OIL INDIA LIMITED

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

<u>AMENDMENT NO. 1 DATED 27.07.2022 TO TENDER NO. SDG0709L23</u> <u>Dtd 27.06.22</u>

This amendment is issued for the following:

AA) To amend the technical specifications as below:

Item. No.	Existing clause	Amended clause	Justification for Amendment
Item 10	8 INCHES (203.20 MM) OD, BI-DIRECTIONAL, DOUBLE ACTING, HYDRAULIC DRILLING JAR, SUITABLE FOR USE IN BOTH VERTICAL AND HIGHLY DEVIATED WELLS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS: QUANTITY: 02 (TWO) NUMBERS 2. Specification: i) Outside Diameter: 8 inches (203.20 mm). ii) Inside Diameter: Minimum 3 inches (76.20mm). iii) Up Stroke: Minimum 8 inches (203.2mm). iv) Down Stroke: Minimum 7 inches (177.8mm). v) Total Stroke: Minimum 25 inches (635mm). vi) Up / Down Jarring Load: Minimum 300,000 Lbs. vii) Tensile Yield: Minimum 1,400,000 Lbs.	8 INCHES (203.20 MM) OD, BI-DIRECTIONAL, DOUBLE ACTING, HYDRAULIC DRILLING JAR, SUITABLE FOR USE IN BOTH VERTICAL AND HIGHLY DEVIATED WELLS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS: QUANTITY: 02 (TWO) NUMBERS 2. Specification: i) Outside Diameter: 8 inches (203.20 mm). ii) Inside Diameter: Minimum 3 inches (76.20mm). iii) Up Stroke: Minimum 14 inches (355.6mm). iv) Down Stroke: Minimum 14 inches (355.6mm). v) Total Stroke: Minimum 28 inches (711.2mm).	The Up and down stroke along with total stroke values have been upgraded in line with tender no. BNCPL1005 dated 19/09.2021 for enhanced performance and torsional yield value has been modified for enhancing participation.
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	vi) Up / Down Jarring Load: Minimum 300,000	

	viii) Torsional Yield: Minimum 95,000 Ft-Lbs. ix) Thread connection of Box Up: 6.5/8 inches API REG.	Lbs. vii) Tensile Yield: Minimum 1,400,000 Lbs. viii) Torsional Yield: Minimum 72,800 Ft-Lbs.	
	x) Thread connection of Pin Down: 6.5/8 inches API REG.	ix) Thread connection of Box Up: 6.5/8 inches API	
	xi) Length Range (extended): Minimum 30ft (9.14m) to	REG. x) Thread connection of Pin	
	Maximum 33ft (10.06 m). xii) Bottom Hole Temperature:	Down: 6.5/8 inches API REG.	
	Minimum 150 Degree Centigrade (302 Degree	xi) Length Range (extended): Minimum 30ft (9.14m) to	
	Fahrenheit).	Maximum 33ft (10.06 m).	
		xii) Bottom Hole Temperature: Minimum 150 Degree	
		Centigrade (302 Degree Fahrenheit).	
Item 20	6.1/2 INCHES (165.10 MM) OD, BI-DIRECTIONAL, DOUBLE ACTING,	6.1/2 INCHES (165.10 MM) OD, BI- DIRECTIONAL,	Typo error.
	HYDRAULIC DRILLING JAR INTENSIFIER	DOUBLE ACTING, HYDRAULIC DRILLING	The Up and down stroke values have
	(ACCELERATOR), SUITABLE FOR USE IN	JAR INTENSIFIER	been corrected to
	BOTH VERTICAL AND HIGHLY DEVIATED WELLS IN	(ACCELERATOR), SUITABLE FOR USE IN	12 inches each to match the
	12.1/4" HOLE SECTION, ALONG WITH ACCESSORIES, AS	BOTH VERTICAL AND HIGHLY DEVIATED WELLS IN	tender specified total stroke
	PER THE FOLLOWING MINIMUM SPECIFICATIONS:	12.1/4" HOLE SECTION, ALONG WITH ACCESSORIES, AS	requirement of 24 inches.
	QUANTITY: 02 (TWO) NUMBERS	PER THE FOLLOWING MINIMUM	
	2. Specification:i) Outside Diameter: 6.1/2 inches (165.10mm).	SPECIFICATIONS: QUANTITY: 02 (TWO) NUMBERS	

	ii) Inside Diameter: Minimum	2. Specification:	
	2.3/4 inches (69.85mm). iii) Stroke up: Minimum 8	i) Outside Diameter: 6.1/2 inches (165.10mm).	
	inches (203.2mm). iv) Stroke down: Minimum 7 inches (177.8mm).	ii) Inside Diameter: Minimum 2.3/4 inches (69.85mm).	
	v) Total Stroke: Minimum 24 inches (609.6mm)	iii) Stroke up: Minimum 12 inches (304.80mm).	
	vi) Working (Axial) Load (up): Minimum 175,000 Lbs.	iv) Stroke down: Minimum 12 inches	
	vii) Tensile Yield: Minimum 810,000 Lbs.	(304.80mm). v) Total Stroke: Minimum	
	viii) Torsional Yield: Minimum 40,000 Ft-Lbs.	24 inches (609.6mm) vi) Working (Axial) Load	
	ix) Thread connection of Box Up: 4.1/2 inches API IF	(up): Minimum 175,000 Lbs.	
	(NC50).	vii) Tensile Yield: Minimum 810,000 Lbs.	
	x) Thread connection of Pin Down: 4.1/2 inches API IF (NC50).	viii) Torsional Yield: Minimum 40,000 Ft-Lbs.	
	xi) Overall length range (extended): Minimum 25ft (7.62m) to Maximum 33ft	ix) Thread connection of Box Up: 4.1/2 inches API IF (NC50).	
	(10.06 m). xii) Bottom Hole Temperature: Minimum 150 Degree	x) Thread connection of Pin Down: 4.1/2 inches API IF (NC50).	
	Centigrade (302 Degree Fahrenheit).	xi) Overall length range (extended): Minimum 25ft (7.62m) to Maximum 33ft (10.06 m).	
		xii) Bottom Hole Temperature: Minimum 150 Degree	
		Centigrade (302 Degree Fahrenheit).	
Item	4.00" (101.60 mm) OD standard reverse circulating	4.00" (101.60 mm) OD standard reverse circulating	For more specific dimensions
30	junk basket, complete with lifting sub, built in valve	junk basket, complete with	of the item
	assembly and steel ball for	lifting sub, built in valve	reference to

reverse circulation and	assembly and steel ball for	last PO
furnished as standard	reverse circulation and	
equipment with junk catcher	furnished as standard equipment with junk	
to retrieve 2.1/2" (63.50 mm) max dia. fish inside	catcher	
5.1/2" (139.70mm) OD casing with type 'B' shoe	to retrieve 2.1/2" (63.50 mm) max dia. fish inside	
with hard-faced Itcoloy and SLH 90 tool joint box	5.1/2" (139.70mm) OD casing with 4-1/8" OD type	
top connection.	'B' shoe with hard-faced	
Qty = 02 Nos.	Itcoloy and SLH 90 tool	
Barrel OD: 4.00" (101.60 mm)	joint	
Preferred Hole: 5.1/2"	box top connection.	
(139.70mm) OD casing	Qty = 02 Nos.	
Maximum Catch: 2.1/2" (63.50 mm) max dia. fish	Barrel OD: 4.00" (101.60 mm)	
inside	Preferred Hole: 5.1/2"	
Connection: SLH 90 tool joint	(139.70mm) OD casing	
box top connection	Maximum Catch: 2.1/2" (63.50 mm) max dia. fish	
Type: 'B' shoe with hard-faced Itcoloy	inside	
Accessories for each item:	Connection: SLH 90 tool joint box top connection	
a) Type 'B' Mill Shoe – 01 NO b) Type 'C' Mill Shoe – 02 No	Type: 'B' shoe with hard- faced Itcoloy	
c) Jung Catcher Assembly : 01	Accessories for each item:	
d) Valve seat : 01 No	a) 4-1/8" OD Type 'B' Mill Shoe – 01 NO	
e) Steel Ball: 01 No	b) 4-1/8" OD Type 'C' Mill	
f) Valve cup: 01 No	Shoe – 02 No	
g) Maintenance & operation Manual: 01 (two) Nos	c) Jung Catcher Assembly : 01 No	
	d) Valve seat : 01 No	
	e) Steel Ball: 01 No	
	f) Valve cup: 01 No	
	g) Maintenance & operation Manual: 01 (two)	

FISHING JAR, STRAIGHT PULL OPERATED TOOL, DESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING STRING HAVING RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED HOLES, CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection with API stress relief groove design.) 2. SPECIFICATION: 1) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) with reference to last PO DESIGNED TO IMPART HIGH FISHING JAR, STRAIGHT PULL OPERATED TOOL, DESIGNED AND ACREA STRAIGHT PULL OPERATED TOOL, DESIGNED ACREATION STRING HAVING RESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING OPERATIONS WITH FISHING STRING HAVING RERAVING OUT FISHING OPERATIONS WITH FISHING OPERATED TOOL, DESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING OPERATED TOOL, DESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING OPERATED TOOL, DESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATION WITH FISHING OPERATIONS WITH FISHING OPERATION			Nos.	
FISHING JAR, STRAIGHT PULL OPERATED TOOL, DESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING STRING HAVING RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED HOLES, CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Qty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection designed as per API 7-1 (latest edition). (Top box connection with API bore back and bottom pin connection with API stress relief groove design.) 2. SPECIFICATIONS: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) PESIGNED TO IMPART HIGH PULL OPERATED TOOL, DESIGNED TOOL,			,	dimensions
DESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING STRING HAVING RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED HOLES, CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Qty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). (Top box connection with API stress relief groove design.) 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) DESIGNED TO IMPART HIGH IMPACT, HEAVY UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING OPERATIONS WITH FISHING STRING HAVING RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Qty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection and bottom pin connection designed as per API 7-1 (latest edition). 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm)			•	reference to
UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING STRING HAVING RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED HOLES, CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). (Top box connection with API stress relief groove design.) 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) UPWARD BLOWS FOR CARRYING OUT FISHING OPERATIONS WITH FISHING OPERATIONS RIGHT HAND TREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED HOLES, CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Qty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. STROM ON THE SHAP ON TH			DESIGNED TO IMPART	
OPERATIONS WITH FISHING STRING HAVING RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED HOLES, CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). (Top box Connection with API bore back and bottom pin connection with API stress relief groove design.) 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm)			UPWARD BLOWS FOR	
RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED HOLES, CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: VIII) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). (Top box connection with API bore back and bottom pin connection with API stress relief groove design.) 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) RIGHT HAND THREAD CONNECTIONS, INSIDE DEEP AND DEVIATED CASED WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: VIII) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm)			OPERATIONS WITH	
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S-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). (Top box Connection with API bore back and bottom pin connection with API stress relief groove design.) 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) WITH 5-1/2" x 20 PPF CASINGS, ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm)			DEEP AND DEVIATED	
Item 50 ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). (Top box connection with API bore back and bottom pin connection with API stress relief groove design.) 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) ALONG WITH ACCESSORIES, AS PER THE FOLLOWING MINIMUM SPECIFICATIONS. Oty = 04 Nos. 1. GENERAL REQUIREMENT: viii) Top box connection and bottom pin connection designed as per API 7-1 (latest edition). 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm)			WITH	
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and bottom pin connection with API stress relief groove design.) 2. SPECIFICATION: i) Outside Diameter: 3.3/4 i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 iii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm) designed as per API 7-1 (latest edition). 2. SPECIFICATION: i) Outside Diameter: 3.3/4 INCHES (95.25 MM) ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: 10 inches (254 mm)		edition). (Top box	•	
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ii) Inside Diameter: 1.1/2 inches (38.1 mm). iii) Total Stroke: Min. Stroke: Stroke: 10 inches (254 mm)		•		
iii) Total Stroke: Min. Stroke: Stroke: 10 inches (254 mm) mm)				
		iii) Total Stroke: Min. Stroke:	Stroke: 10 inches (254	
IV) Jarring Load: 62,000 Lbs. IV) Jarring Load: 66,000		iv) Jarring Load: 62,000 Lbs.	iv) Jarring Load: 66,000	

v) Tensile Yield: 374,000 lbs.

vi) Torsional Yield: 6,800 ft-lbs (9,220 N-m).

vii) Thread connection of Box Up: 2-3/8" API IF Box

viii) Thread connection of Pin Down: 2-3/8" API IF

Pin

ix) Length (extended): Within 23 ft (7 m).

x) Bottom Hole Temperature: Minimum 150 degree

Centigrade (302 degree Fahrenheit).

Lbs.

v) Tensile Yield: 306,000

vi) Torsional Yield: 4,800 ft-lbs.

vii) Thread connection of Box Up: 2-3/8" API IF Box

viii) Thread connection of Pin Down: 2-3/8" API IF

Pin

ix) Length (extended): Within 23 ft (7 m).

x) Bottom Hole Temperature: Minimum 150 degree

Centigrade (302 degree Fahrenheit).

- BB) To extend the Bid Closing date, Technical Bid Opening date of the etender as under:
- i) Bid Closing Date & Time: 10.08.2022 at 11:00 (IST)
- ii) Technical Bid Opening Date & Time: 10.08.2022 at 14:00 (IST).
- CC) All other terms and condition of the etender remain unchanged.

Sd/(TUHIN ROY)
CMM-FD
MATERIALS DEPARTMENT
FOR GM- MATERIALS
FOR RESIDENT CHIEF EXECUTIVE