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INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS

STANDARD FORMAT EQUIPMENT LIST

LAND DRILLING UNITS (LAND RIGS)

INSTRUCTIONS: THE STANDARD FORMAT EQUIPMENT LIST HAS BEEN DEVELOPED TO PROVIDE A COMPREHENSIVE SUMMARY OF ALL RELEVANT ITEMS OF EQUIPMENT TO STREAMLINE THE TENDER PROCESS FOR BOTH CONTRACTOR AND OPERATOR. IN ORDER TO MAINTAIN EFFICIENCY, USERS ARE ADVISED TO MAINTAIN A PRECISE ORDER OF THE FORMAT AND TO REQUEST/PROVIDE ANY ADDITIONAL INFORMATION ON SPECIFIC EQUIPMENT AT SECTION N. OR AN APPENDUM WHICH MAY REFER TO AN OTHER APPROPRIATE SECTION NUMBER

A CONTRACTOR LAND RIG SUMMARY	8
Rig Details	8
Mast:.....	8
Drawworks:.....	8
Drilling Line:.....	8
Auxiliary Brake:.....	8
Substructure / Work Floor:.....	9
Rotary Table:.....	9
Top Drive:.....	9
Hoisting Equipment:	9
Rig SITE Power:	9
Camp Power.....	9
Mud Pumps:	10
Mud System:.....	10
Drill String:	10
Drill Collars:	10
Blow Out Preventers:	11
Accumulator Unit:	11
Choke Manifold:	11
B GENERAL RIG REQUIREMENTS / SPECIFICATIONS	12
B.1 Mast & Substructure	12
B.1.1 Mast	12
B.1.2 Racking Platform.....	12
B.1.3 Substructure / Work Floor.....	12
B.1.4 Rig Floor Winches	12
B.1.5 Monkey Board Work Winch.....	12
B.1.6 Monkey Board Work Winch.....	13
B.1.7 Utility Winch (I.E. Catwalk, Sub-Base Winch)	13
B.1.8 Catwalk / Pipehandler.....	13
B.2 Drawworks & Associated Equipment	14
B.2.1 Drawworks.....	14
B.2.2 Drawworks Power	14
B.2.3 Auxiliary Brake	14
B.3 Hoisting Equipment	14
B.3.1 Crown Block.....	14
B.3.2 Travelling Block.....	14
B.3.3 Hook (integrated into travelling block)	15
B.3.4 Power Swivel	15
B.3.4 King Swivel	15
B.3.6 Drilling Line	15
B.3.7 Deadline Anchor	15
B.4 Rotary System	15
B.4.1 Rotary Table.....	15
Size:.....	15
B.4.2 Hinged/Split Type Master Bushings.....	15
Quantity:.....	15

RIG NO:

Sizes:	16
B.4.3 Kelly Bushing	16
Quantity:.....	16
Sizes:	16
B.4.4 Kelly Bushing Safety Guard	16
Quantity:.....	16
B.4.5 Top Drive	16
SYSTEMS	17
C.1 Rig Power Plant	17
C.1.1 Diesel Engine Plant (Rig Carrier Engine)	17
C.1.2 AC-Generator (Auxiliary Generators)	17
C.1.3A SCR System (EMISSION CONTROL)	17
C.1.3B VFD System	17
C.1.4 Transformer System	17
C.1.5 Rig service Air System	17
C.2 Power Plant (Rig Site)	18
C.2.1 Diesel Engine Plant	18
C.2.2 AC-Generator (Auxiliary generators) - Standalone.....	18
C.2.3 Lighting Towers	18
D DRILLSTRING / HANDLING TOOLS	19
D.1 Drillstring.....	19
D.1.1 Drill Pipe	19
D.1.2 Drill Collars	19
D.1.3 HWDP (Heavy-Weight Drillpipe)	19
D.2 Handling Tools.....	19
D.2.1 Drill Pipe Elevators	19
D.2.2 Drill Collar Elevators.....	19
D.2.3 Tubing Elevators.....	20
D.2.4 Drill Pipe Hand Slips	20
D.2.5 Semi-automatic DP Slips.....	20
D.2.6 Drill Collar Slips	20
D.2.7 Drill Collar Safety Clamps.....	20
D.2.8 Tubing Slips	20
D.2.9 Tubing Spider	21
D.2.10 Drill Collar Lifting Subs	21
D.2.11 DC Lifting Plugs.....	21
D.2.12 Bit Breakers	21
D.2.13 Elevator Links.....	21
D.2.14 Kelly Spinner	21
D.2.15 Drillpipe Spinner	21
D.2.16 Mud Saver Bucket.....	21
D.2.17 Hydraulic Make-Up/Breakout Machine (Ezy Torque)	22
D.2.18 Rotary Rig Tongs	22
D.2.19 Tubing Tongs (Manual).....	22
D.2.20 Tubing Tongs (Power)	22
D.2.21 Iron Roughneck	22

D.3 Fishing Equipment.....	22
D.3.1 Overshots.....	22
D.3.2 Hydraulic Fishing Jar	23
D.3.3 Jar Intensifier	23
D.3.4 Surface Jar	23
D.3.5 Fishing Bumper Sub	23
D.3.6 Safety Joints	23
D.3.7 Junk Baskets (Reverse Circulation)	23
D.3.8 Junk Subs	23
D.3.9 Flat Bottom Junk Mill	24
D.3.10 Magnet Fishing Tools.....	24
D.3.11 Taper Taps.....	24
D.3.12 Die Collars	24
E WELL CONTROL EQUIPMENT.....	25
E.1 BOP Stack.....	25
E.1.1 BOP.....	25
E.1.2 Kill / Choke Lines (hardlines)	25
E.1.3 Hydraulic Supply Lines (Koomey lines).....	26
E.2 BOP Control System.....	26
E.2.1 Accumulator Unit.....	26
E.2.2 Triplex Pumps	26
E.2.3 Air Pumps.....	26
E.2.4 Driller's Control Panel	27
E.2.5 local Control Panel	27
E.3 Choke Manifold & Testing Equipment.....	27
E.3.1 Choke Manifold	27
E.3.2 Flexible Choke & Kill Lines (shock hoses)	27
E.3.2 Hydraulic Test Pump	28
E.3.3 Test Stumps For BOP Testing.....	28
E.3.4 BOP Test Sub	28
F. MUD SYSTEM	29
F.1 High Pressure Mud System.....	29
F.1.1 Mud Pumps	29
F.2 Low Pressure Mud System – Tanks	29
F.2.1 Mud Tank System	29
F.2.2 Settling Tank	30
F.2.3 Pill Tanks	30
F.2.4 Trip Tank	30
F.2.5 Stripping Tank.....	30
F.2.6 Mud Agitators	30
F.2.7 Mixing Pumps/charge pumps.....	31
F.2.8 Mud Mixing Hopper	31
F.2.9 Transfer Pumps.....	31
F.2.10 Chemical Mixing Tank	31
F.2.11 Caustic Mixing Unit.....	31
F.3 Low Pressure Mud System – Process Equipment	31
F.3.1 Shale Shaker.....	31

F.3.2 Desander.....	31
F.3.3 Desilter	32
F.3.4 Mud/Gas Separator (Poor Boy)	32
F.3.5 Vacuum Degasser	32
F.3.5 Centrifuge	32
F.3.6 Cellar Pump (lung/water pumps).....	32
F.4 Mud Laboratory – Equipment & Chemicals.....	32
F.4 Mud Laboratory.....	32
G. CASING / CEMENTING.....	33
G.1 Casing Equipment.....	33
G.1.1 Side Door Elevators.....	33
G.1.2 Single Joint Elevators	33
G.1.3 Slip Type Elevator/Spider	33
G.1.4 Power Casing Tong	33
G.1.5 Power Tubing Tong	33
G.1.6 Hydraulic Casing Tongs	33
G.1.7 HPU For Hydraulic Casing Tongs.....	33
H. INSTRUMENTATION / COMMUNICATION.....	33
H.1 Drilling Instrumentation.....	34
H.1 Drilling Instrumentation	34
H.2 Rig Communication System	35
H.2.1 Public Address System	35
H.2.2 Intercom System	35
H.2.3 Telephone and Internet System	35
H.2.4 UHF Radios	36
H.2.5 CCTV System	36
I. PRODUCTION TEST EQUIPMENT.....	37
I.1 Burners.....	37
I.2 Burner Rooms	37
I.3 Piping On Burner Rooms.....	37
I.4 Sprinkler Systems.....	37
I.5 Fixed Piping for Well Testing.....	37
I.6 Auxiliary Power Availability (for laboratory, crude transfer & electric Heaters)	37
I.7 Compressed Air Packages	37
I.8 SCUF Tank	37
J. WORKOVER TOOLS	38
J.1 Rod Equipment.....	38
J.1.1 Rod Stripper.....	38
J.1.2 Rod Elevators	38
J.1.3 Rod Hook.....	38
J.1.4 Snap Wrenches	38
J.1.5 Rod Tong	38
J.2 Tubing Equipment.....	38
J.2.1 Safety Valves	38
J.2.2 Kelly Safety Valve	39
J.2.3 Side Entry Sub.....	39

J.2.4 BPV's & TWCV's	39
J.2.5 Drifts.....	39
J.2.6 Crossovers	39
J.2.7 Float Valves.....	39
J.2.8 Cup Testers.....	40
J.3 Vehicles.....	40
J.3.1 Crew Vehicles.....	40
J.3.2 Loader / Telehandler	40
K. RIG OFFICE, SLEEPING AND ABLUTION ACCOMMODATION	41
K.1 Wellsite Buildings	42
K.1.1 Site Office Building.....	42
K.1.2 Wellsite Accommodation.....	42
K.1.3 Wellsite Facilities.....	42
K.2 Main Camp Structures	42
K.2.1 Accommodation Buildings	42
K.2.2 Kitchen & Dining room	43
K.2.3 frozen / cold & dry storage	43
K.2.4 recreation room & laundry.....	43
K.2.5 recreation room, gym & seating area	43
K.2.6 combined generator / water storage utility skid	43
K.2.7 sewerage treatment	43
L. SAFETY EQUIPMENT.....	44
L.1 General Safety Equipment.....	44
L.1.1 General Personnel Protective Equipment.....	44
L.1.2 Decontamination Stations	45
L.1.3 Derrick Safety Equipment	45
L.1.4 Derrick Climbing Assistant	45
L.1.5 Fresh Air Blowers (Bug Blowers)	45
L.2 Gas / Fire / Smoke Detection.....	45
L.2.1 H2S Monitoring System (Fixed)	46
L.2.2 Combustible Gas Monitoring System (Fixed).....	46
L.2.3 H2S Gas Detectors (Portable)	46
L.2.4 CO2 Gas Detectors (Portable)	46
L.2.5 Explosimeters.....	46
L.2.6 Fire / Smoke Detectors in Accommodation	46
L.3 Fire Fighting Equipment.....	46
L.3.1 Fire Pumps	46
L.3.2 Hydrants & Hoses.....	46
L.3.3 Portable Fire Extinguishers	46
L.3.4 Fire Blankets.....	47
L.3.5 Fixed Foam System	47
L.3.6 Helideck Foam System	47
L.3.7 Fixed Fire Extinguishing System	47
L.3.8 Manual Water Deluge System	47
L.3.9 Water Sprinkler System in Accommodation	47
L.4 Breathing Apparatus	47
L.4.1 General Sets.....	47

L.4.2 Derrickman Escape Sets	47
L.4.3 Cascade Stations.....	47
L.4.4 Breathing Air Recharge Compressor	48
L.4.5 Compressed Air Breathing Apparatus Trolley	48
L.4.6 Air Purity Test Equipment	48
L.5 Emergency First Aid Equipment	48
L.5.1 First Aid Kits	48
L.5.2 Burn Kits	48
L.5.3 Resuscitators	48
L.5.4 Stretchers	48
L.6 Helideck Rescue Equipment	48
L.6.1 Helideck Rescue Equipment	48
L.7 Emergency Warning Alarms.....	48
L.7.1 Emergency Warning Alarms.....	49
L.8 Survival Equipment	49
L.8.1 Lifeboats	49
M. POLLUTION PREVENTION EQUIPMENT	49
M.1 Sewage Treatment.....	49
M.2 Garbage Compaction.....	49
M.3 Garbage Disposal / Grinder	49
M.4 Incinerator	49
M.5 Oily Water Separator	49
M.6 Waste Oil.....	49
M.7 Oil & Lubricant Storage	50
M.8 Diesel Fuel Storage	50
N. DRILLING DATA EQUIPMENT	50
N.1 Drilling Data Equipment	50
O. DRAWINGS.....	50
O.1 Drawings.....	50
P. OTHER ADDITIONAL.....	50
P.1 Additional.....	50

A CONTRACTOR LAND RIG SUMMARY

ITEM	DESCRIPTION	AGE	CERTIFICATION	
			YES / NO	EXPIRY DATE
RIG DETAILS				
Rig Number:				
Manufacturer:				
Year Built:				
Nominal vertical depth rating:				
Unit Shape / Design:				
Location:				
Availability:				
MAST:				
Type:				
Height (m) :				
Gross Nominal Capacity (lbs):				
API Static Hook Load Capacity (lbs):				
DRAWWORKS:				
Type:				
Drive:				
Power Rating (HP):				
Max. designed hoisting Capacity:				
DRILLING LINE:				
Wire type:				
Wire diameter (inch):				
Nominal Breaking Strength (lbs):				
AUXILIARY BRAKE:				
Type:				
Number of Brake Discs:				
Brake Disc Cooling:				
Brake Disc Diameter:				
Brake Disc Thickness:				

RIG NO:

ITEM	DESCRIPTION	AGE	CERTIFICATION	
			YES / NO	EXPIRY DATE
SUBSTRUCTURE / WORK FLOOR:				
Height (m):				
Clear height below rotary beams / work floor (m):				
Setback load (lbs):				
Rotary Capacity:				
Max. Combined load (lbs):				
ROTARY TABLE:				
TOP DRIVE:				
HOISTING EQUIPMENT:				
Crown Block:				
Type:				
Capacity (lbs):				
Travelling Block:				
Type:				
Capacity (lbs):				
Hook (Integrated into Travelling Block):				
Type:				
Capacity (lbs):				
Power Swivel:				
Type:				
Capacity (lbs):				
Deadline Anchor:				
Type:				
Capacity:				
RIG SITE POWER:				
Number of Engines:				
Number of Generators:				
Continuous generator power (HP):				
VFD system:				
CAMP POWER				

IADC Equipment List – Land Rigs

RIG NO:

ITEM	DESCRIPTION	AGE	CERTIFICATION	
			YES / NO	EXPIRY DATE
Number of Engines:				
Number of Generators:				
Continuous Generator Power:				
MUD PUMPS:				
Type:				
Number of pumps:				
Power Rating (HP):				
Max. Combined pump output (gal/min.):				
Max. Pressure at max. flow rate (psi):				
Max. pump pressure (psi):				
MUD SYSTEM:				
Active tank capacity (bbl.):				
Reserve tank capacity (bbl.):				
Water/brine tank capacity (bbl.):				
DRILL STRING:				
DRILL PIPE :				
Size (inch):				
Length (m):				
Weight (lb/ft.; kg/m):				
Grade:				
Connection:				
Tool joint OD:				
Tool joint ID:				
DRILL COLLARS:				
SIZE (INCH):				
Spiral or Slick:				
Length(m):				
Weight (lb/ft.; kg/m):				
BRS:				
Connection:				

RIG NO:

ITEM	DESCRIPTION	AGE	CERTIFICATION	
			YES / NO	EXPIRY DATE
ID:				
Qty:				
BLOW OUT PREVENTERS:				
Annular preventers:				
Make :				
Size (inch):				
Pressure rating :				
Ram type preventers:				
Make :				
Size (inch):				
Pressure rating :				
Double ram type preventer Yes or No:				
Shear/Blind Rams Yes or No:				
ACCUMULATOR UNIT:				
Total bottle capacity (gal):				
Total usable fluid (gal):				
CHOKE MANIFOLD:				
Make:				
Size (inch):				
Pressure rating :				

B GENERAL RIG REQUIREMENTS / SPECIFICATIONS**B.1 Mast & Substructure**

ITEM	CONTRACTOR SPECIFICATIONS
B.1.1 MAST	
Make/type:	
Height (m):	
Static hook load (lbs):	
Max. hook load with 6 lines strung (lbs):	
B.1.2 RACKING PLATFORM	
Make/type:	
Racking platform capacity of drill pipe: Size/No.	
Racking platform capacity of drill collar: Size/No.	
B.1.3 SUBSTRUCTURE / WORK FLOOR	
Make/type:	
Height (m):	
Width (m):	
Setback capacity (lbs):	
Rotary capacity (lbs):	
Clear height below rotary table beams / Work floor (m):	
Substructure footprint (m x m):	
Catwalk (m):	
B.1.4 RIG FLOOR WINCHES	
Make:	
Quantity:	
Type:	
Capacity & S.W.L. (lbs):	
Wire diameter (mm):	
Automatic brakes:	
Automatic spooling:	
B.1.5 MONKEY BOARD WORK WINCH	
Make:	
Quantity:	
Type:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Capacity & S.W.L. (lbs):	
Wire diameter (mm):	
Automatic brakes:	
Automatic spooling:	
B1.6 MONKEY BOARD WORK WINCH	
Make:	
Quantity:	
Type:	
Capacity & S.W.L. (lbs):	
Wire diameter (mm):	
Automatic brakes:	
Automatic spooling:	
B1.7 UTILITY WINCH (I.E. CATWALK, SUB-BASE WINCH)	
Make:	
Quantity:	
Type:	
Capacity & S.W.L. (lbs):	
Wire diameter (mm):	
Automatic brakes:	
Automatic spooling:	
B1.8 CATWALK / PIPEHANDLER	
Make:	
Type:	
Capacity & S.W.L. (lbs):	
Integral Pipe Racks:	
Standalone Pipe racks:	

B.2 Drawworks & Associated Equipment

ITEM	CONTRACTOR SPECIFICATIONS
B.2.1 DRAWWORKS	
Make/type:	
Drum type:	
Spinning cathead type:	
Breakout cathead type:	
Travelling Blocks – Crown block anti-collision safety device type/model	
Travelling Blocks - Drill Floor anti-collision safety device type/model	
Rated capacity (kW/HP):	
Input power continuous (kW/HP):	
Brake type:	
Maximum Safe Hook load 6 lines (lbs):	
Maximum Safe Hook load 4 lines (lbs):	
B.2.2 DRAWWORKS POWER	
Number of electric motors:	
Engine make:	
Engine model:	
Maximum input power continuous (kW/HP):	
B.2.3 AUXILIARY BRAKE	
Make/Type:	
Model:	

B.3 Hoisting Equipment

ITEM	CONTRACTOR SPECIFICATIONS
B.3.1 CROWN BLOCK	
Make/type:	
Rated capacity (lbs):	
No. of sheaves:	
B.3.2 TRAVELLING BLOCK	
Make/type:	
Rated capacity (lbs):	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
No. of sheaves:	
B.3.3 HOOK (INTEGRATED INTO TRAVELLING BLOCK)	
Make/type:	
Rated capacity (lbs):	
B.3.4 POWER SWIVEL	
Make/type:	
API Rated bearing capacity (lbs):	
Comparative dead load capacity(lbs):	
Test/working pressure (psi):	
B.3.4 KING SWIVEL	
Make/type:	
API Rated bearing capacity (lbs):	
Comparative dead load capacity(lbs):	
Test/working pressure (psi):	
B.3.6 DRILLING LINE	
Size (mm)/type:	
Breaking strength (lbs):	
Length (m):	
B.3.7 DEADLINE ANCHOR	
Make/type:	
Load rating (lbs):	
Weight sensor type:	

B.4 Rotary System

ITEM	CONTRACTOR SPECIFICATIONS
B.4.1 ROTARY TABLE	
Make/Model:	
Size:	
Torque capacity (ils)	
B.4.2 HINGED/SPLIT TYPE MASTER BUSHINGS	
Quantity:	
Make/Model:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Sizes:	
B.4.3 KELLY BUSHING	
Quantity:	
Make/Model:	
Sizes:	
B.4.4 KELLY BUSHING SAFETY GUARD	
Quantity:	
Make/Model:	
B.4.5 TOP DRIVE	
See INFORMATION ON PAGE 9	

RIG NO:**SYSTEMS****C.1 Rig Power Plant**

ITEM	CONTRACTOR SPECIFICATIONS
C.1.1 DIESEL ENGINE PLANT (RIG CARRIER ENGINE)	
Quantity:	
Make:	
Type:	
Continuous output power available (kW/HP) each engine:	
C.1.2 AC-GENERATOR (AUXILIARY GENERATORS)	
Quantity:	
Make:	
Type:	
Continuous output power available (kW/HP) each engine:	
C.1.3A SCR SYSTEM (EMISSION CONTROL)	
Make:	
Type:	
C1.3B VFD SYSTEM	
Quantity:	
Make:	
Type:	
C.1.4 TRANSFORMER SYSTEM	
Quantity:	
Make:	
Type:	
C.1.5 RIG SERVICE AIR SYSTEM	
Air Compressors	
Quantity:	
Make & Model:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Rated capacity:	
Working pressure psi:	
Air Receivers:	
Quantity:	
Make & Type:	
Rated capacity:	
Working pressure psi:	

C.2 Power Plant (Rig Site)

ITEM	CONTRACTOR SPECIFICATIONS
C.2.1 DIESEL ENGINE PLANT	
Quantity:	
Make:	
Type:	
Continuous power (kW/HP):	
C.2.2 AC-GENERATOR (AUXILLIARY GENERATORS) - STANDALONE	
Quantity:	
Make:	
Type:	
Continuous power (kW/HP):	
Output volts (Volts):	
C.2.3 LIGHTING TOWERS	
Quantity:	
Make:	
Type:	
Continuous power (kW/HP):	
Output volts (Volts):	

RIG NO:**D DRILLSTRING / HANDLING TOOLS****D.1 Drillstring**

ITEM	CONTRACTOR SPECIFICATIONS
D.1.1 DRILL PIPE	
OD/ID body inch	
Total length m	
Grade/Weight (kg/m & lbs/ft.)/Range	
Type of connection	
Tool joint OD inch	
Tool joint ID inch	
Type of hard banding	
D.1.2 DRILL COLLARS	
Size (inch):	
Spiral or Slick:	
Length(m):	
Range:	
Weight (lb/ft.; kg/m):	
BRS:	
Connection:	
ID:	
Qty:	
D.1.3 HWDP (HEAVY-WEIGHT DRILLPIPE)	

D.2 Handling Tools

ITEM	CONTRACTOR SPECIFICATIONS
D.2.1 DRILL PIPE ELEVATORS	
Size:	
Quantity:	
Make:	
Model:	
Rated Capacity:	
D.2.2 DRILL COLLAR ELEVATORS	
Size:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Quantity:	
Make:	
Model:	
Rated Capacity:	
D.2.3 TUBING ELEVATORS	
Size:	
Quantity:	
Make:	
Model:	
Rated Capacity:	
D.2.4 DRILL PIPE HAND SLIPS	
Size:	
Quantity:	
Make:	
Model:	
D.2.5 SEMI-AUTOMATIC DP SLIPS	
Size:	
Quantity:	
Make:	
Model:	
D.2.6 DRILL COLLAR SLIPS	
Size:	
Quantity:	
Make:	
Model:	
D.2.7 DRILL COLLAR SAFETY CLAMPS	
Size:	
Quantity:	
Make:	
D.2.8 TUBING SLIPS	
Size:	
Quantity:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Make/Model:	
D.2.9 TUBING SPIDER	
Size:	
Quantity:	
Make/Model:	
D.2.10 DRILL COLLAR LIFTING SUBS	
Quantity:	
For OD DC:	
Connection Type:	
D.2.11 DC LIFTING PLUGS	
Quantity:	
For OD DC:	
Connection Type:	
D.2.12 BIT BREAKERS	
Quantity:	
Make / Type:	
D.2.13 ELEVATOR LINKS	
Quantity:	
Make / Type:	
Size:	
Length:	
Rated Capacity:	
D.2.14 KELLY SPINNER	
Quantity:	
Make / Type:	
D.2.15 DRILLPIPE SPINNER	
Quantity:	
Make / Type:	
D.2.16 MUD SAVER BUCKET	
Make:	
Size:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
D.2.17 HYDRAULIC MAKE-UP/BREAKOUT MACHINE (EZY TORQUE)	
Quantity:	
Make / Type:	
D.2.18 ROTARY RIG TONGS	
Quantity:	
Make / Type:	
D.2.19 TUBING TONGS (MANUAL)	
Quantity:	
Make / Type:	
D.2.20 TUBING TONGS (POWER)	
Quantity:	
Make:	
Type:	
Pipe Size Range:	
Max torque Capacity:	
Torque Indicator (Y/N):	
Back Up Arm (Y/N):	
D.2.21 IRON ROUGHNECK	
Make / Type:	

D.3 Fishing Equipment

ITEM	CONTRACTOR SPECIFICATIONS
D.3.1 OVERSHOTS	
Quantity:	
Make / Type:	
Control Guide:	Sucker Rods
	Tubing
Plain Guide:	
Sucker Rod Bowl:	
Grapples (basket):	Sucker Rods

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
	Tubing
Grapples (spiral):	Sucker Rods
	Tubing
Top Sub:	
D.3.2 HYDRAULIC FISHING JAR	
Quantity:	
Make / Type:	
Connection Type:	
Repair Kit:	
D.3.3 JAR INTENSIFIER	
Make / Type:	
D.3.4 SURFACE JAR	
Make / Type:	
D.3.5 FISHING BUMPER SUB	
Quantity:	
Make / Type:	
Connection Type:	
Repair Kit:	
D.3.6 SAFETY JOINTS	
Quantity:	
Make / Type:	
Connection Type:	
Repair Kit:	
D.3.7 JUNK BASKETS (REVERSE CIRCULATION)	
Quantity:	
D.3.8 JUNK SUBS	
Quantity:	
Type thread:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
D.3.9 FLAT BOTTOM JUNK MILL	
Quantity:	
Make / Type:	
Connection Type:	
Repair Kit:	
D.3.10 MAGNET FISHING TOOLS	
Quantity:	
Make / Type:	
Connection Type:	
Repair Kit:	
D.3.11 TAPER TAPS	
Quantity:	
Make / Type:	
Connection Type:	
D.3.12 DIE COLLARS	
Quantity:	
Make / Type:	
Connection Type:	
Size:	

E WELL CONTROL EQUIPMENT**E.1 BOP Stack**

ITEM	CONTRACTOR SPECIFICATIONS
E.1.1 BOP	
A) Diverter / Circulation Head	
Quantity:	
Make:	
Type:	
Size (inch):	
WP (psi):	
Connection top/bottom:	
B) Bag Type Preventer	
Quantity:	
Make:	
Type:	
Size (inch):	
WP (psi):	
Connection top/bottom:	
Fitted with accumulator bottle for stripping:	
C.1) Ram Type Preventer	
Quantity:	
Make:	
Type:	
Single/double:	
Size (inch):	
WP (psi):	
Side outlet ID (inch):	
Connection top/bottom:	
Lock mechanism:	
E.1.2 KILL / CHOKE LINES (HARDLINES)	
Quantity:	
Type:	
Size (inch):	
WP (psi):	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
E.1.3 HYDRAULIC SUPPLY LINES (KOOMEY LINES)	
Quantity:	
Type:	
Size (inch):	
WP (psi):	

E.2 BOP Control System

ITEM	CONTRACTOR SPECIFICATIONS
E.2.1 ACCUMULATOR UNIT	
Make:	
Model/type:	
Installation site:	
No. of bottles installed (Qty):	
Total bottles capacity (litres):	
Bottle working pressure (psi):	
Control manifold model:	
Low pressure/low reservoir level alarms (y/n):	
Serial (No.):	

E.2.2 TRIPLEX PUMPS	
Quantity:	
Make:	
Model:	
Each driven by motor (kW):	
Flow rate of pump (litre):	
At max. operating pressure (psi):	

E.2.3 AIR PUMPS	
Quantity:	
Make:	
Model:	
Each driven by motor (kW):	
Flow rate of pump (litre):	
At max. operating pressure (psi):	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS

E.2.4 DRILLER'S CONTROL PANEL

Make:	
Model:	
Serial No.:	
Low accumulator system pressure warning:	
Low reservoir level warning:	
Low rig air pressure warning:	
Pressure regulator for bag:	
Control for by-pass valve:	
Quantity of pressure gauges:	

E.2.5 LOCAL CONTROL PANEL**E.3 Choke Manifold & Testing Equipment**

ITEM	CONTRACTOR SPECIFICATIONS
------	---------------------------

E.3.1 CHOKE MANIFOLD

Make:	
Size (inch):	
Working Pressure (psi):	
H2S service (y/n):	
Quantity of valves:	
Make/model:	
Size (inch):	
Quantity of adjustable chokes:	
Make/type:	
Quantity of power chokes:	
Make/type:	
Power choke remote control panel (y/n):	
Make/type:	
Glycol injection pump (y/n):	
Make/type:	

E.3.2 FLEXIBLE CHOKE & KILL LINES (SHOCK HOSES)

Make:	
-------	--

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Size (inch):	
Working Pressure (psi):	
E.3.2 HYDRAULIC TEST PUMP	
Make:	
Model:	
E.3.3 TEST STUMPS FOR BOP TESTING	
Location:	
Complete with test tools (y/n):	
Chart recorder detail:	
E.3.4 BOP TEST SUB	
Type:	
Connection:	

F. MUD SYSTEM**F.1 High Pressure Mud System**

ITEM	CONTRACTOR SPECIFICATIONS
F.1.1 MUD PUMPS	
A) Mud Pump No. 1	
Make:	
Model:	
Mud pump driven by motors (No. & Type):	
Continuous power rating of each engine (kW (HP)):	
Fluid end type:	
Cylinders/valves cover:	
Equipped with:-	
• Pump stroke counter type:	
• Liner sizes available inch:	
• Supercharging pump type:	
• Independently driven by motor kW (HP) Type:	
• Discharge/suction line dia (ID x ID) inch:	
• Working flowrate gpm:	

F.2 Low Pressure Mud System – Tanks

ITEM	CONTRACTOR SPECIFICATIONS
F.2.1 MUD TANK SYSTEM	
A) Active Mud Tanks	
Quantity:	
Total capacity (bbl.):	
Dimensions (m):	
Description/Capacity No. 1 (bbl.):	
Description/Capacity No. 2 (bbl.):	
Description/Capacity No. 3 (bbl.):	
Capacity degasser tank (bbl.):	
B) Water / Brine Tank (Frac Tank)	
Quantity:	•
Total capacity (bbl.):	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Dimensions (m):	
Description/Capacity No. 1 (bbl.):	
Description/Capacity No. 2 (bbl.):	
Description/Capacity No. 3 (bbl.):	
F.2.2 SETTLING TANK	
Quantity:	
Total capacity (bbl.):	
Dimensions (m):	
Description/Capacity No. 1 (bbl.):	
F.2.3 PILL TANKS	
Quantity:	
Total capacity (bbl.):	
Dimensions (m):	
Description/Capacity No. 1 (bbl.):	
F.2.4 TRIP TANK	
Quantity:	
Total capacity (bbl.):	
Dimensions (m):	
Description/Capacity No. 1 (bbl.):	
F.2.5 STRIPPING TANK	
Quantity:	
Total capacity (bbl.):	
Dimensions (m):	
Description/Capacity No. 1 (bbl.):	
F.2.6 MUD AGITATORS	
Quantity:	
Make:	
Model:	
Driven by motor of kW (HP):	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
F.2.7 MIXING PUMPS/CHARGE PUMPS	
Quantity:	
Make/Model:	
Driven by motor rpm x kW (HP):	
F.2.8 MUD MIXING HOPPER	
Make/Model:	
Type:	
F.2.9 TRANSFER PUMPS	
Quantity for mud tanks:	
Quantity for water tanks:	
Make/Model:	
Type:	
Driven by motor (type):	
Power output kW (HP):	
F.2.10 CHEMICAL MIXING TANK	
Quantity:	
Total capacity (bbl.):	
Dimensions (m):	
Description/Capacity No. 1 (bbl.):	
F.2.11 CAUSTIC MIXING UNIT	
Quantity:	
Make/Model:	
Type:	
Total capacity (bbl.):	

F.3 Low Pressure Mud System – Process Equipment

ITEM	CONTRACTOR SPECIFICATIONS
F.3.1 SHALE SHAKER	
Quantity:	
Make/Model:	
F.3.2 DESANDER	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Quantity:	
Make/Model:	
F.3.3 DESILTER	
Quantity:	
Make/Model:	
F.3.4 MUD/GAS SEPARATOR (POOR BOY)	
Quantity:	
Make/Model:	
F.3.5 VACUUM DEGASSER	
Quantity:	
Make/Model:	
F.3.5 CENTRIFUGE	
Quantity:	
Make/Model:	
F.3.6 CELLAR PUMP (LUNG/WATER PUMPS)	
Quantity:	
Make/Model:	

F.4 Mud Laboratory – Equipment & Chemicals

ITEM	CONTRACTOR SPECIFICATIONS
F.4 MUD LABORATORY	
Make/Model:	

RIG NO:**G. CASING / CEMENTING****G.1 Casing Equipment**

ITEM	CONTRACTOR SPECIFICATIONS
G.1.1 SIDE DOOR ELEVATORS	
Make/Model:	
Total capacity (bbl.):	
Size:	
G.1.2 SINGLE JOINT ELEVATORS	
Make/Model:	
Total capacity (bbl.):	
Size:	
G.1.3 SLIP TYPE ELEVATOR/SPIDER	
Make/Model:	
Total capacity (bbl.):	
Size:	
G.1.4 POWER CASING TONG	
Make/Model:	
Torque size:	
G.1.5 POWER TUBING TONG	
Make/Model:	
Torque size:	
G.1.6 HYDRAULIC CASING TONGS	
Make/Model:	
Torque size:	
G.1.7 HPU FOR HYDRAULIC CASING TONGS	
Make/Model:	
Torque size:	

H. INSTRUMENTATION / COMMUNICATION

H.1 Drilling Instrumentation

ITEM	CONTRACTOR SPECIFICATIONS
H.1 DRILLING INSTRUMENTATION	
General Alarm System: The alarm shall be audible under all operating conditions throughout the drilling location, including external and internal workspaces. It shall consist of the following characteristics: Audible signal Visual signal A flashing Light.	
At driller's console	
• Block Height Indicator	
• Weight indicator (hook load)	
• Standpipe pressure gauge; Vernier	
• Rotary Torque Indicator	
• Total Gas Percentage (including LEL conversion)	
• Pump Stroke Counters	
• Tong Torque Indicator	
• Pit Volume Totaliser	
• Rotary speed tachometer.	
• Mud flow indicator	
• Trip Tank Indicator	
• Remote Choke Control	
• Utility standpipe pressure gauge	
Standpipe pressure gauge, mounted on standpipe, visible from drillers position.	
At driller's doghouse Drilling parameter recorder; computerised monitoring or pen recorder for:	
• WOB / string weight (lbs)	
• Rate of penetration (m/hr)	
• Rotary speed (RPM)	
• Rotary torque (Amps)	
• Pump pressure (psi)	
• Pump rate each pump (SPM)	
• Pit volume recorder; 24 hr recorder monitoring active & reserve tanks.	
• Flowrate recorder; 24 hr recorder.	
• Trip tank recorder; 24 hr recorder.	
At choke manifold:	
• Standpipe pressure gauge.	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Choke manifold pressure gauge; 0 - 10,000 psi.	
Gauges at choke manifold to be combined on one panel and be visible from choke operating position.	
Deviation Equipment	
General Instruments	
Tri-cone bit gauge rings;	
Internal / external callipers; 0-10"	
Derrick tapes; 0-30m.	

H.2 Rig Communication System

DESCRIPTION & SPECIFICATIONS	COMPLIANCE
	YES / NO
CONTRACTOR shall provide adequate radio, electronic mail, data transmission, fax and telephone communications including:	
All communication required for CONTRACTOR operations between WORKOVER UNIT and COMPANY / CONTRACTOR SUPPLY BASES, COMPANY and CONTRACTOR OFFICES etc.	
Accommodation for CONTRACTOR, COMPANY and OTHER CONTRACTOR radio / communication equipment, including data display screens.	
An EX-Category 1 rated safe communication link between WORKOVER UNIT personnel and COMPANY REPRESENTATIVE.	
Emergency provision of satellite voice communication to COMPANY.	

ITEM	CONTRACTOR SPECIFICATIONS
H.2.1 PUBLIC ADDRESS SYSTEM	
Make/Type/Description:	
Explosion proof (y/n):	
H.2.2 INTERCOM SYSTEM	
Make/Type/Description:	
Explosion proof (y/n):	
H.2.3 TELEPHONE AND INTERNET SYSTEM	
Make/Type/Description:	
Explosion proof (y/n):	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
H.2.4 UHF RADIOS	
Make:	
Type:	
Explosion proof (y/n):	
H.2.5 CCTV SYSTEM	
Make/Type/Description:	
Explosion proof (y/n):	

I. PRODUCTION TEST EQUIPMENT

ITEM	CONTRACTOR SPECIFICATIONS
I.1 BURNERS	
Quantity:	
Make/Type/Description:	
I.2 BURNER ROOMS	
Quantity:	
Make/Type/Description:	
I.3 PIPING ON BURNER ROOMS	
Quantity:	
Make/Type/Description:	
I.4 SPRINKLER SYSTEMS	
Quantity:	
Make/Type/Description:	
I.5 FIXED PIPING FOR WELL TESTING	
Quantity:	
Make/Type/Description:	
I.6 AUXILIARY POWER AVAILABILITY (FOR LABORATORY, CRUDE TRANSFER & ELECTRIC HEATERS)	
Quantity:	
Make/Type/Description:	
I.7 COMPRESSED AIR PACKAGES	
AIR COMPRESSORS	
Quantity:	
Make/Model/Capacity	
BOOSTER	
Quantity:	
Make/Model/Capacity	
I.8 SCUF TANK	
Quantity:	
Make/Model/Capacity	

RIG NO:

J. WORKOVER TOOLS

J.1 Rod Equipment

ITEM	CONTRACTOR SPECIFICATIONS
J.1.1 ROD STRIPPER	
Quantity:	
Description:	
J.1.2 ROD ELEVATORS	
Quantity:	
Make:	
Model:	
Size:	
Capacity:	
J.1.3 ROD HOOK	
Quantity:	
Make:	
Model:	
Capacity:	
J.1.4 SNAP WRENCHES	
Quantity:	
Make:	
Type:	
Size:	
J.1.5 ROD TONG	
Quantity:	
Make:	
Model:	
Size:	
Capacity:	

J.2 Tubing Equipment

ITEM	CONTRACTOR SPECIFICATIONS
J.2.1 SAFETY VALVES	
Quantity:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Make:	
Size:	
Min. drill pipe ID required:	
Connections (type):	
Connections OD:	
Working pressure rating (Psi):	
J.2.2 KELLY SAFETY VALVE	
Quantity:	
Make:	
Type:	
Working pressure rating (Psi):	
Max. OD body:	
Min. ID body:	
Type of connection	
J.2.3 SIDE ENTRY SUB	
Quantity:	
Bottom connection 4½" IF	
Top connection 4½" IF	
Side Entry 2" WECO connection	
Working pressure rating (Psi):	
J.2.4 BPV'S & TWCV'S	
Quantity:	
Description:	
J.2.5 DRIFTS	
Quantity:	
To Suit:	
J.2.6 CROSSOVERS	
Short Crossovers:	
Crossovers:	
Near Bit Subs:	
J.2.7 FLOAT VALVES	
Quantity:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Make:	
Type:	
For OD Drill Collar:	

J.2.8 CUP TESTERS

Quantity:	
Size test cup for casing sizes 13 $\frac{3}{8}$ ", 9 $\frac{5}{8}$ "	

J.3 Vehicles

ITEM	CONTRACTOR SPECIFICATIONS
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J.3.1 CREW VEHICLES

Quantity:	
Description:	

J.3.2 LOADER / TELEHANDLER

Quantity:	1
Description:	Loader Make: Lift Capacity with Stinger / JIB: Lift Capacity with Bi-Fold Forks: Attachments:

RIG NO:**K. RIG OFFICE, SLEEPING AND ABLUTION ACCOMMODATION**

DESCRIPTION & SPECIFICATIONS	COMPLIANCE YES / NO
Offices on the WORKOVER UNIT for COMPANY personnel. A computerised system to monitor relevant parameters, and monitors connected to the WORKOVER UNIT data acquisition system for monitoring data screens shall be available in the COMPANY REPRESENTATIVE office.	
CONTRACTOR shall provide accommodation facilities in the form of a mobile WORKOVER UNIT CAMP. The camp shall be sized to accommodate all CONTRACTOR personnel, a minimum of two (2) COMPANY PERSONNEL and a minimum of six (6) THIRD PARTY OTHER CONTRACTOR personnel on behalf of the COMPANY.	
CONTRACTOR shall provide eight (8) person accommodation units with shared en-suite bathroom facilities.	
CONTRACTOR shall provide accommodation, ablution facilities and catering which are in compliance with legislation.	
Full Camp Management Services including catering, cleaning, housekeeping and waste removal / disposal.	
CONTRACTOR shall obtain appropriate permits and authorisation including, but not necessarily limited to, building permit, plumbing compliance certificate, food preparation licence etc.	
Dedicated accommodation with shower and sanitary facilities for COMPANY REPRESENTATIVE, and other assigned COMPANY PERSONNEL including visitors;	
CONTRACTOR shall provide potable drinking water supplied and stored in bulk. Should the bulk potable water system be inoperable for a prolonged period of time (more than 12 hours), then bottled water shall be provided by CONTRACTOR at CONTRACTOR's cost.	
Dedicated recreation room with minimum of one (1) set of 80cm LCD/ LED TV or equivalent and DVD player complete with satellite TV subscription and wireless internet connection;	
Wireless internet connection to be accessible from all accommodation areas, dining and recreation areas.	
Air-conditioned fitness room containing as a minimum: - treadmill machine; - spin bike; - range of free weights; - weight bench; - multi-gym machine;	
All catering personnel shall have completed a safe food-handling course. In addition, CONTRACTOR shall provide health certificates for all catering personnel.	
CONTRACTOR shall make provision for the supply of regular and scheduled snacks to be delivered to the WELL WORKSITE in between meals (commonly known as 'smoko'). The supply of such shall be included in the daily ALL-IN RIG rate in accordance with Section III – Schedule of Prices and Rates.	
CONTRACTOR shall supply and install a large 'magna-board' at the 'smoko' shack (this is in addition to the board displaying POB and ERP details), it will be used for Assist and Assure and toolbox meetings.	

RIG NO:

DESCRIPTION & SPECIFICATIONS	COMPLIANCE YES / NO
When requested by the COMPANY, CONTRACTOR shall supply meals to COMPANY PERSONNEL and / or THIRD PARTY. In the case of THIRD PARTY request for meals, CONTRACTOR may seek approval from COMPANY REPRESENTATIVE.	
In accordance with the requirements outlined in Article 17.1 (h) of this Section IV – Scope of Work, CONTRACTOR shall provide, at its cost, potable water as required for an efficient and continuous operation.	
CONTRACTOR to provide adequate first aid equipment on site to provide initial care to any foreseeable injury or illness.	
COMPANY to provide additional medical facilities and services at COMPANY FIELD OFFICE and COMPANY SUPPLY BASE.	

K.1 Wellsite Buildings

ITEM	CONTRACTOR SPECIFICATIONS
K.1.1 SITE OFFICE BUILDING	
Quantity:	
Description:	
K.1.2 WELLSITE ACCOMMODATION	
Quantity:	
Description:	
K.1.3 WELLSITE FACILITIES	
CRIB ROOM	
Quantity:	
Description:	
WORKSHOP	
Quantity:	
Description:	

K.2 Main Camp Structures

ITEM	CONTRACTOR SPECIFICATIONS
K.2.1 ACCOMMODATION BUILDINGS	
Quantity:	
Number of Rooms:	
Number of Beds per Room:	
Bathroom Facilities (private/shared/communal):	
Description:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
K.2.2 KITCHEN & DINING ROOM	
Quantity:	
Description:	
K.2.3 FROZEN / COLD & DRY STORAGE	
Quantity:	
Description:	
K.2.4 RECREATION ROOM & LAUNDRY	
Quantity:	
Description:	
K.2.5 RECREATION ROOM, GYM & SEATING AREA	
Quantity:	
Description:	
K.2.6 COMBINED GENERATOR / WATER STORAGE UTILITY SKID	
Quantity:	
Description:	
K.2.7 SEWERAGE TREATMENT	
Quantity:	
Description:	

L. SAFETY EQUIPMENT

DESCRIPTION & SPECIFICATIONS	COMPLIANCE YES / NO
Installation of CONTRACTOR ITEMS, as specified in the CONTRACT to meet the specified requirements of the service;	
Provision of safety equipment as specified in the CONTRACT, which is in good working condition and maintained according to manufacturer's specification;	
Provision of an adequate spare parts inventory for the service and maintenance of all the safety equipment supplied;	
Provision of clothing and equipment to each CONTRACTOR PERSONNEL at the WELL location including as a minimum the following: • safety helmet approved to a recognised international standard; • eye protection (as necessary); • ear protection (where noise levels exceed 85dB(A)); • gloves suitable for the WORK, including but not limited to impact resistant gloves for handling of heavy equipment and tools, and cut resistant gloves for handling metal cutting from milling operations; • fire retardant shirt suitable for the WORK; • fire retardant trousers suitable for the WORK; • safety boots suitable for the WORK; • H2S/gas detection equipment - fixed system and handheld, both suitably zone rated. Minimum number of three (3) detection points and centralised alarm system run off rig power. • fire retardant rain coat/suit; • aprons suitable for the WORK; • face masks suitable for the WORK; • breathing apparatus • suits for working with hazardous fluids (i.e. hydraulic oil).	
CONTRACTOR shall ensure that all SUBCONTRACTORS have the required safety equipment of acceptable quality.	
Provision of Fire Fighting equipment / teams comprising: • Fire-fighting equipment in accordance with internationally recognised standards, the equipment list herein the CONTRACT, specifically Section VI – Technical Specifications. • Fire-fighting teams trained by an approved training centre which is acceptable in the COUNTRY OF OPERATION and which has been approved by COMPANY.	
CONTRACTOR to provide adequate first aid equipment on site to provide initial care to any foreseeable injury or illness.	
COMPANY to provide additional medical facilities and services at COMPANY FIELD OFFICE and COMPANY SUPPLY BASE.	

L.1 General Safety Equipment

ITEM	CONTRACTOR SPECIFICATIONS
L.1.1 GENERAL PERSONNEL PROTECTIVE EQUIPMENT	
Safety Equipment:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
• safety helmet approved to a recognised international standard; • eye protection (as necessary); • ear protection (where noise levels exceed 85dB(A)); • gloves suitable for the WORK, including but not limited to impact resistant gloves for handling of heavy equipment and tools, and cut resistant gloves for handling metal cutting from milling operations; • fire retardant shirt suitable for the WORK; • fire retardant trousers suitable for the WORK; • safety boots suitable for the WORK; • fire retardant rain coat/suit; • aprons suitable for the WORK; • face masks suitable for the WORK; • suits for working with hazardous fluids (i.e. hydraulic oil).	

L.1.2 DECONTAMINATION STATIONS**Eye Wash Stations**

Quantity:	
Make / Model:	
Location:	

Safety Showers

Quantity:	
Make / Model:	
Location:	

L.1.3 DERRICK SAFETY EQUIPMENT

Type:	
Make:	

L.1.4 DERRICK CLIMBING ASSISTANT

Quantity:	
Make / Model:	
Location:	

L.1.5 FRESH AIR BLOWERS (BUG BLOWERS)

Quantity:	
Make / Model:	

L.2 Gas / Fire / Smoke Detection

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
L.2.1 H2S MONITORING SYSTEM (FIXED)	
Quantity:	
Make / Type:	
Location:	
L.2.2 COMBUSTIBLE GAS MONITORING SYSTEM (FIXED)	
Quantity:	
Make / Type:	
Location:	
L.2.3 H2S GAS DETECTORS (PORTABLE)	
Quantity:	
Make / Type:	
L.2.4 CO2 GAS DETECTORS (PORTABLE)	
Quantity:	
Make / Type:	
L.2.5 EXPLOSIMETERS	
Quantity:	
Make / Type:	
L.2.6 FIRE / SMOKE DETECTORS IN ACCOMMODATION	
Quantity:	
Make / Type:	
L.3 Fire Fighting Equipment	
ITEM	CONTRACTOR SPECIFICATIONS
L.3.1 FIRE PUMPS	
Quantity:	
Make / Type:	
L.3.2 HYDRANTS & HOSES	
Quantity:	
Make / Type:	
L.3.3 PORTABLE FIRE EXTINGUISHERS	
Quantity:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
Make / Type:	
L.3.4 FIRE BLANKETS	
Quantity:	
Make / Type:	
L.3.5 FIXED FOAM SYSTEM	
Quantity:	
Make / Type:	
L.3.6 HELIDECK FOAM SYSTEM	
Quantity:	
Make / Type:	
L.3.7 FIXED FIRE EXTINGUISHING SYSTEM	
Quantity:	
Make / Type:	
L.3.8 MANUAL WATER DELUGE SYSTEM	
Quantity:	
Make / Type:	
L.3.9 WATER SPRINKLER SYSTEM IN ACCOMMODATION	
Quantity:	
Make / Type:	

L.4 Breathing Apparatus

ITEM	CONTRACTOR SPECIFICATIONS
L.4.1 GENERAL SETS	
Quantity:	
Make / Type:	
L.4.2 DERRICKMAN ESCAPE SETS	
Quantity:	
Make / Type:	
L.4.3 CASCADE STATIONS	
Quantity:	
Make / Type:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
L.4.4 BREATHING AIR RECHARGE COMPRESSOR	
Quantity:	
Make / Type:	
L.4.5 COMPRESSED AIR BREATHING APPARATUS TROLLEY	
Quantity:	
Make / Type:	
L.4.6 AIR PURITY TEST EQUIPMENT	
Quantity:	
Make / Type:	

L.5 Emergency First Aid Equipment

ITEM	CONTRACTOR SPECIFICATIONS
L.5.1 FIRST AID KITS	
Quantity:	
Make / Type:	
L.5.2 BURN KITS	
Quantity:	
L.5.3 RESUSCITATORS	
Quantity:	
Make / Type:	
L.5.4 STRETCHERS	
Quantity:	
Make / Type:	

L.6 Helideck Rescue Equipment

ITEM	CONTRACTOR SPECIFICATIONS
L.6.1 HELIDECK RESCUE EQUIPMENT	
Make / Model:	
Location:	

L.7 Emergency Warning Alarms

ITEM	CONTRACTOR SPECIFICATIONS
L.7.1 EMERGENCY WARNING ALARMS	
Quantity:	
Make / Type:	

L.8 Survival Equipment

ITEM	CONTRACTOR SPECIFICATIONS
L.8.1 LIFEBOATS	

M. POLLUTION PREVENTION EQUIPMENT

ITEM	CONTRACTOR SPECIFICATIONS
M.1 SEWAGE TREATMENT	
Quantity:	
Make / Type:	
M.2 GARBAGE COMPACTION	
Quantity:	
Make / Type:	
Capacity:	
M.3 GARBAGE DISPOSAL / GRINDER	
Quantity:	
Make / Type:	
Capacity:	
M.4 INCINERATOR	
Quantity:	
Make / Type:	
Capacity:	
M.5 OILY WATER SEPARATOR	
Quantity:	
Capacity:	
M.6 WASTE OIL	
Quantity:	
Capacity:	

RIG NO:

ITEM	CONTRACTOR SPECIFICATIONS
M.7 OIL & LUBRICANT STORAGE	
Quantity:	
Capacity:	
M.8 DIESEL FUEL STORAGE	
Quantity:	
Capacity:	

N. DRILLING DATA EQUIPMENT***N.1 Drilling Data Equipment***

ITEM	CONTRACTOR SPECIFICATIONS

O. DRAWINGS***O.1 Drawings***

ITEM	CONTRACTOR SPECIFICATIONS

P. OTHER ADDITIONAL***P.1 Additional***

ITEM	CONTRACTOR SPECIFICATIONS