

OIL INDIA LIMITED
(A GOVT. OF INDIA ENTERPRISE)
CONTRACTS DEPARTMENT, DULIAJAN
DISTRICT: DIBRUGARH (ASSAM), PIN-786602
TEL: (91) 374-2800548, FAX: (91) 374-2803549
E-mail ID: contracts@oilindia.in
Website: www.oil-india.com

**AMENDMENT NO. 2 DATED 09.08.2023 TO TENDER NO. CDG3855L24
FOR 'HIRING OF HI-TECH WIRELINE LOGGING SERVICES FOR OIL'S
OPERATIONAL AREAS IN NORTH-EAST INDIA'**

This Amendment to Tender No. **CDG3855L24** is issued to notify about the following:

- i. Revised Proforma-B, B1 is uploaded in OIL's e-procurement portal under 'Notes & Attachments' tab.
- ii. Amendments to tender clauses are stipulated vide **ANNEXURE-I** enclosed herewith.

All other Terms and Conditions of the Tender/Bid Document including previous Amendments will remain unchanged.

Sd/-

(Z. Das)

Sr. Officer-Contracts(G)

For Chief General Manager-Contracts

AMENDMENTS TO CLAUSES OF TENDER NO. CDG3855L24 FOR HI-TECH LOGGING

Sl No.	Section/Clause No./Page No.	Original Clause	Amended Clause
<u>PART-3; SECTION-III: SCC</u>			
1)	2.8 (Page 85 of 190)	Mobilization of explosives, spares & consumables: The Contractor shall begin the work with sufficient spares, consumables and explosives in accordance to the workload mentioned in the Contract and shall continuously replenish the same periodically to ensure uninterrupted services throughout the contract period.	Mobilization of explosives, spares & consumables: The Contractor shall begin the work with sufficient spares, consumables and explosives in accordance to the workload mentioned in the Contract and shall continuously replenish the same periodically to ensure uninterrupted services throughout the contract period as per order from Company. Company shall provide its requirements of all jobs which requires explosives, spares & consumables for next six months period and Contractor shall mobilise such explosives, spares & consumables accordingly.
2)	7.13 (Page 94 of 190)	The Contractor shall arrange for security of their camp sites, fly camps, equipment, establishment, radioactive materials and explosives etc. while in Contractor's custody at their own cost. However, depending upon the criticality of the situation, Company may provide security for movement of Contractors explosives, Radio Active sources, equipment and personnel on chargeable basis.	The Contractor shall arrange for security of their camp sites, fly camps, equipment, establishment, radioactive materials and explosives etc. while in Contractor's custody at their own cost. However, depending upon the criticality of the situation, Company may provide

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			security for movement of Contractors explosives, Radio Active sources, equipment and personnel on chargeable basis.
3)	9.4 (Page 97 of 190)	<p>Mobilization of replacement tools against Lost in Hole (LIH) tools:</p> <p>In the event tool is LIH or tool damaged beyond repair after fishing operation, the Contractor shall mobilize replacement tool within 90 days from the day the tool is declared lost in hole or damaged beyond repair. However, OIL may defer mobilization of replacement tools if the same are not immediately required by the company.</p> <p>For replacement due to loss/damage of tools to sub-surface equipment Company shall pay the customs duty, if applicable or issue Recommendatory Letter for availing zero customs duty.</p>	<p>In the event tool is LIH or tool damaged beyond repair after fishing operation, the Contractor shall mobilize replacement tool within 90 days for standard stools and 120 days for optional tools from the day the tool is declared lost in hole or damaged beyond repair. However, OIL may defer mobilization of replacement tools if the same are not immediately required by the company.</p> <p>For replacement due to loss/damage of tools to sub-surface equipment Company shall pay the customs duty, if applicable or issue Recommendatory Letter for availing zero customs duty.</p>
ANNEXURES			
4)	Annexure-B Technical Specifications AD-1A THROUGH DRILL PIPE SLIM OH LOGGING (Page 118 of 190)	<p>1) Array Induction resistivity (Laterolog also acceptable)</p> <p>Array Induction specs: 5 depth of investigations or more. Vertical resolution: 2ft or better. Measurement range: 0.2 to 2000 Ωm or higher.</p>	<p>1) Array Induction resistivity (Laterolog also acceptable)</p> <p>Array Induction specs: 5 depth of investigations or more. Vertical resolution: 2ft or better.</p>

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SI No.	Section/Clause No./Page No.	Original Clause	Amended Clause
		<p>Note: OIL's requirement is Array Induction, however, Laterolog resistivity is also acceptable in place of Array induction. Required specifications for Laterolog tool is provided below in case the Bidder chooses to offer Laterog tool:</p> <p>Deep and Shallow focussed laterolog resistivity. DOI ≥ 4 ft Measurement range: 0.2 to 20000 Ωm or higher Accuracy: 5% or better Vertical resolution: 2ft or better</p>	<p>Measurement range: 0.2 to 2000 Ωm or higher.</p> <p>Note: OIL's requirement is Array Induction, however, Laterolog resistivity is also acceptable in place of Array induction. Required specifications for Laterolog tool is provided below in case the Bidder chooses to offer Laterog tool:</p> <p>Deep resistivity DOI ≥ 4 ft Shallow resistivity DOI ≥ 16 in Measurement range: 0.2 to 20000 Ωm or higher Accuracy: 5% or better Vertical resolution: 2ft or better</p>
5)	Annexure-B Technical Specifications AD-1E THROUGH DRILL PIPE SLIM OH LOGGING (Page 119 of 190)	<p>6) Borehole deviation tool Bore hole inclination, Hole azimuth, Relative bearing</p> <p>Accuracy : ±4° (Azimuth) and ±2° (Inclination) or better</p>	<p>6) Borehole deviation tool Bore hole inclination, Hole azimuth, Relative bearing</p> <p>Accuracy : ±5° (Azimuth) and ±2° (Inclination) or better</p>
6)	Annexure-B Technical Specifications AD-3 NOISE TOOL FOR LEAK AND CHANNELING ANALYSIS (Page 121-122 of 190)	<p><u>MEASUREMENTS:</u></p> <p>i) Highly sensitive wide-band acoustic sensor to detect sound produced downhole by fluid movement. ii) Spectral analysis. iii) Road Noise Rejection capability. iv) Leak detection (tubing/casing/packer leaks). v) Location of open perforations. vi) Identification of flow zones behind pipe. vii) Identification of channeling behind pipe.</p>	<p><u>MEASUREMENTS:</u></p> <p>i) Highly sensitive wide-band acoustic sensor to detect sound produced downhole by fluid movement. ii) Spectral analysis. iii) Road Noise Rejection capability.</p>

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			iv) Leak detection (tubing/casing/packer leaks). v) Location of open perforations. vi) Identification of flow zones behind pipe. vii) Identification of channeling behind pipe.
7)	Annexure-B Technical Specifications AD-4 MECHANICAL CUTTER (Page 122 of 190)	i) Should cut mechanically tubing/casing of sizes: 2 ⁷ / ₈ " to 7" ii) Should cut mechanically drill pipes of sizes: 5" (19.5lbs/ft) 5 ¹ / ₂ "(22 lbs/ft). Bidder can cover the above specified size range of tbg/csg/drill pipe by using more than one tool. iii) Should precisely cut down hole pipe without the use of ballistics or hazardous chemicals. iv) Multiple cut per trip and confirm cut made to avoid unnecessary trips out of hole.	i) Should cut mechanically tubing/casing of sizes: 3.5" to 7" ii) Should cut mechanically drill pipes of sizes: 5" (19.5lbs/ft) 5 ¹ / ₂ "(21.9 lbs/ft). Bidder can cover the above specified size range of tbg/csg/drill pipe by using more than one tool. iii) Should precisely cut down hole pipe without the use of ballistics or hazardous chemicals. iv) Multiple cut per trip and confirm cut made to avoid unnecessary trips out of hole.
