

**OIL INDIA LIMITED
KG BASIN PROJECT
KAKINADA**

**AMENDMENT No. 1 Dated 18.05.2021
To TENDER No. CEI6835P22**

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

Sl.	CLAUSE No.	ORIGINAL CLAUSE	AMENDED CLAUSE
1	Forwarding Letter, para 2.0, Table Sl. b	Bid Closing Date & Time	30.06.2021 at 11.00 Hrs. IST
2	Forwarding Letter, para 2.0, Table Sl. c	Bid(Technical) Opening Date & Time	30.06.2021 at 15.00 Hrs. IST
3	Forwarding Letter, para 2.0, Table Sl. j	120 days from date of issue of LOA/mobilisation notice	150 days from date of issue of LOA/Mobilisation notice, <i>whichever is later</i>
4	Part-2, BEC (A) 1.2	Rig Capacity: The horsepower rating of the Rig offered should be 1000 HP (minimum). Further, the Rig offered should be self-propelled/trailer-mounted, Mobile Diesel Electric or Mobile Diesel Mechanical having telescoping mast with sub-structure (as per API standard). The detail of the Rig is given in Scope of Work (SOW) of the Tender Document. Bidders must confirm compliance of the same.	Rig Capacity: The horsepower rating of the Rig offered should be 1000 HP (minimum). The detail of the Rig is given in Scope of Work (SOW) of the Tender Document. Bidders must confirm compliance of the same.
5	Part-2, BEC (A) 2.0, (b)	Drilling/workover services of at least 3 (three) nos. oil/gas wells, using 10M BOP stack, with Drilling Rig of minimum 750 HP capacity.	Drilling/workover services of at least 3 (three) nos. oil/gas wells, using minimum 10M BOP stack, with Drilling Rig of minimum 750 HP capacity.
6	Part3, Section-I, Clause 12.4.6	Beyond the Contract period, in case OIL is not entitled for input tax credit of GST, then any increase in the rate of GST beyond the Contractual delivery period shall be to Service provider's account whereas any decrease in the rate of GST shall be passed on to the OIL.	Beyond the Contract period, any variation (increase/decrease) in the rate of GST beyond the Contractual delivery period shall be to Company's account. In case the time is extended beyond stipulated contractual period due to reasons attributable to Contractor then any such increase in rate of GST shall be to the account of Contractor, however, for any decrease in GST rate, the Contractor shall pass on due credit to Company.
7	Part3, Section – II SOW 8.1 Rig Type	(a) 1000 HP (minimum) mobile self-Propelled/trailer mounted Diesel Electrical or Diesel Mechanical Drilling Rig. Must be in accordance with design specifications of API 4F, equipped with single drum draw-works or double drum draw-works with the provision for power system catering the full load	(a) 1000 HP (minimum) mobile self-Propelled/trailer mounted Diesel Electrical or Diesel Mechanical Drilling Rig. Must be in accordance with design specifications of API 4F/ 4E , equipped with single drum draw-works or double drum draw-works with the provision for power system catering the full load

		requirement and rotary table for Service of the wells of depth up to 3500 Meters with 4.1/2" OD Drill Pipes. The Rig shall be equipped with suitable racking arrangements and complete tackling system to handle required load.	requirement and rotary table for Service of the wells of depth up to 3500 Meters with 4.1/2" OD Drill Pipes. The Rig shall be equipped with suitable racking arrangements and complete tackling system to handle required load. In case the offered rig is in accordance with design specifications of API 4E, the same shall be refurbished in the last 15 years as per API recommended Practise 4G and inspected by authorized third party agency to be as per API 4F requirements. Bidder to submit supporting documents along with the technical bid.
8	Part3, Section – II SOW 8.1 Rig Type	b) The dimensions should be limited to: Overall width: Not more than 3.2 meters Overall Height: Not more than 5.00 meters from ground Length-Carrier: Maximum 20.00 meters (Without mast) Length-Overall: Maximum 22.50 meters (With mast) Rear Overhang: 29% of wheelbase Ground clearance: 35.00 cm.	b) The dimensions should be limited to: Overall width: Not more than 3.2 meters Overall Height: Not more than 5.00 meters from ground Length-Carrier: Maximum 20.00 meters (Without mast) Length-Overall: Maximum 24.00 meters (With mast) Rear Overhang: Approximately 29% of wheelbase Ground clearance: Approximately 35.00 cm.
9	Part3, Section – II SOW 8.2 Mast (WITH API 4F MONOGRAM)	a) One (1) no. two section telescoping mast (as per API spec. 4F), with hydraulic mast tilting & extending systems and automatic locking device to lock the mast into its fully extended operating position. The mast should have a clear height of 118-130 ft. Rated static hook load capacity should be minimum 5,50,000 lbs as per API 4F specifications with 10 lines strung. (b) Mast should have crown block as per API specifications with minimum load capacity of 250 Metric Tons. (c) Mast shall have a racking capacity of not less than 4000 meters of 4.1/2" OD x 16.6 ppf (Grade-G), range – 2 drill pipes in doubles including BHA (Bottom Hole Assembly).	a) One (1) no. two section telescoping mast (as per API spec. 4F/4E), with hydraulic mast tilting & extending systems and automatic locking device to lock the mast into its fully extended operating position. The mast should have a clear height of minimum 103 feet . Rated static hook load capacity should be minimum 5,00,000 lbs as per API 4F specifications with 10 lines strung. (b) Mast should have crown block as per API specifications with minimum load capacity of 250 Tons. (c) Mast shall have a racking capacity of not less than 3659 meters of 4.1/2" OD x 16.6 ppf (Grade-G), range – 2 drill pipes in doubles including BHA (Bottom Hole Assembly).
10	Part3, Section – II SOW 8.3	(a) Sub-structure shall have minimum capacity of 550 kips of rotary load and an area capacity to accommodate setback of 4000m of 4.1/2" OD x 16.6	(a) Sub-structure shall have minimum capacity of 500 kips of rotary load and an area capacity to accommodate setback of 3659 meters of 4.1/2" OD x

	Sub-structure (WITH API 4F MONOGRAM)	ppf (Grade-G), range – 2 drill pipes in doubles including BHA. (c) The sub -structure should be complete with suitable capacity deadline anchor designed as per API Spec. 8C.	16.6 ppf (Grade-G), range – 2 drill pipes in doubles including BHA. (c) The sub -structure should be complete with suitable capacity deadline anchor designed as per API Spec. 8C. Rig designed with deadline anchor (as per API Spec. 8C) on the carrier bed will also be acceptable.
11	Part3, Section – II SOW 8.5 Hoisting	(a) 550 kips minimum Hoisting Capacity for the 250 Metric Tons mast, blocks, swivel etc.	(a) 500 kips minimum Hoisting Capacity for the 250 Tons mast, blocks, swivel etc.
12	Part3, Section – II SOW 8.6 Mud Pumps	(a) Two numbers of Triplex, single acting mud pumps (minimum 760 HHP), each capable to pump 260 gal/min at 5000psi, driven by suitably rated independent drive diesel engines/electrical motors with single skid, having spark arrestors and remote shut-off (from driller console), complete with cooling system are to be equipped with following:	(a) Two numbers of Triplex, single acting mud pumps (minimum 760 HHP), each capable to pump 260 gal/min at 5000psi, driven by suitably rated independent drive diesel engines/electrical motors with single or separate skid, having spark arrestors and remote shut-off (from driller console), complete with cooling system are to be equipped with following:
13	Part3, Section – II SOW 8.14 Mud Tanks and Circulating System	(d) Desander (hydro cyclone type – min 2 cones), capacity 1000 GPM, complete with 75-100 Hp flame proof motor driven centrifugal pump. (e) Desilter (hydro cyclone type – 15 to 20 cones), capacity 600 - 800 GPM, complete with 75-100 HP flame proof motor driven centrifugal pump. (f) Vacuum type degasser with minimum 1000 GPM capacity. Must comply with AEUB IRP 1. (h) Tanks should utilize a tarp or canopy system. (i) Shale sloop of each shale shaker.	(d) Desander (hydro cyclone type – min 2 cones), minimum capacity 800 GPM , complete with 75-100 Hp flame proof motor driven centrifugal pump. (e) Desilter (hydro cyclone type – 15 to 20 cones), capacity 600 - 800 GPM, complete with 75-100 HP flame proof motor driven centrifugal pump. Special Note with respect to (d) and (e) above: Mud cleaners meeting the specified requirements will also be acceptable. (f) Vacuum type degasser with minimum 1000 GPM capacity. Must comply with AEUB IRP 1. (h) Deleted. (i) Shale sloop of each shale shaker or combined cutting chute for the shale shakers.
14	Part3, Section – II SOW 8.16	(c) 250 Metric Tons minimum rating for Drill Pipe/HWDP Elevators, elevator links, pneumatic slips, manual slips, safety clamps.	(c) 250 Tons minimum rating for Drill Pipe/HWDP Elevators, elevator links, pneumatic slips, manual slips, safety clamps. Extra / Additional manual slips

	Handling Tools	<p>(d) 100/150 Metric Tons rating for Drill Collar and Tubing Elevators.</p> <p>(h) Stabbing guides.</p>	<p>can be offered in lieu of pneumatic slips.</p> <p>(d) 100/150 Tons rating for Drill Collar and Tubing Elevators. Lifting Subs can be offered in lieu of Drill Collar Elevators.</p> <p>(h) Deleted.</p>
15	Part3, Section – II SOW 8.17 Additional Equipment:		<p><u>Additional Item added below serial number (p):</u></p> <p>(q) Hydraulic Casing Cutter for 7" casing (29 ppf), 9.5/8" casing (47 ppf) and 13.3/8" (68 ppf) casing with requisite crossovers and top subs.</p>
16	Part3, Section – II SOW 8.18 Drill Collars:	<p>The minimum amount of inspected drill collars that must be available on location at all times:</p> <p>(a) 12 joints of 6.1/4" or 6.1/2" spiral drill collar(s) with API connection.</p> <p>(b) 12 joints of 4.3/4" spiral drill collar(s) with API connection.</p>	<p>The minimum amount of inspected drill collars that must be available on location at all times:</p> <p>(a) 12 joints of 6.1/4" or 6.1/2" spiral drill collar(s) with API connection.</p> <p>(b) 12 joints of 4.3/4" spiral drill collar(s) with API connection.</p> <p>(c) 06 joints of 7.3/4" or 8" spiral drill collar(s) with API connection.</p>
17	Part3, Section – II SOW 8.19 Heavy Weight Drill Pipe	<p>(a) Minimum 18 joints x 4.1/2" OD inspected as per DS-1 Category 3 service & complying to IRP1, API RP7G & API Bull5C3, Heavy Weight drill pipe on location. Range 2 (27-30ft).</p> <p>(b) Minimum 18 joints x 3.1/2" OD inspected as per DS-1 Category 3 service & complying to IRP1, API RP7G & API Bull5C3, Heavy Weight drill pipe on location. Range 2 (27-30ft).</p>	<p>(a) Minimum 18 joints x 4.1/2" OD inspected as per DS-1 Category 3 service & complying to IRP1, API RP7G & API Bull5C3, Heavy Weight drill pipe on location. Range 2 (27-30ft).</p> <p>(b) Minimum 18 joints x 3.1/2" OD inspected as per DS-1 Category 3 service & complying to IRP1, API RP7G & API Bull5C3, Heavy Weight drill pipe on location. Range 2 (27-30ft).</p>
18	Part3, Section – II SOW 8.20 Drill Pipe	New or premium class drill pipe inspected as per DS-1 Category 5 service & complying to IRP1, API RP7G & API Bull5C3. The minimum amount of inspected drill pipes that must be available on location at all times:	New or premium class drill pipe inspected as per DS-1 Category 5 service & complying to IRP1 , API RP7G & API Bull5C3. The minimum amount of inspected drill pipes that must be available on location at all times:
19	Part3, Section – II SOW 8.22 Air / Hydraulic Winches	<p>(a) Rig floor winch</p> <p>(b) Monkey board winch</p> <p>(c) Man-riding winch</p> <p>(d) Utility winch</p>	<p>(a) Rig floor winch</p> <p>(b) Monkey board winch</p> <p>(c) Man-riding winch</p> <p>(d) Deleted</p>

		(e) Hydraulic Winch	(e) Hydraulic Winch
20	Part3, Section – II SOW 8.23 BOP, Accumulator, Choke & Kill manifold	(n) Maintenance as per API/OISD: (i) BOP systems must be shop serviced and overhauled every five years. (Every five years with Service Certification by OEM or OEM Certified and API SPEC 16A certified shop).	(n) Maintenance as per API/OISD: (i) BOP systems must be shop serviced, overhauled and re-certified every five years as per latest API 16A / API 16AR. (Every five years with Service Certification by OEM or OEM Certified and API SPEC 16A / 16AR certified shop).
21	Part3, Section – II SOW 10.3 VINTAGE OF TOOLS / EQUIPMENT:	(a) The age of the Surface tools and other equipment supplied by the Contractor shall not be of more than ten (10) years old as on Technical bid closing date counted from the date of its manufacturing. The Contractor must furnish OEM's certificates/documents in this regard before mobilization.	(a) The age of the Surface tools and other equipment supplied by the Contractor shall not be of more than fifteen (15) years old as on Technical bid closing date counted from the date of its manufacturing. The Contractor must furnish OEM's certificates/documents in this regard before mobilization.
22	Part3, Section – II SOW 11.4 DRILLING FLUID MATERIAL AND ADDITIVE SUPPLY:	(d) The chemicals shall be in original packing of the manufacturer. The packing of the chemicals shall be sea worthy, in bags of 25 Kgs/50 Kgs and in drums of not more than 208 Liters capacity which shall withstand the rigorous handling during transportation. Chemicals susceptible to moisture shall be packed in moisture proof multiwalled paper bags with polythene lining. Each pallet shall have clearly legible identification marks including the name of the chemical, name and address of the manufacturer and date of manufacturing. All chemicals/drums shall be delivered to site with safe and smooth transportation.	(d) The chemicals shall be in original packing of the manufacturer. The packing of the chemicals shall be sea worthy, in bags of 25 Kgs/50 Kgs and in drums of not more than 208 Liters capacity which shall withstand the rigorous handling during transportation. Chemicals susceptible to moisture shall be packed in moisture proof multiwalled paper bags with polythene lining. Each pallet/ bag shall have clearly legible identification marks including the name of the chemical, name and address of the manufacturer and date of manufacturing. All chemicals/drums shall be delivered to site with safe and smooth transportation.
23	Part3, Section – II SOW 11.5 SAFETY AND ENVIRONMENT:	(b) The hazardous waste generated from well abandonment job pertaining to Mud and mud chemicals is the responsibility of Contractor for disposal. Contractor to maintain a logbook wherein waste generated for the mud systems is recorded.	(b) The hazardous waste generated from well abandonment job pertaining to Mud and mud chemicals is the responsibility of Operator / Client for disposal. Contractor to maintain a logbook wherein waste generated for the mud systems is recorded.
24	Part3, Section – II SOW 11.8 MUD LABORATORY EQUIPMENT ON RIG:	Hydrometers (complete set) Quantity - 1	Item Deleted
25	Part3, Section – II SOW 12.4 VINTAGE OF	The age of the equipment supplied by the Bidder shall not be of more than 10 (ten) years old as on Technical bid closing date counted from the date of its manufacturing. The Bidder must furnish	The age of the equipment supplied by the Bidder shall not be of more than 15 (fifteen) years old as on Technical bid closing date counted from the date of its manufacturing. The Bidder must furnish

	EQUIPMENT:	certificates/documents in this regard in support, along with the technical bid or before mobilization.	certificates/documents in this regard in support, along with the technical bid or before mobilization.
26	Part3, Section – II SOW 15.3 PERSONNEL REQUIREMENTS	(iii) Qualification: Must be Engineering Graduate or engineering diploma holder.	(iii) Qualification: Must be Engineering Graduate or engineering diploma holder or should have a total of 20 Years' work experience in drilling oil/gas wells.
27	Part3, Section – II SOW 15.3 (r) Note No: 11	Company reserves the right to instruct for removal of any Contractor's personnel who in the opinion of Company is technically not competent or not rendering the services faithfully, or due to other reasons. The replacement of such personnel will also be fully at cost of the Contractor and the Contractor shall have to replace this/these personnel within Seven (7) days of such instruction. The replacement personnel must have the requisite qualification and experience as indicated in the contract and their credentials along with recent photographs must be submitted to Company for approval prior to their engagement.	Company reserves the right to instruct for removal of any Contractor's personnel who in the opinion of Company is technically not competent or not rendering the services faithfully, or due to other reasons. The replacement of such personnel will also be fully at cost of the Contractor and the Contractor shall have to replace this/these personnel within Fifteen (15) days of such instruction. The replacement personnel must have the requisite qualification and experience as indicated in the contract and their credentials along with recent photographs must be submitted to Company for approval prior to their engagement.
28	Part3, Section – III SCC 5.5	The Contractor shall provide all fuels (inclusive of HSD) and lubricants for operation of Contractor's equipment both at well site and camp site at Contractor's cost. There shall be no escalation in day rates throughout the duration of contract including extension, on account of any price increase in fuel/lubricants etc. A minimum HSD stock of 10KL, at rig site, must be maintained by the Contractor at any time. In this regard, the Contractor will have to submit day wise HSD stock and consumption statement indicating the daily consumption of the HSD for DRILLING Rig unit and all its equipment including mud treatment at the site in the DPR/IADC report.	The Contractor shall provide all fuels (inclusive of HSD) and lubricants for operation of Contractor's equipment both at well site and camp site at Contractor's cost. There shall be no escalation in day rates throughout the duration of contract including extension, on account of any price increase in fuel/lubricants etc. A minimum HSD stock of 10KL at rig site must be maintained by the Contractor at any time. However, variation in the price of HSD both plus and minus after the technical bid opening date shall be applicable with effect from the date on which such variation takes place and such variation in price both plus and minus shall be adjusted from the monthly invoices. For the purpose of claiming the variation in rate of HSD, Contractor shall submit the necessary documents like invoice copy. Further the Contractor has to indicate the daily consumption of the HSD. Further, the Contractor has to submit day wise HSD stock and consumption statement

			<p>indicating the daily consumption of the HSD for DRILLING Rig package and all its equipment integrated with the drilling rig package including mud treatment at the site in the DPR/IADC report. The HSD price prevailing in Kakinada on the techno-commercial bid opening date shall be taken as base price.</p> <p>Note: (a) Bidder to provide measuring facility in each engine to monitor the daily consumption of fuel. (b) Opening & closing stock to be provided to Company Representative once in a week for ascertaining the consumption of fuels.</p>
29	<p>Part3, Section – III SCC</p> <p>20.0 INTER-LOCATION RIG MOVE STANDARD:</p>	<p>20.1 Time allowed for rig package movement for a distance of 50 (fifty) KMs. will be 20 (twenty) days. For more Kilometrage, the time allowed shall be in proportions of one (1) day for each 30 KM or part thereof.</p> <p>20.5 The ILM charge shall be discounted by 5% for each day's delay beyond the standard, as stipulated in 20.1, 20.2 and 20.3; of total cost for inter-location movement rate payable for that particular rig movement, when the rig move is delayed beyond the standard.</p>	<p>20.1 Time allowed for rig package movement for a distance of 50 (fifty) KMs. will be 25 (twenty-five) days. For more Kilometrage, the time allowed shall be in proportions of one (1) day for each 30 KM or part thereof.</p> <p>20.5 The ILM charge shall be discounted by 1% for each day's delay beyond the standard, as stipulated in 20.1, 20.2 and 20.3; of total cost for inter-location movement rate payable for that particular rig movement, when the rig move is delayed beyond the standard.</p>
30	Part3, Section-IV		<p><u>Added New clause 16.0</u></p> <p>16.0 ZERO RATES Notwithstanding any provision in this Contract, no charges shall be payable for the period, the job or activity assigned to the Contractor is halted due to break-down of Contractor's tools/equipment, non-availability of key personnel or for any other reason whatsoever attributable to the Contractor.</p>
31	Part3, Proforma-G		<p><u>Following sentence added below Sl.2 (i):</u></p> <p>In case of contradiction between GCC/ SCC/TOR/SOR, the terms and conditions mentioned in TOR will prevail followed by SOR, SCC and GCC - in that order.</p>

1.1 Annexure-I and Attachment-I are revised to cover the reply to bidders' queries and same attached herewith.

2.0 Minutes of Prebid Meeting and Reply to queries of bidders are uploaded in e-portal separately.

3.0 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

ANNEXURE-I

**SCHEDULE OF RESPONSIBILITIES FOR
EQUIPMENT, MATERIALS, SUPPLIES AND SERVICES**

(1000 HP (min) Drilling Rig for KG Basin, OIL).

‘C’ – Contractor

‘O’ – OIL/Company

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
A. GENERAL-I					
1	All charges relative to acquisition, shipping and transportation of all Contractor's Items required as replacements or spare parts,	X		X	
2	Contractor's personnel including replacement, subsistence, insurance, wages, benefits, and all other costs related thereto.	X		X	
3	Extra personnel in excess of the complement of personnel set forth in Section II – Contractor’s Personnel deputed by Contractor itself.	X		X	
4	Extra personnel in excess of the complement of personnel set forth in Section II – Contractor’s Personnel - when requested in writing by Company.		X	X	
5	Overtime beyond normal work schedule for Contractor's personnel when requested in writing by Company.	X		X	
6	Required licenses, permits, certificates of financial responsibility and clearances to enter and depart from drilling location	X		X	
7	Transportation for Contractor's Items and its subcontractor's item and personnel.	X		X	
8	Duties, fees, licenses, pilotage fees, wharfage fees, harbor fees and costs or similar charges including any sales taxes or clearing agent or brokerage fees relating to Contractor's Items and replacements or spare parts.	X		X	
9	Insurance as provided in the Contract.	X		X	
10	Passports and visas for Contractor's Personnel	X		X	
11	Work permits for Contractor's Personnel.	X		X	
12	Labour license and all regulatory requirements as per DGMS, Labour Law for Contractor’s personnel.	X		X	
13	Obtain and maintain all necessary consents, permits, licenses and certificates required for movement and use of Contractor’s Equipment to/from Site including diesel storage	X		X	
14	Corporate registration, documentation and fees for Contractor in India required solely for the performance of this Contract	X		X	
15	Clearance of Contractor’s Equipment through Indian Customs (EC to be provided by Company)	X		X	
B. GENERAL-II					
1	Base / Well site camp complete in all respect i.e. furniture fixture etc.	X		X	
2	Accommodation and food for all of Contractor's and its	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
	contractor's and subcontractor's personnel and up to 10 Company and Company's third-party personnel per day.				
3	Accommodation and food for Company's personnel and Company's third-party personnel in excess of 10 per day.		X	X	
4	Potable water for rig and camp – only for drinking, bathing and cooking purposes	X		X	
5	Load and offload Company's and Company's sub-contractor equipment and materials at rig site and camp	X		X	
6	Load and offload and transportation of Company's /Company's sub-contractors equipment and materials during inter-location moves to a maximum of 10 loads	X		X	
7	Supply of additional labour for cleaning pits, cuttings and other related work (excluding drill waste pit)	X		X	
8	All safety equipment and gears as per Contract	X		X	
9	Necessary IT equipment.	X		X	
10	Electrical and air supply to Company and Company's sub-contractor's Equipment	X		X	
11	All housekeeping services and supplies	X		X	
12	First aid medical attention by a qualified medic on the Drilling Unit for all personnel on board	X		X	
13	Emergency medical treatment for Contractor's, Company's and Company's sub-contractor's Personnel	X		X	
14	Ambulance with all necessary medical facilities	X		X	
15	Mobile V-sat 3G/4G communication system capable of transmitting online data (for all subcontractors of Company).				
16	Security arrangement / facility at rig and campsite.	X		X	
17	Welding for Company's sub-contractors work within a reasonable request	X		X	
18	Welding for Company's sub-contractors work beyond a reasonable request that will be mutually agreed between the both the Parties.		X	X	
C. RIG & EQUIPMENT-I					
1	Complete Rig Unit with hoisting, rotating, safety & maintenance equipment according to international practice.	X		X	
2	Top Drive System with all accessories				
3	BOPs, Spools, its attachments & spares	X		X	
4	BOP testing equipment and accessories	X		X	
5	Choke & kill unit & connections	X		X	
6	Kill pump, tank, lines and attachments	X		X	
7	Vacuum Degasser	X		X	
8	BOP Control Unit and accessories	X		X	
9	Well control accessories	X		X	
10	Drill pipe, drill collar, HWDP including all required non consumable tubular.	X		X	
11	Lifting subs	X		X	
12	All sizes & capacity of elevators, slips, tongs, clamps, (manual & hydraulic) for handling drilling string	X		X	
13	All sizes & capacity of elevators, slips, tongs, safety clamps, (manual & hydraulic) for handling tubing string	X		X	
14	Kelly (s)	X		X	
15	Rotary substitute of all sizes	X		X	
16	All Fishing tools & their spares for contractor's string/tools	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
17	Pneumatic Kelly spinner	X		X	
18	Drill pipe/tubing spinner	X		X	
19	Elevator links	X		X	
25	Bit breaker, thread protector, nozzle gauge, & bit gauge	X		X	
26	Air winch (s)	X		X	
27	Fishing tools required for other than Contractor's string	X		X	
28	RCJB, Junk subs, fishing magnets, ditch magnets, impression blocks, junk mills, overshots etc.	X		X	
29	All sizes of casing scrapper & rotovert as per casing programme	X		X	
30	Circulating heads	X		X	
31	Poor boy swivel	X		X	
32	Mud basket	X		X	
33	Back pressure valves of required rating	X		X	
34	Risers	X		X	
35	Rig warehouse & workshops	X		X	
36	Complete set of tools & wrenches	X		X	
37	Flow /bell nipple & flow branch/flow line	X		X	
38	water pump, suitable capacity	X		X	
39	All kind of mud agitators	X		X	
41	MVT & flow fill indicator	X		X	
42	Cabin for mud attendant.	X		X	
43	Emergency electricity generator at well site & camp	X		X	
44	Store house	X		X	
45	All drilling/rig instruments & recorders	X		X	
46	All bunk houses at well site & camp with all items mentioned in this tender.	X		X	
47	Firefighting & safety equipment	X		X	
48	Shut in valves	X		X	
49	Welding set up for all contractor's work	X		X	
50	Cellar Pump	X		X	
51	Rig compressor (including auxiliary)	X		X	
52	Mud making/loading facilities at drill site complete with reciprocating pumps, prime movers, hoppers, tankages, jet shearing devices etc.	X		X	
53	Mud/brine & water system inclusive of active intermediate & storage tanks	X		X	
55	Equipment required for generating electricity at the site, camp	X		X	
56	Rig lighting	X		X	
57	Lines / Chiksans / Fittings	X		X	
58	Cranes, trailers and forklifts etc. as per tender	X		X	
59	Any additional crane, trailers & forklift required to carry out normal drilling operations & during rig move, rig up & rig down.	X		X	
60	Required wire lines & ropes	X		X	
61	All firefighting and safety equipment	X		X	
62	Full opening stabbing valves (FOSV) of required rating	X		X	
63	Office for Company's personnel at well site complete in all respect	X		X	
64	Permanent provision of drinking water at well site & camp	X		X	
65	Rig washer	X		X	
66	Bug Blower	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
67	Air pump	X		X	
68	Kelly cocks, upper & lower (of required rating)	X		X	
69	Float subs for each size of drill collar	X		X	
70	Float valves	X		X	
71	Inside BOP for each size of drill pipe	X		X	
72	Equipment not specified but required for Contractor's/company's normal operations	X		X	
73	Equipment not specified but required for Company's additional requirements		X	X	
74	Cup testers	X		X	
D. RIG & EQUIPMENT-II					
1	Inspection of Contractor's drill pipe, drill collars, HW Drill Pipe and other in-hole equipment according to DS-1 Category 3 standards before operations commence under this Contract.	X		X	
2	Inspection of Contractor's drill pipe, drill collars, HW Drill Pipe and other in-hole equipment according to DS-1 Category 3 standards after operations commence under this Contract at reasonable intervals requested by Company.	X		X	
3	Repair and/or replacement parts for Contractor furnished equipment & tools.	X		X	
4	Drill string and handling equipment inspection before commence date.	X		X	
5	Replacement of elements for Contractor's ram and annular preventers	X		X	
7	Electrical and air supply to Company and Company's sub-contractor's Equipment	X		X	
8	Waste storage, removal and disposal (excluding mud/well-fluid and drill cuttings) at drill site and camp	X		X	
9	Effluent disposal generated by contractor's equipment	X		X	
E. CONSUMABLES					
1	Oil, greases, lube, cleaning solvent, hydraulic fluid and accumulator charging gases for Contractor's equipment	X		X	
2	Drill water (as required by Company's Mud and Cementing Engineers) for drilling, mud/brine preparation, rig cleaning & cementing including laying of lines etc.	X		X	
3	Drill pipe protectors (one per joint inside casing) on Contractor's drill pipe. All additional rubbers or replacement rubbers.				
4	Casing protectors for as per casing programme.				
5	Kelly saver-sub rubbers and replacements for kellys furnished by Contractor.	X		X	
6	Drill pipe wipers				
7	Screens for shale shakers.				
8	Air, water, electricity, fuel (HSD) and other POL for the rig site and camp including laying of lines etc for all the Contractor's equipment including Contractor's vehicles	X		X	
9	Casing thread lubricant				
10	Thread lubricant for all service tubulars.	X		X	
11	All rope, hand tools and general rig consumables	X		X	
12	Welding consumables	X		X	
13	All BOP consumables including ring joint gaskets	X		X	
14	Consumables not described but needed for normal drilling	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
	operations and maintenance of Contractor's Equipment				
15	Spares for Rig unit & accessories.	X		X	
16	Regular replacement of consumables of Contractor's equipment.	X		X	
17	Fishing equipment, spares as per the contract	X		X	
18	Replacement of electrical fittings as & when necessary.	X		X	
19	Spares & consumables for communication equipment	X		X	
20	Replacement, spares & consumables for fire-fighting equipment	X		X	
21	Replacement, spares and consumables for solid control equipment	X		X	
22	Maintaining adequate stock of consumables.	X		X	
23	Consumables/replacement for IT equipment.	X		X	
24	Replacement of tool equipment services as & when necessary	X		X	
25	First-aid & medicine	X		X	
26	Food	X		X	
27	Materials required for up-keepment of health and hygiene	X		X	
28	Materials required for control of pollution.	X		X	
29	Consumables not indicated but required by Contractor in normal operation or needed for the maintenance of Contractor's equipment.	X		X	
F. OTHER SERVICES & PERSONNEL					
1	Site preparation		X		X
2	Furnish adequate roadway to location and the right of way		X		X
3	Mud Engineering Services including supply of complete line of chemicals.	X		X	
4	Drilling Waste Management Services including solids control, drill cutting drier and dewatering system				
5	Directional Drilling Services with MWD/LWD and accessories				
6	Cementing Services including supply of cement & complete line of chemicals/ additives.	X		X	
7	Bulk Handling Plant	X		X	
8	Coring Services including supply of core barrels. Core heads with all accessories and handling tools.				
9	Mud Logging Services				
10	Casing & Tubing Running in with torque turn Services				
11	Wireline Logging & TCP Services.				
12	Liner Hanger Services including supply of handling/ setting tools and liner hanger accessories				
13	Cased hole DST Services				
14	Cold Casing Cutting Services				
15	Procurement and supply of BITS		X		X
16	Procurement and supply of casings, liners and tubing				
17	Procurement and supply of well heads				
18	Casing handling, servicing, drifting, measuring, thread cleaning and centralizer installation on the Drilling Unit				
19	Handling (loading & unloading) and storage of Company's, contractor's & subcontractor's materials at drill site.	X		X	

Sl. No.	ITEM	At Expense of		Supplied by	
		C	O	C	O
20	Transportation of entire Rig unit with accessories between locations (inter-location move)	X		X	
21	Inter-location movement of company's equipment attached with the rig.	X		X	
22	Transportation of contractor personnel. All transportation of Contractor's expatriate / National personnel between point of hire and place of residence in country of operation or other agreed point.	X		X	
22 A	Land, Air, Rail transportation of Contractor's local and expatriate personnel to Drilling rig.	X		X	
22B	Automobile transportation for Contractor's personnel at base / camp as deemed necessary	X		X	
23	Collection of bits, light consumables and transportation of same including handling to well site.	X		X	
24	Communication service	X		X	
25	Medical facilities at well site	X		X	
26	Well head installation (BOP, Production & other equipment)	X		X	
27	Handling of all Company equipment at the drilling locations	X		X	
28	BOP testing services	X		X	
29	Maintenance of contractor's equipment.	X		X	
30	Well killing services	X		X	
31	Services required for deletion of faulty equipment	X		X	
32	Drilling Effluent water disposal services		X		X
33	Camp Sewage & waste disposal services	X		X	
34	Computation and record keeping services	X		X	
35	Degassing, Desanding services	X		X	
36	Catering services	X		X	
37	Medical Services	X		X	
38	Ambulance services	X		X	
39	Firefighting services	X		X	
40	Services of Personnel	X		X	
41	Services not hereto fore designated but required by Contractor in normal operations or needed to maintain & operate contractor's equipment.	X		X	
42	Services not indicated but required due to directions of the Company		X	X	
43	Any services not designated and have any disputes – to be mutually agreed between both the Parties	X		X	

Name of the authorised signatory: -----

Designation: -----

Name of the bidder/firm/service provider: -----

BEC (TECHNICAL) COMPLIANCE MATRIX

Tender No. CEI6835P22	
Name & complete Address of Bidder:	Name & complete Address of Technical Collaborator / Joint Venture Partner (as applicable)
Phone No.:	Phone No.:
Fax No.:	Fax No.:
E-Mail:	E-Mail:
Legal Constitution & Date of Incorporation / Commencement of Business:	Legal Constitution & Date of Incorporation / Commencement of Business:

Bidder to indicate the following brief details regarding the Rig(s) quoted as under:

Brief Details Sought	To Be indicated by Bidder
No. of options quoted	
Whether rigs are owned /proposed purchase or Leased basis (to be given for each options of rigs quoted)	
Year of Manufacturer (to be given for each options of rigs quoted)	
Present location of Rig (to be given for each options of rigs quoted)	

TECHNICAL			
BEC Cl. No.	Clause	Bidder to indicate CONFIRMED / NOT CONFIRMED in Indelible Ink, against each Clause / Sub-Clause	Bidder to indicate the relevant Page No. of their Bid (for supporting Document, etc.), corresponding to each clause.
I	BID EVALUATION CRITERIA (BEC): The bid shall conform generally to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will		

	be considered as non-responsive and rejected.		
A	TECHNICAL: The bidder must meet the following criteria failing which offer shall be rejected: -		
1.0	DRILLING RIG:		
1.1	The Bidder shall be in possession of the Rig offered as per Terms of Reference/Technical Specification either owned or leased. In case the Bidder is not in possession of the Rig at the time of submission of bid, they may offer a Rig for which they have an agreement for lease /buy.		
1.1.1	<u>Identification of rig:</u>		
(a)	All the Bidders are required to identify the Rig at the time of submission of bid with documentary proof thereof, confirming availability of the Rig for this contract.		
(b)	In case owner of the Rig himself is the Bidder, owner himself shall furnish the certificate confirming availability of the Rig for this contract.		
(c)	In case of leased Rig / proposed purchase of Rig, the Bidders who do not own the Rig at the time of submission of bid, are required to submit along with un-priced bid, i.e. Technical bid, the original Memorandum of Understanding / Agreement of lease / purchase of Rig, concluded with the owner of the Rig, especially for this tender, with documentary proof of ownership of the Rig in the form of registration certificate of the Rig. The above MOU / Agreement must be valid throughout validity of the Bid. In case of leased Rig, the successful Bidder shall be required to keep the MOU / Agreement valid for the period of contract and any extension thereof.		
(d)	The MOU/Agreement must be on a non-judicial stamp paper.		
(e)	Bidder may identify more than one rig against tender requirement, giving complete technical details for evaluation along with copy of MOU/ Agreement for this Tender. Bidders will have to mobilize the rig out of these identified rigs, which are found acceptable to the Company.		
(f)	Bidder would not be allowed to substitute the Rig once offered by them in their Bid during the period of bid validity.		

(g)	Offers with identified Rigs but with the condition “subject to availability” may be considered for techno-commercial evaluation. The Bidders, however, shall have to confirm the availability of the rig one day prior to price bid opening. The date of price bid opening will be intimated to the Bidder subsequently. Bidders, who fail to confirm availability of the Rig, will not be considered for price bid opening and would not be considered for award of Contract also.		
1.2	Rig Capacity: The horsepower rating of the Rig offered should be 1000 HP (minimum). The detail of the Rig is given in Scope of Work (SOW) of the Tender Document. Bidders must confirm compliance of the same.		
1.3	Residual Life: The Drilling Unit offered shall have a residual life of minimum 2(two) years as on the Bid Closing Date (BCD) of the Tender. The Bidder’s declaration on the present condition of the offered drilling unit and its residual life along with a certificate issued by an internationally reputed inspection and certification agency listed in Para 1.4.2 below to this effect shall be submitted along with the Technical Bid. The certificate shall clearly indicate the residual life broadly of the mast & sub-structure, choke and kill manifold, all engines, draw-works, rotating system, hoisting system, mud pumps, tackle system, BOPs, service engine and pump, control of PCRs (viz. SCR/VFD house, MCC etc.), drilling alternators, drilling and auxiliary motors, cable system etc. and as a whole. In case offer is made for a brand-new Rig the certificate for residual life is not necessary.		
1.4	Inspection of Rig package:		
1.4.1	The Company reserves the right to inspect the complete Rig Package either prior to mobilization or issuance of LOA or during evaluation stage itself to assess the suitability. The Bidders have to give consent on the same.		
1.4.2	The Bidder should agree or confirm in respect of submitting a certificate in original prior to mobilization from any one of the following 3rd party inspection agencies and any expenditure in this regard		

	<p>shall be borne by the Bidder.</p> <p>(a) DNV (b) BV (c) Lloyds Register Drilling Integrity Services (LRDIS). (d) Oil Field Audit & Service Inc. (e) OES Equipment LLC, India</p>		
	<p>NOTE: The certificate should clearly indicate and confirm without any ambiguity the following:</p> <p>(i) Name and address of the owner of the Rig after due verification of documents.</p> <p>(ii) Confirmation that the Rig meets the technical specification as laid down in the Tender Document.</p> <p>(iii) Make, Model, Capacity / Rating, Year of Manufacture etc. as inspected for each critical / major components of Rig along with duly filled-in all necessary Proforma, Annexures etc. enclosed in the Tender Document.</p> <p>(iv) In case of new Rig, the Bidder should submit a certificate in original from the manufacturer along with the Technical Bid. The certificate from manufacturer should also clearly indicate the committed date of readiness of the Rig for shipment.</p>		
1.5	<p>The offered Rig Package should be capable of fulfilling "Scope of Work" and conforming to the technical specification as laid down in the Bid Document. The offered Rig must be suitable for cluster location (1 + 1 Wells). Spacing between wells at surface on cluster well plinth is 10m (approx). Bidders must confirm compliance of the same.</p>		
1.6	<p>Mobilization: Offers indicating mobilization time more than 150 (One hundred fifty) days from the date of issuance of LOA will be summarily rejected. However, Bidders are advised to indicate their best possible mobilization period (less than 150 days) in their Bids.</p>		
2.0	<p>EXPERIENCE:</p> <p>The Bidder must have the following</p>		

	experience during the last seven (07) years reckoned from the original Bid Closing Date (BCD) of this tender:		
(a)	Minimum one (1) year continuous experience of providing drilling /workover services with minimum 750 HP capacity Mobile Drilling Rig on charter hire basis.		
(b)	Drilling/workover services of at least 3 (three) nos. oil/gas wells, using minimum 10M BOP stack, with Drilling Rig of minimum 750 HP capacity.		
2.1	Indian Company/Indian Joint Venture Company as bidder: In case the bidder is an Indian Company/Indian Joint Venture Company, either the Indian Company/Indian Joint Venture Company or its Technical Collaborator/Joint venture partner must meet the criteria under clause 2.0 above.		
(a)	Details of experience and past performance of the bidder or the collaborator (in case of collaboration) or of joint venture partner (in case of a joint venture), on works/jobs done of similar nature in the past are to be submitted along with the Technical Bid, in support of the experience criteria laid down above (Similar nature means providing the Drilling Rig Package Services with crew).		
(b)	MOU/ Agreement concluded by the bidder with technical collaborator / joint venture partner (in case of Joint Venture), must also be addressed to the Company, clearly stating that the MOU /Agreement is applicable to this tender and shall be binding on them for the entire contract period. Notwithstanding the MOU / Agreement, the responsibility of completion of job under this contract will be with the bidder.		
(c)	The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper.		
2.2	In case the Bidder is a Consortium of Companies, the following requirements must be satisfied by the Bidder:		
(a)	The leader of the consortium can submit bid on behalf of consortium of bidders. Memorandum of Understanding (MOU) between the consortium members duly executed by the CEOs or authorized representative of the consortium members,		

	addressed to OIL, must accompany the bid which should clearly define role/scope of work of each partner/member and should clearly define the leader of the consortium and also authorizing the leader for signing and submission of Bid on their behalf. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for discharging all obligations under the contract. However, the leader of the consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the 'Scope of Work' of this bid document. In case of award, such MOU shall be kept valid through the entire contract period, including extension, if any. The leader of the Consortium should satisfy the minimum experience requirement as per clause 2.0 above.		
(b)	Only the leader of the consortium shall buy the bid document and submit bid on behalf of the consortium. The other members of the consortium shall ratify all the acts and decision of the Leader of the Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract.		
(c)	The Performance Security shall be in the name of the Leader of the consortium on behalf of consortium with specific reference to consortium bid and name & address of consortium members.		
(d)	The leader of the consortium on behalf of the consortium shall coordinate with OIL during the period the bid is under evaluation as well as during the execution of works in the event contract is awarded and he shall also be responsible for resolving dispute / misunderstanding / undefined activities, if any, amongst all the consortium members.		
(e)	Any correspondence exchanged with the leader of consortium shall be binding on all the consortium/joint venture members.		
(f)	Payment shall be made by OIL only to the leader of the consortium towards fulfillment of the contract obligation.		
(g)	In case of consortium bids, the bid shall be digitally signed by the authorized		

	representative of the leader of the consortium. The power of Attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the bid, if the same is not mentioned in the MOU submitted along with the bid.		
(h)	Constitution of consortium: If during the evaluation of bid, a consortium leader proposes any alterations/changes in the constitution or replacement or inclusion or expulsion of any partner(s)/member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to knowledge at any time, the bid of such a consortium shall be liable for rejection.		
(i)	Signing of contract: In the event of award of contract to the consortium, the contract to be signed by the leader of the consortium on behalf of the members of the consortium and the liability shall be binding on each member of the consortium jointly and severally.		
(j)	Bidder(s) quoting in collaboration / joint venture partnership / consortium with any firm are not allowed to quote separately /independently against this tender. The collaborator is also not allowed to quote separately/independently against this tender. All such bids including the partnership bids shall be summarily rejected against the tender.		
(k)	The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper.		
3.0	CREW EXPERIENCE:		
3.1	The Bidder shall confirm to deploy minimum nos. and the category of the Rig crew personnel as indicated under Terms of Reference/ Technical Specification of the Bid Document. The Drilling Key Personnel must have requisite experience and meet eligibility criteria in their respective position and should be fluent in English. Bidder may deploy additional personnel for maintenance / operation / supervision / training / inspection at their cost. OIL shall make no payment for additional personnel so deployed.		
3.2	Confirmation in regard to the point above		

	shall be submitted in the Technical Bid. However, list of all crew personnel with bio-data, proof of qualification & experience etc. shall be submitted for approval of OIL before commencement of work.		
4.0	DOCUMENTS: Bidders must furnish documentary evidences in support of fulfilling the entire above requirement as under:		
(a)	Rig offered – Documents relating to Rig already in possession or propose to own/lease along with technical specifications/details.		
(b)	Residual life of the offered Rig as per Para 1.3 above.		
(c)	Drilling experience of the Bidder – Statement to be furnished by Bidder in a tabular form along with copies of contracts / work orders / completion certificates / payment certificates issued by the clients.		
(d)	Financial turn-over of the Bidder– Audited balance sheets/profit and loss accounts etc.		
(e)	MOU or legally acceptable documents in support of tie-up arrangements along with the technical bid.		

Name of the Authorized Signatory: _____

Name of the Firm/Service Provider/Bidder: _____