

**OIL INDIA LIMITED
KG BASIN PROJECT
KAKINADA**

AMENDMENT No. 1 Dated 22.12.2021
To TENDER No. CBI9040P22

1.0 This amendment is issued to amend /correct the following clauses of bidding document:

Sl.	CLAUSE No.	ORIGINAL CLAUSE	AMENDED CLAUSE
1	Part3, Section – II (SOW) 7.0 SPECIFICATIONS OF DRILLING RIG: 7.1 GROUP – I (L) POWER PACK:	(i) Engines – Minimum 4 (Four) Nos. Turbocharged, after cooled, air start, diesel fuelled Oilfield engines (Approximate Minimum Combined Rating of 4500 HP). Each power pack should be complete with matching alternator, 50 Hz. The fuel for the engines should be freely and easily available in India.	(i) Engines – Minimum 4 (Four) Nos. Turbocharged, after cooled, air start, diesel fuelled Oilfield engines (Approximate Minimum Combined Rating of 4500 HP). Each power pack should be complete with matching alternator, 50 Hz. The fuel for the engines should be freely and easily available in India. Note: Alternator of 60 HZ with suitable frequency converter will also be accepted.
2	Part3, Section – II (SOW) 7.0 SPECIFICATIONS OF DRILLING RIG: 7.2 GROUP – II 1) BOP STACK (As per API Spec 16A) AND WELL CONTROL EQUIPMENT (As per API Spec 16C): (A) BOP STACKS / SPOOLS:	(ii) 21.1/4" x 2M or 20.3/4" x 3M Drilling Diverter spool with 2 (two) nos. of 9" x 1000/2000 psi side outlets and around 30" overall length to be used with 21.1/4" x 2M or 20.3/4" x 3M Annular BOP respectively. In case 21.1/4" x 2M Annular BOP along with 21.1/4" x 2M Drilling Diverter spool is offered, a suitable double studded cross-over flange or cross-over spool i.e. 20.3/4" x 3M to 21.1/4" x 2M complete with all required studs, nuts, ring joint gaskets, etc. should be provided for installation of 21.1/4" x 2M Drilling Diverter spool over the 20.3/4" x 3M Casing Head Housing.	(ii) 21.1/4" x 2M or 20.3/4" x 3M Drilling Diverter spool with 2 (two) nos. of 7.1/16" or 9" x 1000/2000 psi side outlets and around 30" overall length to be used with 21.1/4" x 2M or 20.3/4" x 3M Annular BOP respectively. In case 21.1/4" x 2M Annular BOP along with 21.1/4" x 2M Drilling Diverter spool is offered, a suitable double studded cross-over flange or cross-over spool i.e. 20.3/4" x 3M to 21.1/4" x 2M complete with all required studs, nuts, ring joint gaskets, etc. should be provided for installation of 21.1/4" x 2M Drilling Diverter spool over the 20.3/4" x 3M Casing Head Housing.
3	Part3, Section – II (SOW) 7.0 SPECIFICATIONS OF DRILLING RIG: 7.2 GROUP – II 1) BOP STACK	(v) One (1) double ram BOP, 13.5/8" x 10,000 psi (Cameron/Cameron-Schlumberger/Shaffer/Shaffer-NOV/ Hydril/Hydrill-GE/WOM only) having top & bottom flange of 13.5/8" x 10,000 psi Working Pressure with one set of blind ram, one set of 9.5/8", 7", 5.1/2", 3.1/2" & 2.7/8" pipe rams and two sets of 5" pipe rams or one set of 5" pipe ram along with one set of Top seal plus front packer elements (Two sets of Variable	(v) One (1) double ram BOP, 13.5/8" x 10,000 psi (Cameron/Cameron-Schlumberger/Shaffer/Shaffer-NOV/ Hydril/Hydrill-GE/WOM only) having top & bottom flange of 13.5/8" x 10,000 psi Working Pressure with one set of blind ram, one set of 9.5/8", 7", 5.1/2", 3.1/2" & 2.7/8" pipe rams and two sets of 5" pipe rams or one set of 5" pipe ram along with one set of Top seal plus front packer elements (Two sets of Variable

	(As per API Spec 16A) AND WELL CONTROL EQUIPMENT (As per API Spec 16C): (A) BOP STACKS / SPOOLS:	Bore Ram assemblies covering the range from 4.1/2" to 7" will also be acceptable). The BOP shall be complete with at least four (4) 3.1/16" X 10,000 psi flanged side outlets (i.e. two beneath each set of ram), ring joint gaskets, blind flanges and required stud & nuts.	Bore Ram assemblies covering the range from 4.1/2" to 7" will also be acceptable). The BOP shall be complete with at least four (4) 3.1/16" (or 4.1/16") X 10,000 psi flanged side outlets (i.e. two beneath each set of ram), ring joint gaskets, blind flanges and required stud & nuts.
4	Part3, Section – II (SOW) 7.0 SPECIFICATIONS OF DRILLING RIG: 7.2 GROUP – II 1) BOP STACK (As per API Spec 16A) AND WELL CONTROL EQUIPMENT (As per API Spec 16C): (A) BOP STACKS / SPOOLS:	(vi) One (1) single ram BOP, 13.5/8" x 10,000 psi (Cameron/Cameron-Schlumberger/Shaffer/Shaffer–NOV/ Hydril/Hydrill-GE/WOM only) having top & bottom flange of 13.5/8" x 10,000 psi Working Pressure with one set of blind ram, one set of 9.5/8", 7", 5.1/2", 3.1/2" & 2.7/8" pipe rams and two sets of 5" pipe rams or one set of 5" pipe ram along with one set of Top seal plus front packer elements (Two sets of Variable Bore Ram assemblies covering the range from 4.1/2" to 7" will also be acceptable). The BOP shall be complete with at least two (2) 3.1/16" X 10,000 psi flanged side outlets (i.e. beneath the set of ram), ring joint gaskets, blind flange and required stud & nuts.	(vi) One (1) single ram BOP, 13.5/8" x 10,000 psi (Cameron/Cameron-Schlumberger/Shaffer/Shaffer–NOV/ Hydril/Hydrill-GE/WOM only) having top & bottom flange of 13.5/8" x 10,000 psi Working Pressure with one set of blind ram, one set of 9.5/8", 7", 5.1/2", 3.1/2" & 2.7/8" pipe rams and two sets of 5" pipe rams or one set of 5" pipe ram along with one set of Top seal plus front packer elements (Two sets of Variable Bore Ram assemblies covering the range from 4.1/2" to 7" will also be acceptable). The BOP shall be complete with at least two (2) 3.1/16" (or 4.1/16") X 10,000 psi flanged side outlets (i.e. beneath the set of ram), ring joint gaskets, blind flange and required stud & nuts.
5	Part3, Section – II (SOW) 7.0 SPECIFICATIONS OF DRILLING RIG: 7.2 GROUP – II 1) BOP STACK (As per API Spec 16A) AND WELL CONTROL EQUIPMENT (As per API Spec 16C): (A) BOP STACKS / SPOOLS:	(xi) Drilling spool: (a) One (1) 20.3/4" x 3000 psi (around 30" high) with 2 flanged side outlets of size 3.1/16" having 2" or 3" female line pipe threads in the same horizontal plane but in opposite directions. The spool shall be complete with ring joint gaskets, studs & nuts, blind flange/bull plug (for side outlets).	(xi) Drilling spool: (a) One (1) 20.3/4" x 3000 psi (around 30" high) with 2 flanged/ studded side outlets of size 3.1/16" having 2" or 3" female line pipe threads in the same horizontal plane but in opposite directions. The spool shall be complete with ring joint gaskets, studs & nuts, blind flange/bull plug (for side outlets). OR One (1) 21.1/4" x 2000 psi (around 30" high as per offered Annular BOP) with 2 flanged/studded side outlets of size 3.1/16" having 2" or 3" female line pipe threads in the same horizontal plane but in opposite directions. The spool shall be complete with ring joint gaskets, studs & nuts, blind flange/bull plug (for side outlets). In this case a suitable double studded cross-over flange or cross-over spool i.e. 20.3/4" x 3M to 21.1/4" x 2M complete with all required studs, nuts,

			ring joint gaskets, etc. should also be provided for installation of 21.1/4" x 2M Drilling spool over the 20.3/4" x 3M Casing Head Housing.
6	<p>Part3, Section – II (SOW)</p> <p>7.0 SPECIFICATIONS OF DRILLING RIG:</p> <p>7.2 GROUP – II</p> <p>1) BOP STACK (As per API Spec 16A) AND WELL CONTROL EQUIPMENT (As per API Spec 16C):</p> <p>(A) BOP STACKS / SPOOLS:</p>	<p>Note: BOPs should be either new or overhauled & certified and tested by the manufacturer. The certificate should have validity period covering the primary duration of the contract and should not be older than 01 Year.</p>	<p>Note: BOPs should be either new or refurbished / re-certified as per OISD standards. The certificate should be valid throughout the contract period.</p>
7	<p>Part3, Section – II (SOW)</p> <p>7.0 SPECIFICATIONS OF DRILLING RIG:</p> <p>7.2 GROUP – II</p> <p>1) BOP STACK (As per API Spec 16A) AND WELL CONTROL EQUIPMENT (As per API Spec 16C):</p> <p>(B) CHOKE & KILL SYSTEM (As per API Spec. 16 C):</p>	<p>(iii) BOP side valves: One each gate valve and check valve on kill lines side, size 3.1/16" x 10,000 psi.</p>	<p>(iii) BOP side valves: One each gate valve and check valve on kill lines side, size 3.1/16" x 10,000 psi or 2.1/16" x 10,000 psi.</p>
8	<p>Part3, Section – II (SOW)</p> <p>7.0 SPECIFICATIONS OF DRILLING RIG:</p>	<p>(i) Two Nos. electric motor driven reciprocating / screw type air compressors each having a capacity of min. 120 CFM FAD at 125 psig working pressure, complete with all accessories.</p> <p>(ii) One number cold start compressor</p>	<p>(i) Two Nos. electric motor driven reciprocating / screw type air compressors each having a capacity of min. 90 CFM FAD at 125 psig working pressure, complete with all accessories.</p> <p>(ii) One number cold start compressor</p>

	<p>7.3 GROUP – III (MUD / AIR / WATER / FUEL SYSTEM):</p> <p>2) RIG AIR SYSTEM:</p>	<p>capacity minimum 90 CFM FAD at 150 psig rated working pressure, driven by diesel engine.</p>	<p>capacity 30-40 CFM FAD or above at 150 psig rated working pressure, driven by diesel engine.</p>
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2.0 All other terms and conditions of the Tender remain unchanged. Bidders are requested to submit their offer considering above amendments/notifications.

Oil India Limited
KG Basin Project