <u>s</u> Site, then the Company shall	"Site" is a defined term and hence to be capitalised for consistency in contract interpretation.	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
76	18 B	Radioactive Material	In accepting any order to perform Company shall absolve and hold Contractor harmless against all losses, costs, damages and expenses incurred or sustained by Company or any third party, irrespective of the cause, excluding w Willful <u>Misconduct</u> and g Gross n Negligence by Contractor or its agents, servants, officers or employees, resulting from any such use of radioactive material.	Request to use the defined terms	No change. As per tender.
77	20	Liability for Well or Reservoir	third party liabilities arising out of the above irrespective of the cause; and the Company agrees that it shall absolve the Contractor and protect, defend, indemnify and hold the Contractor and its sub-contractors, its agents and its parents, subsidiaries and affiliates, its other contractors and/or its and their directors, officers, employees, consultants and invitees harmless from and against all claims, suits, demands and causes of actions, liabilities, expenses, costs and judgments of every kind and character (including without limitation for the loss or damage of any property, or the injury or death of any person), without limit, in favour of any person, party or entity, resulting from any of the above, including costs incurred by Company in this respect. Provided that such loss, damage, etc., as stated in (i) to (iv) above, is not caused on account of willful misconduct or gGross nNegligence of the Contractor, <u>its Sub-Contractor, their employees or equipment and tools, including costs incurred by Company in this respect.</u> or its personnel or any third party.	Request Company to split the para as indemnity from Company applies to all events under (i) to (iv). As per standard OIL clause.	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
78	22	Limitation of Liability	Notwithstanding any other provisions herein to the contrary, except only in cases of w Willful m Misconduct and/or _ Gross Negligence	We request deletion of Gross Negligence as it is not a standard practice/clause of OIL	No change. As per tender.
79	26 Mobilisation period		i) The initial mobilisation of Tools for Horizontal Directional Drilling Services (Set-1) to be completed within 90 (Ninety) days from the date of issue of the mobilisation notice, and the demobilisation/re-mobilisation between SAGD well pairs to be completed within 45 (forty-five) <u>90 (ninety)</u> days of issuing the de-mobilisation notice. ii) Initial Mobilisation of tools for Ranging Services (Set-2) to be completed within 90 (Ninety) days from the date of issue of the mobilisation notice, and the demobilisation/re-mobilisation between SAGD well pairs to be completed within 45 (forty-five) <u>90 (ninety)</u> days of issuing the de-mobilisation notice.	Request for 90 days allowance for all mobilizations	Please refer to the Amendment issued.
80	27 Mobilisation Period For Call-Out Tools:		A Mobilisation Notice for call-out items would be issued separately for individual tools. The mobilisation of call-out tools should be completed within 45 (forty-five) <u>90 (ninety)</u> days.	Request for 90 days allowance for all mobilizations	Please refer to the Amendment issued.
81	28 (a)	Liquidated Damages	If the contractor is unable to mobilise/deploy and commence the operation within the period specified in clause 26.0 & 27.0 above, Liquidated Damages, a sum equivalent to @ 0.5% of the <u>Annual contract value of the respective set</u> , per week or part thereof of delay, subject to a maximum of 7.5% of the Contract value from Proforma B of the respective set will be levied. <u>No LD to be levied if there is no actual loss to OIL</u>	Requesting for few changes to the LD clause: - Kindly levy LD on ACV instead of TCV - Kindly levy LD as 0.5% of ACV of the respective Set	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
				(Set 1 or 2) and not on Set 1 + 2 - Kindly do not levy LD if there is no actual loss to OIL due to a delay in mobilization (eg well pad not ready at end of mob period)	
82	28 (d)		Contractor/company will not charge GST on recovery of Liquidated damages	In view of Government clarification no. 178/10/2022 – GST, no GST is applicable on recovery of Liquidated damages. Hence, the contractor/company will not charge GST on such recovery.	Clarified.
83	Clause Specific to this Tender, 38	Emergency	The company reserves the right to use the manpower and equipment of the Contractor in the advent of any emergency like situation leading to uncontrollable pollution. <u>In such event, notwithstanding anything to the contrary herein, COMPANY shall release, indemnify and hold CONTRACTOR Group harmless from any and all claims, judgments, losses, expenses and any costs related the loss/damage of Contractor's equipment and/or injury/death of Contractor's personnel.</u>	Company shall be responsible in such event.	No change. As per tender.
84	(New Clause)		Please insert new provision as follows: <u>Company acknowledges and agrees that any waste / debris arising out of the work shall remain Company's responsibility and Company shall be the owner of the same.</u>		No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			<u>Company shall dispose off such waste / debris by complying with applicable laws, regulations or statute.</u>		
85	(New Clause)	IMPORT/EXPORT LAW COMPLIANCE	Please insert new provision as follows: <u>In connection with the work to be provided under the Contract, each Party shall comply and shall endeavor to ensure that Contractor or Company along with its affiliates, comply at all times with all applicable trade embargo and export control laws, rules and regulations, including, without limitation, those of the United States, and shall not export or re-export any goods, directly or indirectly, without first obtaining all written consents, permits, or authorizations and completing such formalities as may be required by any such laws, rules or regulations. Each Party agrees that it shall hold harmless and indemnify the other Party for its breach of the applicable laws and regulations.</u>	This is to ensure compliance with the applicable trade control laws and to avoid any violation of such rules and regulations by both parties.	No change. As per tender.
SECTION IV - SCHEDULE OF RATES					
86	1.0 (A) (i)	MOBILISATION CHARGES OF TOOLS/EQUIPMENT/MAINTENANCE: (B+F) of Proforma B	Note: OIL will certify within 3 working days after receiving confirmation of mobilisation completion from the Service provider. <u>If OIL delays certification beyond 3 days from receipt of confirmation of mobilisation, then mobilisation shall be deemed complete and applicable rentals shall commence from 4th day onwards.</u> However, for successive re-mobilisations, certification will not be necessary; OIL may inspect the tools/equipment for each re-mobilisation.	Request OIL to include deemed mobilisation if OIL fails to inspect within 3 days.	No change. As per tender.
87	1.0 (A) (ii)	MOBILISATION CHARGES OF	Mobilisation charges should cover local and foreign costs to be incurred by the Contractors to mobilise the equipment to the mobilisation point as decided by OIL and should include all duties	Contractor will not be liable for any demurrage caused by delays	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
		TOOLS/EQUIPMENT/MA NPOWER: (B+F) of Proforma B	including all local and foreign taxes, port fees/charges including demurrage (if any <u>incurred solely attributable to the Contractor</u>) and inland transport to the mobilisation point as decided by OIL etc. (on the items declared in Proforma- A), except customs duty, which will be to OIL's account, if applicable.	not attributable to the Contractor.	
88	1.0 (A) (iv)	MOBILISATION CHARGES OF TOOLS/EQUIPMENT/MA NPOWER: (B+F) of Proforma B	Mobilisation charge will not be released based on the arrival of individual tools/equipment, although there will be individual mobilisation charges (lump sum) for different tools/equipment. Mobilisation will be considered to be completed only after the following conditions from (a) to (e) (without any exception) are met. (a) All Individual tools & equipment (surface & sub surface) as per contractual obligation (technical Spec. & quantity wise) arrive at OIL's designated site, unless specified by OIL.		No change. As per tender.
89	1.0 (B) (iv)		Final Demobilisation/De-Hiring charges will be payable on clearance of all the equipment from the Indian Port/Customs authorities for re-export of equipment to the Contractors' base. However, OIL shall not be obliged to pay demobilisation charges for the unit/equipment if, upon completion of the Contract/termination, the Contractor does not remove its tools from the area of last operation, or if the Contractor commences operations under any other contract(s) for other operators. All charges connected with demobilisation,	Tools being requested for are specialized in nature and in very high demand in India and globally. After completion of this contract at the time of final demobilization it is the prerogative of the Contractor as to where to put the equipment in use for future. Kindly do not link the payment of demobilization charges to this. Demobilization charges should be paid at all instances. Kindly consider	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			including all fees, duties and taxes in relation thereto, insurance and freight within India or on export/re-export outside India, will be to the Contractor's account.		
90	1.0 (B) (vi)	DEMOBILISATION CHARGES OF TOOLS/EQUIPMENT/MANPOWER: C of Proforma B	In case of need for a lean period/temporary suspension of the Company's activity due to operational reasons, the Company retains the right to De-Mobilise the Contractor's Equipment & Tools (any set) and Re-Mobilise the consignment when well operations recommence. <u>Such lean period shall not exceed 60 days from the demobilisation notice, post which applicable daily rental/standby rental shall apply. Further, Company right to demobilise Contractor's tools, including manpower more shall be limited to two times only during the term of the Contract. A 45 (Forty five) 90 (ninety) days period for Re-Mobilisation shall be provided from the date of the Re-Mobilisation Notice of each set.</u>	Requesting for 90 days allowance for all mobilizations	No change. As per tender.
91	C (ii)		ii) For Set-2 (Ranging Services): = B8+C8+D7+E9+H4+H5 from Proforma-B Operating charges shall apply exclusively during periods when the surface current is actively being induced into the target well (if applicable), and distance/direction data is actively being recorded by the drilling BHA. Standby charges for Set-2 shall commence only 2 days prior to the actual lowering of the tool and shall apply during all nonoperating periods while the equipment is functional at the site. In the event of Set-2 equipment failure or an inability to induce the surface current when required by the well plan <u>(if applicable)</u> , Zero Rate shall apply to Set-2 until functionality is restored.	We do not need to induce a surface current in our method of passive magnetic ranging. Standby rates for Set 2 should be payable at all points even while Set 1 is operational. Kindly consider	No change. As per tender.
92	C (ii) (1) & (2)		1. During the applicable operating period mentioned above, only operating charges shall be payable.	Request for clarity. While ranging service is not operational and directional	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			2- Only operating charges for either Horizontal Directional Drilling Service or Ranging Services shall be paid during the respective operating period.	drilling services are operational we should be paid ODR for directional services and standby for ranging services. When ranging services and directional services are operational we should be paid ODR for both of them as they are not mutually exclusive to each other. Kindly consider	
93	C (iii) For call-out services, excluding Distance and Direction to the bed boundary imaging tool (RNS)		DISTANCE AND DIRECTION TO BED BOUNDARY IMAGING TOOL (RNS): Payment shall be made strictly per drain hole drilled, as per Proforma B. This charge includes all operating and standby times for the DBBI tool and the equipment for that specific drain hole. The deployment of the DBBI tool remains at the sole discretion of the Company. In the event of DBBI tool failure or failure to provide satisfactory boundary identification data, no charges whatsoever shall be payable for that respective drain hole. The Quality and Analysis of the data will be vetted by OIL.	We have a lot of experience in bed boundary detection in India and globally. Bed boundary detection depends on lot of factors downhole which are not in Bidder's control. We are OK with zero rate in case of tool failure but we are not ok with zero rate in case some factors outside our control compromise the bed boundary detection, eg low resistivity contrast etc	No Change. As per tender.
94	(vi)		vi) In the event of Contractors base manager is not available at any point in time during the period of contract, penalty of INR 10,000/- per day shall be applicable.	Request for deletion	No Change. As per tender.
Proforma R – Technical Matrix					
95	Pg 183 2.4		SET-1: HORIZONTAL DIRECTIONAL TOOLS/EQUIPMENT FOR DRILLING	Requesting deletion of nuclear service for this scope	Will be required.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			INJECTOR AND PRODUCER WELLS ii) Neutron, Azimuthal Density with Imaging and Caliper Services for 12.1/4" and 8.1/2" hole sections (Call-Out).		No change. As per tender.
96	Pg 183 2.4		NOTE: A separate mobilisation notice shall be issued for Set 1 and Set 2. The mobilisation period for firm tools under Sets 1 & 2 is 90 Days. Mobilisation period for call-out tools is 45 <u>90</u> Days. Mobilisation period for manpower is 10 days. (Separate mobilization notice wherever applicable) The re-mobilisation period for tools and equipment is 45 <u>90</u> days	Requesting for 90 days allowance for all mobilizations	Please refer to the Amendment issued.
97	Pg 185 4.1		vi) The minimum drift diameter of the Hydro-Mechanical/Hydraulic Jar for an 8.1/2" hole shall be 2.81" <u>2.75"</u>		Please refer to the Amendment issued.
98	Pg 187 Annexure C		- DLS (per 100'): 17.1/2" Section: 2.5°-5°/100'; 12.1/4" Section: 2.5°-7°/100'; 8.1/2" Section: 2.5°-7°/100' - Measurement Accuracy – Tool Face: ±1.5° <u>3 deg</u> - Flow Range – 17.1/2" Hole: Min. 300 GPM & Max. 550 GPM or more - (iii) Rotary Steerable Systems (RSS): Contractor to provide RSS services, at the discretion of the Company, in 12.1/4" and 8.1/2" sections. The necessary spares/equipment to be supplied for drilling in the 12.1/4" and 8.1/2" sections for inclination, azimuth, and resistivity at the bit measurements.	Requesting corrections	Please refer to the Amendment issued.
99	Pg 190 Annexure E		ECD and ESD Capability: Pressure sensor to identify ECD (Equivalent Circulating Density) and ESD (Equivalent Static Density) Measurement Capability: Should be able to provide measurements in both OFF and ON conditions of the pumps LOT Capability: Should be able to take min and max pressure measurements during LOT	Requesting removal of ESD service. We can provide ECD service instead	Please refer to the Amendment issued.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
100	Pg 191 Comprehensive Ranging Services		2. Accuracy Tolerances: The system must deliver real time distance and direction measurements enabling the Directional Driller to maintain the 5m ±1m inter well spacing throughout the entirety of the horizontal drain hole section, ensuring the surface induced signal remains detectable and accurate at Total Depth (TD). 3. Environmental Rating: All downhole ranging receivers/MWD tools deployed in the producer well must be rated to withstand specific bottom hole temperatures of the Infracambrian formations (capable of sustained operations in 120°C to 200°C thermal gradients, accounting for any pre-steamed adjacent zones).	Request deletion of these clauses. Please confirm tools need to be rated only to 150 deg C	Please refer to the Amendment issued.
101	Pg 193		viii) DIRECTIONAL DRILLERS: - Contractor will provide two experienced Directional Drillers (with a minimum of 5 years' experience <u>of 3 wells drilled with very tight anti-collision tolerance < 5m Ct-Ct</u>) to execute the job at the rig, as per the plan provided by OIL. He should be able to execute the job of high-angle/high-displacement/highdisplacement/Horizontal/side-track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job, from planning to execution, along with the associated calculations and decision-making, so the job can be performed. He should be able to carry out sidetrack jobs from open or cased hole with/without whipstock, for directional operations. Directional drillers shall be capable of making the decisions and calculations required for the job and will make the necessary decisions during well drilling. However, in case of operational problems, OIL's decision will be final.	Requesting to change the DD experience criteria from yrs to wells and add the criteria of past wells drilled in tight anti collision tolerance zones with Ct-Ct < 5m. Having a DD with this experience and competence will negate the requirement for a separate DD for ranging services	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			The Directional Driller will work in close liaison with OIL engineers / Drillers on the rig/base. They shall be fluent in speaking and writing English. Field Engineers should be conversant with the job assigned and shall have complete knowledge of the equipment being supplied by the Contractor. OIL reserves the right to modify its requirement of on-site Directional Driller anytime.		
102	Pg 194		ix) MWD/LWD Engineers: - Contractor will provide qualified, skilled, and experienced MWD/LWD Engineers (Minimum 5 years of experience of 3 wells drilled with very tight anti-collision tolerance < 5m Ct-Ct) for OIL's operation. They must have documented training and experience that verify their ability to operate modern DD/MWD/LWD logging tools. The engineers must be fluent in written and spoken English. The LWD/MWD Engineer will be responsible for, including but not limited to, the following:	Requesting to change the MWD experience criteria from yrs to wells and add the criteria of past wells drilled in tight anti collision tolerance zones with Ct-Ct < 5m. Having an MWD with this experience and competence will negate the requirement for a separate MWD for ranging services	No change. As per tender.
103	Pg 194		(x) Manpower for Ranging Services:- Contractor to provide the following manpower for Ranging Services:- a. Directional Driller with 07 years of experience in drilling wells for SAGD Applications. He should be able to execute the job of high angle/high displacement/highdisplacement/Horizontal/side track wells (open/cased hole) or any other well from kick-off to target, continuously at a rig, using tools provided by the Contractor. He should have complete knowledge of the job, from planning to execution, along with the associated calculations and decision-making, so the job can be performed. He should be able to drill the current well with Independent Access Passive Ranging	In the method that we use for Ranging, we do not need a separate dedicated DD / MWD for ranging services. By adding the anti-collision experience criteria to the standard DD and MWD requirement OIL can be sure that the personnel provided will be capable of handling the ranging services without actually needing to mobilize separate crew just for it which is a redundancy in our case. Kindly consider	No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			Technology with reasonable precision and successfully complete the SAGD Pair. He should be fluent in spoken and written English. b. MWD/LWD Engineers with an experience of 05 years in drilling wells for SAGD Applications. He should be conversant with the technology, including troubleshooting for Independent access and ranging.		
104	Pg 196 5.0		Call-out services shall be quoted by the Bidder in accordance with the Price Bid Format. OIL retains the prerogative to utilise the services described below on a "CALL-OUT" basis. Contractor is required to give an undertaking to mobilise one or more of the under-noted Call-Out services within 45 (forty five) <u>90 (ninety)</u> days from the date of the independent mobilisation notice issued by OIL	Requesting 90 days for all mobilizations	Please refer to the Amendment issued.
105	Pg 196 5.1		NEUTRON POROSITY, AZIMUTHAL DENSITY WITH IMAGING & CALIPER (for 12.1/4" & 8½" HOLE) – CALL-OUT ANNEXURE-F: NEUTRON, AZIMUTHAL DENSITY WITH IMAGING & CALIPER SPECIFICATIONS (12.1/4" & 8.1/2" – Call Out)	Deletion requested	Will be required. No change . As per tender.
106	Pg 197 Annexure G		Services of one DBBI specialist with 2 years or more of well placement experience at the well site during operating mode in a 12-hour shift (total 2 nos.) at no additional cost	Requesting for allowance for well placement engineers to be stationed at Bidder's base in India for this callout scope	Please refer to the Amendment issued.
107	Pg 197 6.0		Contractor shall provide the following categories of personnel for running the well operation on a round-the-clock basis: i) Directional Engineer / Driller ii) MWD / LWD Engineer / Operator iii) Directional Engineer / Driller (For Ranging Services Only) <u>if applicable</u> iv) MWD / LWD Engineer / Operator (For Ranging Services Only) <u>if applicable</u> v) Centrifuge Operator	Please make the ranging specific crew optional if applicable to ranging workflow of individual Bidder	Please refer to the Amendment issued.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			vi) Base Manager at Jodhpur The personnel (Sl. No.i to v) as described above will be deployed by the Contractor at the well site. The bio-data of personnel engaged by the Contractor shall comply with the Company's requirements specified in the tender. The Contractor must provide one Base Manager (Sl. No. iv) to be stationed at Jodhpur (Base office).		
108	Pg 199 7.0 C) Training		Contractor shall arrange and provide training/workshop to 07 (seven) numbers of OIL's personnel on SAGD technology and its application at free of cost. Travelling and Accommodation expenses of OIL's personnel shall be borne by OIL		No change. As per tender.
109	Pg 200 8.0		8.4 Field calibration of the MWD/LWD/Ranging tools shall be provided by the Contractor	Requesting deletion as there is no field calibration for our services. All calibrations are done at the shop instead	Please refer to the Amendment issued.
110	Pg 200 Annexure J		12.1/4" Section: 8"/8.1/2" / <u>8.25"</u> SDMM with stabilizer – 1 No. (1 Backup)	All our Motors are 8.25" nominal diameter in all our contracts in India. Requesting allowance to have the same here as well	Please refer to the Amendment issued.
111	Pg 202		9.3 Telemetry and Tool Compatibility Note: The Contractor must ensure that all downhole tools, specifically the MWD/LWD mud pulsers and the SDMM elastomer stators, are fully compatible with the specified mud types, including the presence of "Liquid Casing" fine LCM materials.		No change. As per tender.
Proformas					
112	Pg 210 Proforma XX			Requesting to kindly delete Proforma-XX. We will not be able to bid if this Proforma is not deleted. Kindly consider.	Please refer to the Amendment issued.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
113	Pg 213 Proforma Y		3.1.1 The Bidder must have a minimum of seven (07) years of experience as of the original scheduled Bid Closing Date (BCD) in providing Directional Drilling Services for Horizontal / <u>highly deviated</u> wells, including the supply of equipment and competent personnel for E&P Companies. 3.1.2 The Bidder should have experience in designing & drilling directional wells and must have successfully executed: Minimum one (1) Horizontal Steam Assisted Gravity Drainage (SAGD) well in the last 7 years (Injector-Producer configuration) as of the original scheduled Bid Closing Date. SAGD well means parallel horizontal wells, with the injector located roughly 5 to 6 meters above the producer in the drain hole section using magnetic ranging or equivalent technology. Wellbores should be 90°±5° inclination at landing point with a minimum horizontal displacement (lateral length) of 150 m.	Kindly allow highly deviated wells experience to be shown for 3.1.1 Kindly delete 3.1.2 for us to be able to bid for this tender.	No change. As per tender.
114	Pg 214 Set 1		ii) Neutron, azimuthal density with imaging and caliper services for 12.1/4" and 8.1/2" hole sections (Call-Out).	Requesting deletion of nuclear scope from this tender as we are unable to provide this in callout fashion and this also requires added AERB licenses for our local entity	Will be required.
115	Pg 216 3.4		3.4.1 The Bidder shall deploy competent personnel experienced in Horizontal and SAGD well operations, including ranging. i) Directional Drillers (SAGD/ranging) with experience in short radius drilling with the use of RSS/SDMM: Minimum 5 years <u>3 wells with tight anticollision tolerance < 5m Ct-Ct</u> ii) MWD/LWD Engineers: Minimum 3 years <u>3 wells with tight anticollision tolerance < 5m Ct-Ct</u> iii) Ranging Specialists shall have a minimum of 5 years' experience in		No change. As per tender.

S.NO	CLAUSE	DESCRIPTION	QUERY / SUGGESTION	REMARKS	OIL's Reply
			SAGD/ranging operations, including maintaining an approx. 5 m separation between SAGD wells, and shall be proficient in the use of Bed Boundary Tools.		
116	Pg 217 3.5 Mobilization		i. The Mobilisation period for firm tools under Sets 1 & 2 is 90 Days. ii. Mobilisation period for call-out tools is 45 90 Days. iii. Mobilisation period for manpower is 10 days. iv. The re-mobilisation period for tools and equipment is 45 <u>90</u> days.		Please refer to the Amendment issued.
117	Pg 222 3.6.1		Bidders quoting on the technical strength of Parent/Subsidiary/SisterSubsidiary/Consortium member/Joint Venture partner Company's experience (who qualifies the technical requirement as per the tender qualifying criteria) should provide the respective services from the identified party (Supporting Company) on whose strength the bidder meets the qualifying criteria including key personnel for a minimum duration of 50% of the Contract period during execution of the contract. Declarations 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.	Kindly delete for us to be able to participate in the tender.	Please refer to the Amendment issued.

S.NO	CLAUSE	QUERY / SUGGESTION	REMARKS	OIL's Reply
		SECTION II: BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA (BRC)		
1		Request OIL to allow consortium to bid and to include the standard BEC clause as below: Bid from Consortium of Companies: In case the Bidder is a Consortium of Companies, the following requirement should be complied by the consortium: (i) Any member of the consortium on its own shall satisfy the minimum experience requirement as per Clause No. 3.1 above and shall not rely on its consortium partners, subsidiary/parent company/co-subsiary or through any other arrangement like Technical Collaboration agreement for meeting the experience criteria. (ii) Consortium bids shall be submitted with a Memorandum of Understanding (MoU) among the consortium members duly executed by the Authorized Executives of the consortium members and notarized. This MoU must accompany the bid. The MoU must state that the Consortium Member on whose experience/strength the Consortium is bidding, is bound to execute the full part of the contract which falls under/related to the experience submitted by them against Clause No. 3.1 of BEC above. Moreover, the MoU must clearly define the role/scope of work of each partner/member and should clearly define the leader of consortium. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for discharging all obligations under the contract. However, the leader of the consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the 'scope of work' of this bid document. In case of		Please refer to the amendment issued.

S.NO	CLAUSE	QUERY / SUGGESTION	REMARKS	OIL's Reply
		award, such MOU shall be kept valid through the entire contract period, including extensions, if any. (iii) Only the Leader of the consortium should register against the tender in e-Tender portal and submit bid on behalf of the Consortium. The other members of the Consortium shall ratify all the acts and decisions of the Leader of Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract. (iv) The Bid Security shall be in the name of the Leader of the consortium on behalf of consortium with specific reference to consortium bid and with name(s) & address(es) of Consortium members. Similarly, the Performance Security shall be in the name of the Leader on behalf of the Consortium. (v) The leader of the consortium on behalf of the consortium shall coordinate with OIL during the period the bid is under evaluation as well as during the execution of works in the event contract is awarded and he shall also be responsible for resolving dispute/ misunderstanding/ undefined activities, if any, amongst all the consortium members. If the leader of the consortium changes during execution of the contract (if awarded), the contract shall be liable for termination. (vi) Any correspondence exchanged with the leader of consortium shall be binding on all the consortium members. (vii) Payment shall be made by OIL to the individual members of the consortium towards fulfilment of contract obligations. (viii) In case of consortium bids, the bid shall be signed/digitally signed in line with tender stipulation by the leader of consortium. The power of attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the bid. (ix) Documents/details submitted with the bid pertaining to qualification of the bidder must be furnished by each partner/ member of consortium and should be complete in all respects clearly bringing up their experience especially in the form of work in their scope. (x) The leader of the consortium must confirm unconditional acceptance of full responsibility of executing the "Scope of Work" of this tender. This confirmation must be submitted along with the technical bid.		

S.NO	CLAUSE	QUERY / SUGGESTION	REMARKS	OIL's Reply
		(xi) Constitution of Consortium: The members of the consortium should not be more than 03 (Three). If during evaluation of bid, a consortium leader proposes any alterations/changes in the constitution or replacement or inclusion or expulsion of any partner(s)/member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to his knowledge at any time, the bid of such a consortium shall be liable for rejection. Similarly, under such a situation the contract shall be liable for termination, if already awarded. (xii) Signing of Contract: In the event of award of contract to the consortium, the contract to be signed by all the members of the consortium and the liability of each one of them shall be jointly and severally. (xiii) Members of the consortium are not allowed to quote separately/ independently/or through any other arrangement like part of any other JV/Consortium against this tender. All the bids received in such case shall be summarily rejected. Further, all bids from parties with technical support from the same Principal shall be rejected. (xiv) The MOU/Agreement should be legally valid i.e. it should be on a nonjudicial stamp paper and notarized. In case of involvement of overseas bidder/consortium partner, the MOU/Agreement need not be on a nonjudicial stamp paper, however it should be notarized.		
2		In case of consortium bid, the leader of the consortium and the members of consortium should be paid separately	It is requested that the leader of the consortium and each member of the consortium be paid separately against their respective invoice in their respective bank accounts. This is critical to maintain distinction between the work to be performed by each party of consortium	Please refer to the amendment issued.

S.NO	CLAUSE	QUERY / SUGGESTION	REMARKS	OIL's Reply
3		In case of consortium bid, the leader of the consortium and the members of consortium be allowed to submit separate invoices for the relevant scope of work performed	It is requested that the leader of the consortium and each member of the consortium be allowed to submit a separate invoice for their respective scope of work. This is critical to maintain distinction between the work to be performed by each party of consortium	Please refer to the amendment issued.
4		In case of consortium bid, separate scope of work should be clearly defined in the contract providing the details of responsibility of leader of the consortium and the members of consortium	It is requested that in case of consortium bid, separate scope of work should be clearly defined in the contract providing the details of responsibility of leader of the consortium and the members of consortium. This is critical to maintain distinction between the work to be performed by each party of consortium	Please refer to the amendment issued.
5		Each party of consortium should be independently liable for the respective scope of work performed by them	It is requested that each party of the consortium be independently liable for the respective scope of work performed by them. This is critical as it will help each party of consortium in	Please refer to the amendment issued.

S.NO	CLAUSE	QUERY / SUGGESTION	REMARKS	OIL's Reply
			performing risk profiling for the scope of work to be performed by them and also perform cost benefit analysis for their relevant scope of work.	

S.NO	CLAUSE	QUERY / SUGGESTION	REMARKS	OIL's Reply
SECTION II: BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA (BRC)				
1.	3.1.2	We request OIL to kindly remove this clause 3.1.2 in entirety and any reference of clause 3.1.2 from BEC and include this clause in the scope of work with following changes: The Bidder's <u>group company or any engaged third party</u> should have experience in designing & drilling directional wells and must have successfully executed: Minimum one (1) Horizontal Steam-Assisted Gravity Drainage (SAGD) well in the last 7 years (Injector-Producer configuration) as of the original scheduled Bid Closing Date. SAGD well means parallel horizontal wells, with the injector located roughly 5 to 6 meters above the producer in the drain hole section using magnetic ranging or equivalent technology. Wellbores should be 90°±5° inclination at landing point with a minimum horizontal displacement (lateral length) of 150 m <u>In support of the experience outlined above, the following documents must be submitted with the unpriced Techno-commercial Bid.</u> (i) <u>Technical proof eg. SPE publication; or</u> (ii) <u>Copy of Contract Agreement / Work Order</u>	We kindly request OIL to remove the experience requirement specified under clause 3.1.2 of the BEC and incorporate the same in the scope of work with the modifications outlined here. Further, all references to clause 3.1.2 in the BEC may please be deleted accordingly. Please note that bidder will be able to provide only SPE paper publication as supporting documentation, which will have reference of bidder in general, rather than specifying the particular bidder legal entity, for the purpose of demonstrating the required experience. Additionally, bidder will not be able to submit any document, other than SPE paper publication as indicated herein, to satisfy the experience requirement.	No change. As per tender.
