General Manager (INDEG)

INDEG Department

Oil India Limited
Duliajan-786602,Assam
(EmailID:indeg@oilindia.in)

Ref: INDEG/OIL/EOI/07/278/Phase I- XI/2022-23 28.03.2023

Honourable Prime Minister has said, "Aatmanirbhar Bharat is not about being self-contained or being closed to the world, it is about being self-sustaining and self-generating.

In order to propagate above views of Honourable Prime Minister, "Aatmanirbhar Bharat Abhiyyan" has been launched. Oil India Limited (OIL) is committed to take forward vision given in "Aatmanirbhar Bharat Abhiyyan" for Import substitution of items required by Oil India Limited (OIL).

Interested companies are requested to send their Expression of Interest with all documentary evidence for the items listed herewith as per format attached to INDEG Department of OIL at Email ID: indeg@oilindia.in.

Development orders will be placed for the items, if found suitable as per OIL's Development order policy as uploaded in our Website: www:oil-india.com >>Flagship program.

Vendors may send their Expression of Interest by 30th June , 2023.

(Please type on your Letter Head)

Ret. No	Date :

To **General Manager (INDEG) INDEG Department**

Oil India Limited Duliajan-786602 Assam

(Email ID : indeg@oilindia.in)

Expression of Interest (For Import substitution)

1. Company Details

1	Company Name	
	Whether manufacturer . If not , whether	
	dealer, distributor etc.	
2	Location	
3	Address	
4	Contact Person	
5	E-mail ID	
6	Mobile/Cell Phone No	
7	Product/Service Proposed for Development	
8	Quantity Offered for Field Trial (Based on field	
	requirement, actual quantity to be decided)	
9	Delivery Schedule	
10	Estimated Price of the Product / Unit/service	
11	Have you supplied this item to Indian Oil & Gas	
	Companies (names of companies)	

2. Details with copies of relevant documents

1	Details of infrastructure available
2	Manpower details
3	Equipment, Machineries & testing details available
4	Existing product/service details including the offered items/services
5	Copy of last two years Audited Balance Sheet of the Company
	Copy of company Incorporation Certificate along with Memorandum of Association (MOA)/
6	Articles of Association (AOA) OR Copy of partners hip deed in case of partnership company
7	Copy of GST Registration Certificate
8	Copy of PAN Card
9	Copy of MSME Certificate, if any
10	Copy of NSIC Certificate, if any

Name :	Cianoturo	Designation	
Name	Signature	Designation	

Import Substitution Items/Service List

SI. no.	ITEM DESCRIPTION
1	CROME CASING PIPES
2	CHROME TUBING PIPES
3	DRILL PIPES
4	HEAVY WEIGHT DRILL PIPE
5	DRILL COLLARS AND LIFTING PLUG
6	DRILLING STABILIZERS
7	DRILLING/ WORKOVER HANDLING TOOLS ELEVATORS, TONGS, SLIPS etc.
8	XC POLYMER
9	CMC-HVG
10	PAC-LVG
11	PAC-HVG
12	POTASSIUM FORMATE
13	SOLID CONTROL EQUIPMENT MUD CLEANER/ DEGASSER/ CENTRIFUGE/ LINEAR MOTION SHALE SHAKER
14	SUCKER ROD PUMP (SRP) AND ITS ACCESSORIES
15	SRP INSERT PUMP
16	ETHYL MERCAPTAN
17	LOW SHEAR VELOCITY FLUIDS/POLYMERS
18	EMD CHEMICAL DOSING PUMP, RECIPROCATING PUMP
19	HSP 20/40, ISP 20/40, ISP 30/50 MESH
20	PIG TRACKER/TRANSMITTER
21	PIPELINE LOCATOR
22	CEMENT ADDITIVES
23	LOGGING CABLES
24	TRI CONE ROLLER DRILLING BITS OF VARIOUS SIZES
25	11"OD STANDARD REVERSE CIRCULATING JUNK BASKET & 7.7/8" OD REVERSE CIRCULATING JUNK BASKET
26	PDC DRILL BITS OF VARIOUS SIZES
	FISHING TOOL; 6.5/8 INCHES OD JUNK SUB FOR OPERATION INSIDE 8.1/2 INCHES HOLE
	IMPRESSION BLOCK FOR 4.5 INCH OD , 5.0 INCH OD, 9.625 INCH OD & 13.375 INCH OD CASING
	PNEUMATIC SPINNER
30	5.1/ 2" PREMIUM THREADED CASING (GRADE: N80 & GRADE P110)
_	CASED HOLE LOGGING UNITS WITH TOOLS AND ACCESSORIES ALONG WITH INSTALLATION, COMMISSIONING AND TRAINING
	WIRELINE MAST UNIT, INCLUDING TRAINING AND INSTALLATION& COMMISSIONING
	OIL WELL EXPLOSIVES : (I) 2-1/8 INCH TUBING CUTTER ALONG WITH DETONATOR AND HARDWARE ACCESSORIES (II) 1-9/16 INCH TUBING PUNCHER/ CIRCULATION CHARGE & HARDWARE ACCESSORIES
	OIL WELL EXPLOSIVES : EXPLOSIVES FOR BAKER PRESSURE SETTING TOOLS : POWER CHARGE, PRIMARY IGNITOR & SECONDARY IGNITOR

35	PROCUREMENT OF OIL WELL EXPLOSIVES USED IN EXPLORATION AND PRODUCTION OF HYDROCARBON (I) DEEP PENETRATION CHARGES (II) RESISTORIESS DETONATOR ASSY, (III) DETO CORD 80 HMX NYLON LS 1.4S (IV) 54 MM STRIP CARRIER, 6SPF, 12 FT/3 M LONG (V) DETOCORD /CHARGE CLIPS (VI) TANDEM CONNECTOR, 2.1/8" STRI P CARRIES (VII) SPLICE BOOT FOR LEAD WIRE (VIII) DETONATOR CORD RETAINER
	(IX) 53.975 MM (2.1/8") OD FIRING HEAD ASSY
	(X) NUT & BOLT FOR CONNECTING STRIP
	(XI) NUT & BOLT FOR CONNECT TANDEM (XII) DETO CORD END SEAL (100 NOS./PKT)
	(XIII) 2.1/8" CHARGE TIGHTENING WRENCH
36	27.1/2" (698.50 MM) ROTARY TABLE
37	7.1/16" X 10 M DOUBLE RAM BOP WITH ACCESSORIES
38	13.5/8" X 10 M SINGLE RAM BOP WITH ACCESSORIES
39	3.1/16" X 10 M FLEXIBLE STEEL HOSES FOR CHOKE MANIFOLD
	3.1/8" X 5 M FLEXIBLE STEEL HOSES FOR CHOKE MANIFOLD
40	2.1/16" X 5M - SS FLEXIBLE STEEL HOSE 3.1/16" X 10M - SS FLEXIBLE STEEL HOSE 3.1/8" X 5M FLEXIBLE STEEL HOSES
41	THERMAL WELLHEADS FOR 7" AND 9.5/8" CASING COMPLETION WITH INSTALLATION & COMMISSIONING
42	HOSE VIBRATOR
43	ROTARY HOSE, DRILLING IN ASSORTED LENGTH
44	2.34 MM (0.092") PIANO WIRELINE (WELL MEASURING LINE)
45	STATIC GEL STRENGTH ANALYZER
46	ELECTRONIC RESERVOIR PRESSURE AND TEMPERATURE MEASURING GAUGE.
47	AUTOMATIC DISTILLATION APPARATUS
48	FT – IR SPECTROPHOTOMETER
49	RHEOMETER
50	350 SHORT TON DRILLING HOOK & ELEVATOR LINKS (250 SHORT TON, 350 SHORT TON AND 500 SHORT TON)
51	DIGITAL ACOUSTIC LIQUID LEVEL MEASURING CUM DYNAMOMETER EQUIPMENT (ECHOMETER)
52	CROSS OVER, PREMIUM BOX X API EUE & PUP-JOINT, 2.7/8", PREMIUM IN ASSORTED LENGTH
53	GEOLOGICAL THIN SECTION PREPARATION UNIT COMPRISING OF CUTTING, VACUUM IMPREGNATION, GRINDING AND POLISHING EQUIPMENT AND CONSUMABLES.
54	POLARISED MICROSCOPE
55	PONY DRILL COLLAR
56	PREMIUM TUBING
57	37.1/2" ROTARY TABLE
58	AIR GAS PERMEAMETER
59	DOUBLE BLOCK AND BLEED ISOLATION PLUG
60	GAS CHROMATOGRAPH
61	LOW TO MODERATE TEMPERATURE CEMENT RETARDER
62	HIGH TEMPERATURE FLUID LOSS ADDITIVE
63 64	XCD-POLYMER YC POLYMER (PREMILIM)
65	XC-POLYMER (PREMIUM) POLY ANIONIC CELLULOSE-REGULAR
00	I OLI ANIONIO OLLEGEOGE-NEGGEAN

67 JUNK SUB 5.1/2 INCH & 7 INCH 68 13.5/8-INCH X 10000 PSI ANNULAR BOP 69 13.5/8-INCH X 10000 PSI ANNULAR BOP 70 CT REELS 71 SUPER FISHING JAR 72 DRILLING JAR 73 OVERSHOTS 74 SLAMMER LOGGING CABLES 75 3" LEFT HAND KELLY 76 MULTI ELEMENT ANALYZER 77 HIGH PERFORMANCE EP LUBE 78 MERCURY FREE PVT SYSTEM 79 SURFACE MEMORY GAUGE 80 ACCESSORIES OF LOGGING CABLE 81 DOWNHOLE PRESSURE TEMPERATURE GAUGE 82 REAL TIME KINEMATIC DIFFERENTIAL GLOBAL POSITIONING SYSTEM 83 FLOW ASSURANCE SOFTWARE 84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL - 6.75 O. AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 METAL MUCHER JUNK MILL - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3.36 -3/5 TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	66	POLY ANIONIC CELLULOSE-SUPER LO
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76 MULTI ELEMENT ANALYZER 77 HIGH PERFORMANCE EP LUBE 78 MERCURY FREE PVT SYSTEM 79 SURFACE MEMORY GAUGE 80 ACCESSORIES OF LOGGING CABLE 81 DOWNHOLE PRESSURE TEMPERATURE GAUGE 82 REAL TIME KINEMATIC DIFFERENTIAL GLOBAL POSITIONING SYSTEM 83 FLOW ASSURANCE SOFTWARE 84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL - 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)		
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78 MERCURY FREE PVT SYSTEM 79 SURFACE MEMORY GAUGE 80 ACCESSORIES OF LOGGING CABLE 81 DOWNHOLE PRESSURE TEMPERATURE GAUGE 82 REAL TIME KINEMATIC DIFFERENTIAL GLOBAL POSITIONING SYSTEM 83 FLOW ASSURANCE SOFTWARE 84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 SOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75° OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8° OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 11 NANO-GRAPHENE BASED LUBRICANT 12 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3.38 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)		
79 SURFACE MEMORY GAUGE 80 ACCESSORIES OF LOGGING CABLE 81 DOWNHOLE PRESSURE TEMPERATURE GAUGE 82 REAL TIME KINEMATIC DIFFERENTIAL GLOBAL POSITIONING SYSTEM 83 FLOW ASSURANCE SOFTWARE 84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL - 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)		
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81 DOWNHOLE PRESSURE TEMPERATURE GAUGE 82 REAL TIME KINEMATIC DIFFERENTIAL GLOBAL POSITIONING SYSTEM 83 FLOW ASSURANCE SOFTWARE 84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3. 1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 105 2. 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2. 1/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	79	SURFACE MEMORY GAUGE
REAL TIME KINEMATIC DIFFERENTIAL GLOBAL POSITIONING SYSTEM 83 FLOW ASSURANCE SOFTWARE 84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75° OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8° OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3.3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	80	ACCESSORIES OF LOGGING CABLE
83 FLOW ASSURANCE SOFTWARE 84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3.3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	81	DOWNHOLE PRESSURE TEMPERATURE GAUGE
84 SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE 85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	82	REAL TIME KINEMATIC DIFFERENTIAL GLOBAL POSITIONING SYSTEM
85 LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE 86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3.3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	83	FLOW ASSURANCE SOFTWARE
86 HIGH TEMPERATURE CEMENT RETRADER 87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 100 AND GRAPHENE BASED LUBRICANT 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3.3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	84	SEISMIC SURVEY DESIGNING AND MODELLING SOFTWARE
87 CEMENT FRICTION REDUCER 88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	85	LOW TO MODERATE TEMPERATURE FLUID LOSS ADDITIVE
88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	86	HIGH TEMPERATURE CEMENT RETRADER
88 ISOTOPE RATIO MASS SPECTROMETER 89 FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	87	CEMENT FRICTION REDUCER
FISHING TOOL – 6.75" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 8" OD , AXIAL VIBRATIONAL ,SHOCK ABSORBING TOOL 90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	88	
90 TUBING STRIPPER 91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	89	
91 NANO-GRAPHENE BASED LUBRICANT 92 TUBING RETRIEVABLE, SURFACE CONTROLLED, SUB-SURFACE SAFETY VALVE (TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	90	
(TR-SCSSSV) WITH ACCESSORIES 93 6 1/2" FISHING BUMPER SUB 94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	91	
94 CORE DRESSER 95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	92	
95 CORE PLUG DRILLING EQUIPMENT 96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	93	6 1/2" FISHING BUMPER SUB
96 CIRCULATING OVERSHOT (FISHING TOOL) 97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)		
97 SUPER FISHING JAR (FISHING TOOL) 98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	95	CORE PLUG DRILLING EQUIPMENT
98 REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL) 99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	96	CIRCULATING OVERSHOT (FISHING TOOL)
99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	97	SUPER FISHING JAR (FISHING TOOL)
99 METAL MUCHER JUNK MILL - (FISHING TOOL) 100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	98	REVERSE CIRCULATING JUNK BASKET - (FISHING TOOL)
100 CORE FLOODING SYSTEM 101 3.1/2 INCH OD DOWN HOLE MUD MOTOR 102 JAR INTENSIFIER (FISHING TOOL) 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	99	METAL MUCHER JUNK MILL - (FISHING TOOL)
 JAR INTENSIFIER (FISHING TOOL) 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 2.7/8" MUD MOTOR DOUBLE PLUG CEMENTING HEAD ROTARY TAPER TAP (FISHING TOOL) 	100	,
 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL) 	101	3.1/2 INCH OD DOWN HOLE MUD MOTOR
 103 3. 3/8 - 3/5" TAG PERFORATION CHARGES AND ACCESSORIES - EXPLOSIVES 104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL) 	102	JAR INTENSIFIER (FISHING TOOL)
104 2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES EXPLOSIVES 105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)		,
105 2.7/8" MUD MOTOR 106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)		2 1/8" UNIPHASE THROUGH TUBING PERFORATION CHARGE AND ACCESSORIES
106 DOUBLE PLUG CEMENTING HEAD 107 ROTARY TAPER TAP (FISHING TOOL)	105	
107 ROTARY TAPER TAP (FISHING TOOL)		
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109	HOT TAPPING UNIT
110	DRILLING SIMULATOR
111	WELLHEAD SAMPLING KIT
112	SPEAR (FISHING TOOL)
113	ECHOMETER
114	4" REVERSE CIRCULATING JUNK BASKET- FISHING TOOL
115	2" AND 2 5/8" DRILL COLLAR SEVERING TOOL (DCST) EXPLOSIVES
116	WELL SERVICING PUMP PACKAGE FOR WORKOVER OPERATION
117	DIE COLLAR - FISHING TOOL
118	PACKER MILLING & RETRIEVABLE TOOL - FISHING TOOL
119	DRILL PIPE SPINNER
	DRILL COLLAR ELEVATOR
	TORQUE MASTER
122	LT-OSD - specialized multicomponent chemical formulation that is highly crude specific and is to be designed to effectively separate water from the crude oil emulsion when the curing temperature inside the Emulsion Treater (ET) vessels is 45° C and below. LT-OSD is categorised as LT-OSD: Type I and LT - OSD: Type – II depending on their performance on different type of emulsion characteristics in various oilfields of upper Assam.
123	Enzyme used for wellbore clean up, perforation zone clean up and stuck pipe removal jobs by removing filter cake in water base mud / well completion fluid.
	Bio-surfactant used along with Enzyme for wellbore clean up, perforation zone clean up and stuck pipe removal jobs in water base mud / well completion fluid.
124	Casing Clamp for 5.1/2", 7" & 9.5/8" casings.
125	CMC-Low Viscous Grade (LVG)
126	Pregelatinized Starch (PGS)
127	Magcoasphasol (MGP)
