

OIL INDIA LIMITED
(A GOVT. OF INDIA ENTERPRISE)
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AMENDMENT NO. 3 DATED 26.11.2021 TO TENDER NO. CDG8352P22 FOR 'HIRING OF HIGH PERFORMANCE WATER BASE MUD (HPWBM) SYSTEM WITH TWO (02) SETS OF SERVICES ALONG WITH SUPPLY OF SPECIAL CHEMICALS AND TWO (02) SETS OF CENTRIFUGE SERVICES (ONE SET ON CALL BASIS) FOR A PERIOD OF THREE (03) YEARS WITH A PROVISION FOR EXTENSION BY ANOTHER ONE (01) YEAR TO DRILL APPROXIMATELY 45 NUMBERS OF SELECTED WELLS IN OIL'S OPERATIONAL AREAS IN ASSAM & ARUNACHAL PRADESH'.

This Amendment to Tender No. CDG8352P22 is issued to notify the following:

- 1) **Bid Closing & Opening date stands amended as under:**
 - (i) **Bid Closing date & Time:** 21st December, 2021 [11:00Hrs (IST)]
 - (ii) **Technical Bid Opening date & Time:** 21st December, 2021 [14:00Hrs (IST)]
- 2) Few tender clauses stands amended as stipulated in **ENCLOSURE-I** attached herewith.
- 3) OIL's response to pre-bid queries have been uploaded on OIL's e-Procurement Portal.

All other terms & conditions of the tender will remain unchanged.

Sd/-
(B. Brahma)
Sr. Manager – Contracts (G)
For General Manager – Contracts

AMENDMENTS TO CLAUSES OF TENDER NO. CDG8352P22

Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
PART-2: BID EVALUATION CRITERIA (BEC)			
1	B 3.0 (Page 29 of 209)	Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the Bid closing date (set after finalization of tender clauses based on pre-bid conference) and the Financial Statements of the preceding financial/ accounting year are not available with the Bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial/ accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking as per Proforma-T certifying that the balance sheet/Financial Statements for the financial year _____ (as the case may be) has actually not been audited as on the Original Bid closing date.	Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months reckoned from the original bid closing date /within the due date for furnishing of audit report as per Section 139(1) of IT Act, 1961 (read along with latest circulars/notifications issued by CBDT from time to time) and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three financial/accounting years excluding the preceding financial/accounting year will be considered. However, the bidder has to submit an affidavit/undertaking as per Proforma-T certifying that the balance sheet/Financial Statements for the financial year _____ (as the case may be) has actually not been audited as on the Original bid closing date.
Part-3; SECTION-II; SCOPE OF WORK (SOW)/TERMS OF REFERENCE (TOR)/ TECHNICAL SPECIFICATIONS			
2	4.1 B (II) (Page 88 of 209)	Minimum qualification of the Centrifuge engineer shall be Bachelor degree in Engineering/Science or equivalent. The age of the Centrifuge Engineers should not be more than 65 years as on the original bid closing date of this Tender.	Minimum qualification of the Centrifuge engineer shall be Diploma in Engineering/Science graduate . The age of the Centrifuge Engineers should not be more than 65 years as on the original bid closing date of this Tender.

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
3	4.1 B (IV) (Page 88 of 209)	The Centrifuge engineers should have a minimum of three (03) years' experience in maintenance & services of centrifuge.	The Centrifuge engineers should have a minimum of Five (05) years experience in maintenance & services of centrifuge.
4	4.2 (IV) (Page 88 of 209)	All the spares and consumables required to run the centrifuge shall be provided by the contractor. All spares and necessary arrangements must be at the site to avoid any breakdown. No payment will be made during breakdown period of the centrifuge.	All the spares and consumables including valves & fittings, pipes, suction & delivery lines, washing lines etc required to run the centrifuge within its battery limit shall be provided by the contractor. OIL shall provide one opening in the mud tank as per contractors design and one closing valve. All spares and necessary arrangements must be at the site to avoid any breakdown.
5	4.2 (VIII) (Page 89 of 209)	Operation / maintenance of Centrifuge shall be provided by the Contractor along with the power requirement and motor HP for running this facility. OIL will provide electrical power having specification of 415V, 3-Phase, 50Hz without Neutral. All Electrical equipment such as Motor, Starter, Remote push button switch, Junction box, Plug-Socket, Cable glands etc. used with the Centrifuge unit and not placed at safe distance, shall be suitable for use in oilfield hazardous area of Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standard. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body shall be submitted prior to commencement of operation. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.110]. However, bidders to provide an undertaking along with the bid clearly stating that they will supply the	Operation / maintenance of Centrifuge shall be provided by the Contractor along with the power requirement and motor HP for running this facility. OIL will provide electrical power having specification of 415V, 3-Phase, 50Hz without Neutral. All Electrical equipment such as Motor, Starter, Remote push button switch, Junction box, Plug-Socket, Cable glands etc. used with the Centrifuge unit and not placed at safe distance, shall be suitable for use in oilfield hazardous area of Zone-I or Zone-II and Gas group II-A & II-B of oil mines and shall confirm to IS/IEC/EN: 60079 standard. Details of certification / test reports confirming to the above relevant standard from an Indian government laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX or NEMA notified body shall be submitted prior to commencement of operation. [Ref: Oil Mines Regulation, 2017, Regulation no.96 and CEA (Measures relating to safety and electric supply) Regulations, 2010, regulation no.110]. However, bidders to provide an undertaking along with the bid clearly stating that they will supply the

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
		centrifuge unit as per the NIT specification along with all the necessary documents.	
6	4.2 (IX) (Page 89 of 209)	NEW CLAUSE	Layout drawing and reinforcement details (if any) for centrifuge skid need to be provided by the selected bidder before commencement of operation.
7	4.2 (X) (Page 89 of 209)	NEW CLAUSE	4x35 sq. mm EPR screen cable of 100m length with two nos. of BCH plug of 125 amp (5pin) shall be supplied by the selected bidder for connecting centrifuge to PCR.
8	4.3 (Page 89 of 209)	<p align="center">SPECIFICATION OF CENTRIFUGE:</p> <p>Make: Brandt/ MI-SWACO/ Scomi/Halliburton / Derrick / Kemtron</p> <p>Model: Variable speed drive, hydraulic or VFD</p> <p>Description: High Speed Decanter with Variable Speed Hydraulic / VFD Drive</p> <p>Capacity: 200 - 250 GPM with feed pump / charge pump (Make: Sepex / Netzsch/ or equivalent). Progressive cavity pump.</p> <p>Motor H.P for Centrifuge: 40-60 HP</p> <p>Motor H.P for Feed Pump: 10-25 HP</p> <p>G-Force: 2000-3200 G</p> <p>Bowl Speed: 3400-4000 rpm</p> <p>Bowl Diameter: 14 inch</p>	<p align="center">SPECIFICATION OF CENTRIFUGE:</p> <p>Make: Brandt/ MI-SWACO/ Scomi/Halliburton / Derrick / Kemtron</p> <p>Model: Variable speed drive, hydraulic or VFD</p> <p>Description: High Speed Decanter with Variable Speed Hydraulic / VFD Drive</p> <p>Capacity: 200 - 250 GPM with feed pump / charge pump (Make: Sepex / Netzsch/ or equivalent). Progressive cavity pump.</p> <p>Motor H.P for Centrifuge: 40-60 HP</p> <p>Motor H.P for Feed Pump: 10-25 HP</p> <p>G-Force: 1600-3200G</p> <p>Bowl Speed: 2800-4000 rpm</p> <p>Bowl Diameter: 14 inch</p>
9	11.0 (II) (Page 96 of 209)	Selected bidder has to submit a toxicity (LC ₅₀ >30000 mg/L) test report of all individual chemicals prior to transfer of chemicals, or before commencement of operation. Contractor shall also perform the QC tests on mud samples and all mud related products on request.	Selected bidder has to submit a toxicity (LC ₅₀ >30000 mg/L) test report of all chemical additives/Proposed mud system prior to transfer of chemicals, or before commencement of operation. Contractor shall also perform the QC tests on mud samples and all mud related products on request.

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
10	11.0 (III) (Page 96 of 209)	The selected Bidder has to submit 1kg / 1L of each chemical for conducting performance test at Chemical Laboratory, Duliajan as per API/BIS/OIL specifications prior to commencement of operation. Contractor must replace the chemical not conforming to the specifications. It is to be noted that performance evaluation of the samples will take minimum 30 days.	<p>The selected Bidder has to submit 1kg / 1L of each chemical for conducting performance test at Chemical Laboratory, Duliajan as per API/BIS/OIL specifications prior to commencement of operation. Contractor must replace the chemical not conforming to the specifications. It is to be noted that performance evaluation of the samples will take minimum 30 days.</p> <p>Successful bidder shall carry out advanced laboratory studies for design and optimization of the mud systems by performing some tests including wellbore stabilization evaluation by Clay recovery in Clay dispersion test, Linear swell meter test etc. to optimize mud systems for progressive refinements as perceived from time to time. The successful bidder shall perform these tests of the mud system with the offered chemicals in accredited laboratory at their own cost and submit a report prior to the commencement of operation. The test results must be within the acceptable limit as indicated in the table given as Appendix-I.</p> <p>The contractor must perform these advanced tests once in a year with the samples collected from either well site or their warehouse and submit test report to OIL.</p>
11	12.0 (I) (Page 96 of 209)	OIL shall provide a skid mounted laboratory bunk with electricity & water connection at wellsite. The Contractor has to supply all the mud testing equipment as per the provision under the contract.	OIL shall provide a skid mounted laboratory bunk with electricity & water connection at wellsite. The Contractor has to supply all the mud testing equipment as per the provision under the contract. OIL shall provide compressed air supply. However, Contractor has to provide required line/pipe of approximate 100m length with pressure regulator to be used inside the laboratory.

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
12	15.4 (Page 99 of 209)	Expected Mud parameters at 45° ± 2° C after hot rolling at 120° ± 2° C for 24 hrs: Gel Strengths 0'/10'(lbs/100ft2) 6-12 /10-30 6-10/ 10-25 6-10 /10-25	Expected Mud parameters at 45° ± 2° C after hot rolling at 120° ± 2° C for 24 hrs: Gel Strengths 0'/10'(lbs/100ft2) 6-12/ 8 -30 6-10/ 8 -25 6-10/ 8 -25

Part-3; SECTION-III; SPECIAL CONDITIONS OF CONTRACT (SCC)

13	1.12 (Page 107 of 209)	<p>“Petty Support Services” as mentioned in Clause 16.1 under Section-I (General Conditions of Contract) means the following:</p> <p>(i) Transportation of Contractors chemicals, equipments from their warehouse to designated wellsite and vice versa and from one location to next location.</p> <p>(ii) Transportation to and fro to the designated drilling site/base camp of Contractor’s personnel during crew change from time to time, boarding and lodging etc.</p> <p>(iii) Accommodation bunk house for Contractor’s Mud engineers and centrifuge Engineers at well site/base camp.</p>	<p>“Petty Support Services” as mentioned in Clause 24.1 under Section-I (General Conditions of Contract) means the following:</p> <p>(i) Transportation of Contractors chemicals, equipments from their warehouse to designated wellsite and vice versa and from one location to next location.</p> <p>(ii) Transportation to and fro to the designated drilling site/base camp of Contractor’s personnel during crew change.</p> <p>(iii) Hiring of warehouse facility for storing contractor's chemicals & equipment, security personnel for warehouse etc.</p> <p>(iv) Food at wellsite and/or base camp.</p>
14	2.1 (Page 107 of 209)	<p>The mobilization of Crew, Chemicals, Mud test equipment, tools etc. should be completed by the Contractor within one hundred and twenty (120) days from the date of issue of mobilization notice.</p> <p>The Mobilization shall be deemed completed only when all requisite personnel, accommodation bunk, lab equipment and required chemicals are mobilized at site and positioned to undertake / commence the assigned work under the contract at the first drilling location at Assam or</p>	<p>The mobilization of all the equipment, tools, chemicals & personnel under the services shall commence on the date of receipt of the mobilization notice from OIL and continue till the completion of mobilization in all respect.</p> <p>The mobilization of Crew, Chemicals, Mud test equipment, tools etc. should be completed by the Contractor within one hundred and twenty (120) days from the date of issue of mobilization notice.</p> <p>The Mobilization shall be deemed completed only when all requisite personnel, accommodation bunk, lab</p>

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
		<p>Arunachal Pradesh, duly certified by Company's Chemist / Engineer.</p>	<p>equipment and required chemicals are mobilized at site and positioned to undertake / commence the assigned work under the contract at the first drilling location at Assam or Arunachal Pradesh, duly certified by Company's Chemist / Engineer.</p> <p>However, the contractor shall store sufficient stock of all the chemicals at their warehouse for two-three wells prior to commencement of operation and to maintain a healthy stock of all the chemicals at any point of time during the currency of the contract for uninterrupted operation for both sets of services.</p>
15	8.1 (Page 110 of 209)	<p>Mud Engineers & Centrifuge Engineers:</p> <p>In case the operations/services need to be temporarily suspended for a reasonable length of time due to operational reasons, OIL reserves the right to issue interim demobilization notice to the Mud engineers & Centrifuge engineers. In such situation contractor shall be paid Interim de-mobilization charges. At the discretion of OIL, Interim de-mobilization may be applicable once or number of times.</p> <p>No Operating or Standby charges is payable from the time interim demobilization notice is issued till re-mobilization is completed on OIL's request.</p> <p>Interim Re-mobilization charges are payable to Mud engineers & Centrifuge engineers as and when OIL issues notification to this effect.</p> <p>Interim remobilization of Mud engineers & Centrifuge engineers at the designated site is to be completed within 07 (seven) days</p>	<p>Mud Engineers & Centrifuge Engineers:</p> <p>In case the operations/services need to be temporarily suspended for a reasonable length of time due to operational reasons, OIL reserves the right to issue interim demobilization notice to the Mud engineers & Centrifuge engineers. In such situation contractor shall be paid Interim de-mobilization charges. At the discretion of OIL, Interim de-mobilization may be applicable once or number of times.</p> <p>No Operating or Standby charges is payable from the time interim demobilization notice is issued till re-mobilization is completed on OIL's request.</p> <p>Interim Re-mobilization charges are payable to Mud engineers & Centrifuge engineers as and when OIL issues notification to this effect.</p> <p>Interim remobilization of Mud engineers & Centrifuge engineers at the designated site is to be completed within 14 (Fourteen) days from the time & date of notification by OIL.</p>

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
		from the time & date of notification by OIL.	
16	11.3 (Page 111 of 209)	The Contractor shall appoint a Project Manager/ Co-Coordinator as the Contractor's representative who shall be in charge of Contractor's personnel /equipment and who shall have full authority to resolve all day to day matters including any issues arises at the site.	The Contractor shall appoint a Base Co-Coordinator at Duliajan as Contractor's representative who shall be in charge of Contractor's personnel /equipment/ Chemical and who shall have full authority to resolve all day to day matters.
17	12.0 (Page 112 of 209)	WARRANTY AND REMEDY OF DEFECTS: The defect liability period against this contract shall be 3 (three) months after final demobilization notice.	WARRANTY AND REMEDY OF DEFECTS: The defect liability period against this contract shall be until Contractor's demobilisation from Site.
18	14.0 (b) (Page 113 of 209)	Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the Contractor in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 50% of the Annualized Contract Price, provided however that this limitation shall not apply to the cost of repairing or replacing defective equipment by the Contractor, or to any obligation of the Contractor to indemnify the Company with respect to Intellectual Property Rights.	Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the Contractor in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 50% of the Annualized Contract Price, provided however that this limitation shall not apply to any obligation of the Contractor to indemnify the Company with respect to Intellectual Property Rights.
19	17.11 (Page 114 of 209)	Well-site Accommodation: Contractor has to provide accommodation bunk house(s) for their personnel. All electrical apparatus and accessories including Air Conditioner of all bunk houses to be deployed in the well site/location, must be of FLP type. The electrical apparatus and accessories need to be DGMS approved for placement of the same in DGMS classified hazardous area. Should be suitable for use in hazardous area	Well-site Accommodation: Contractor has to provide accommodation bunk house(s) for their personnel. All electrical apparatus and accessories including Air Conditioner of all bunk houses to be deployed in the well site/location, must be of FLP type. The electrical apparatus and accessories need to be DGMS approved for placement of the same in DGMS classified hazardous area. Should be suitable for use in hazardous area of zone-I and gas group IIA & IIB in oil mine and shall conform to IS/IEC/EN:

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
		of zone-I and gas group IIA & IIB in oil mine and shall conform to IS/IEC/EN: 60079-0:2011 & IS/IEC/EN: 60079-1:2007 as per clause No.: 107 of OMR-2017. The bunk house should come with 120 m 3 Phase Power cable.	60079-0:2011 & IS/IEC/EN: 60079-1:2007 as per clause No.: 107 of OMR-2017. The bunk house should come with 120 m, 3x6 sq. mm EPR screen cable with one number of BCH plug of 32 amp (5pin).
20	26.0 (Page 117 of 209)	ACCOMMODATION/OFFICE SETUP/STORE: Accommodation for Contractor's Mud engineers and Centrifuge Engineers at well site/base camp shall be arranged by contractor at their own cost. However OIL will provide electrical power supply, water connection to the contractor's accommodation bunk house at site. OIL will provide a skid mounted laboratory bunk at well site. All the necessary drilling fluid testing equipment/ glass wares, chemicals/ reagents and consumables for testing of mud as per API / BIS standards shall be provided by the contractor. OIL will not be responsible for storage and maintenance of contractor's items including chemicals at the warehouse/base camp.	ACCOMMODATION/OFFICE SETUP/STORE: Accommodation for Contractor's Mud engineers and Centrifuge Engineers at well site/base camp shall be arranged by contractor at their own cost. However OIL will provide electrical power supply, water connection to the contractor's accommodation bunk house at site. Sewage facility to the accommodation bunk shall be provided by OIL wherever possible. However, if the same is not possible due to space constraint at wellsite then common toilet facility will be provided to the contractor's personnel. OIL will provide a skid mounted laboratory bunk at well site. All the necessary drilling fluid testing equipment/ glass wares, chemicals/ reagents and consumables for testing of mud as per API / BIS standards shall be provided by the contractor. OIL will not be responsible for storage and maintenance of contractor's items including chemicals at the warehouse/base camp.
21	28.4 (ii) (Page 118 of 209)	Company shall assume all responsibility for (including control and removal of the pollutant on surface involved) and shall protect, defend and save the Contractor harmless from and against all claims, demands and causes of action of every kind and character arising from all pollution, contamination, which may occur from any cause, except pollution or contamination for which the Contractor assumes liability in terms of sub- clause 10.4 (i) above.	Company shall assume all responsibility for (including control and removal of the pollutant on surface involved) and shall protect, defend and save the Contractor harmless from and against all claims, demands and causes of action of every kind and character arising from all pollution, contamination, which may occur from any cause, except pollution or contamination for which the Contractor assumes liability in terms of sub- clause 28.4 (i) above.

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Sl. No.	Section/ Clause No.	Original Clause	Amended Clause
22	28.4 (iv) (Page 118 of 209)	NEW CLAUSE	Handling & management of Effluent/waste generated during drilling, drill cuttings, left over drilling fluid shall be the responsibility of OIL. OIL shall also be responsible for disposal of empty drums, jars, bags generated from contractor's chemicals.
23	34.0 (Page 122 of 209)	WARRANTY OF CHEMICALS/ CONSUMABLES: Chemicals/Consumables/ equipment to be supplied under the contract shall be new, of recent make, of the best quality and shall be guaranteed by the Contractor/ Seller for a period of 12 months from the date of shipment/dispatch. Defective or damaged chemicals /consumables /equipment shall be replaced immediately by the Contractor /Seller free of charge on delivery at Duliajan site basis including payment of all taxes and duties at Contractor's/ Seller's expenses.	Chemicals/Consumables/ equipment to be supplied under the contract shall be new, of recent make, of the best quality. Defective/damaged/expired chemicals /consumables /equipment shall be replaced immediately by the Contractor /Seller free of charge on delivery at Duliajan site basis including payment of all taxes and duties at Contractor's/ Seller's expenses.
24	37.6 (Page 128 of 209)	NEW CLAUSE	In the event of denial of benefit to the contractor provided under notification no.3/2017-Central Tax and similar notification under state and integrated tax or notification no. 50/2017-Customs or no issuance of Essentiality certificate by DGH for reason not attributable to the contractor, contractor shall charge applicable customs duty on import or goods and service tax on supply as per the HSN code of the product.
Part-3; SECTION-IV; SCHEDULE OF RATES (SOR)			
25	8.b (Page 132 of 209)	Interim remobilization of mud engineers at the designated site is to be completed within 07 (seven) days from the time & date of notification by OIL.	Interim remobilization of mud engineers at the designated site is to be completed within 14 (Fourteen) days from the time & date of notification by OIL.

APPENDIX-I
Special Test for Chemicals
(Ref. Sl. No. 10 above)

Parameters	Permissible range
Wellbore stabilization evaluation	
Clay recovery in Clay dispersion test (after hot rolling at 120 deg. ± 2deg C for 15hrs), test to be conducted on 2% (w/v) compressed Bentonite pellets	80% (minimum) with 60 ASTM sieve after drying temperature 100deg ± 2deg C for 12hrs
Linear swell meter test (test time 07hrs)	
Swelling (%) in water of Bentonite pellets (20 gm of dry pre dehydrated Bentonite at 100deg ± 2deg C in oven is to be taken in to compactor dish and apply pressure of 10000 psi for 30 min for making pallet	Disperse 100%
Swelling (%) of Bentonite pellet in sample mud	12% maximum