



OIL RIGS

Quotation

NOW

May 22, 2014

Quotation and Configuration of 1000HP Truck-mounted Drilling Rig

No.	Name	Model	Technical Specification	Unit	Qty	Price	Remark
	Drilling Rig	ZJ40	Self-propelled, consisting of steering system, power system, angle gear box, drawworks of double drums, auxiliary brake, chain driving device, mast, hydraulic winch, hydraulic & pneumatic system, ship-base, etc. Drilling depth: 4000m (4-1/2" DP) Max. hook load: 2250KN Rated engine power: 630HP×2 Mast height: 125ft/38m Racking platform height: 22m, 23m, 24m Travelling system: 6×5 Diameter of wireline: 1-1/4" (φ32mm) Overall dimension of movement: 23×3.2×4.8m Total weight: 88000 kg Suitable ambient temperature: -19℃----45℃				
I	Mainframe						
1	Carrier	XD70/14×10					
1.1	Truck frame		ncluding crossbeam assembly, front boarding, mud-guard, raising cylinder bracket and beam of hydraulic jack	set	1		
1.2	Axle	CQ	Seven; Driving type:14×10	jt	7		
1.3	Wheel tire	18-22.5 12-20	single tubeless tire, for front three axles double tube tire, for rear four axles	ea	24		
1.4	Steering mechanism		Including steering pump, steering cylinder, steering rod and steering lines, steering auxiliary pump and pipelines etc.	set	1		
1.5	Steering hydraulic system		Including: steering pumps, check valve, overflow valve, oil pipeline, joint, sucking filter and back filter assembly etc.	set	1		
1.6	Suspension			set	1		
1.7	Cab		single driver, single door with air condition	set	1		
1.8	Hydraulic jack	Y3030		ea	4		
1.9	transimission Shaft	CDZ		set	1		
1.1	Oil tank and air bag			set	1		
1.11	DC electrical system			set	1		
1.12	Lighting system			set	1		
2	Diesel engine	Caterpillar C18	Net power:630HP Rotary speed:2100r/min Loss water low oil pressure, high water temperature, auto stop.	set	2		Made in US
3	Transmission case	Allison S6610HR	Six forward and one reverse	set	2		Made in US
4	Compound transfer case	BFX	Max. torque: 24kN.m Max. input rotary speed : 2100rpm	set	1		
5	Angle gear box	JCX240	Max. torque: 24kN.m Max.input speed 2100r/min	set	1		
6	Drawworks	JC28B/11	Rated input power: 1200HP Rated input rotary speed :450r/min Max.fast line pulling force: 280KN Main drum diameter: φ570mm Brake type : band brake+auxiliary brake Main drum brake rim size: Φ1270×267mm Crown-block proctector:crown-O-matic sandline drum wireline pulling force: 110KN sandline drum diameter: φ340mm sandline drum wireline diameter : φ9/16" sandline drum brake rim size: Φ970×210mm Double drum, brake rim internal circulation cooling.	set	1		
7	Auxiliary brake	Eaton WCB236		set	1		Made in US

8	Mast	JJ22538	Front open, w/guy line, according with API 4F specification. two sections, telescopic type.Max.hook load: 2250KN Effective height: 38m Racking platform height: 22m, 23m and 24m Resist wind capacity (no load, no setback): 110Km/hSetback capacity: 4000m (4-1/2" DP) Including mast upper and lower sections, racking platform, telescoping cylinders, wind guyline, ladders and single pipe riser, anti-falling set, etc.	set	1		
9	Raising cylinders for mast			pair	1		
10	Substructure	DZ225/6	Type: six colume foldable swing-up type Max load: 2250KN Working height: 6m Clearance height: 4.9m Working area: 7.2m×6m Including escaping slideway ,handrails and ladders	set	1		
11	Travelling system		Rope system: 6x5 Drilling line :φ32mm/1-1/4" Max.hook load:2250KN	set	1		
11.1	Crown block	TC225	three shaft type, fast line sheave 1 piece, dia. Φ915mm, dead line sheave 4 pieces, dia. Φ760mm, bailing sheave 1 piece , dia. φ 500mm,	set	1		
11.2	Hook block	YG225	Max.hook load: 2250KN, Traveling block sheave OD and No. φ915×5	set	1		
11.3	Drilling line	1-1/4"	Length: 460m, conform to API Spec 9A	roll	1		
12	Swivel	SL225	According with API spec. 8A, Complete with kelly air spinner Max. static load: 2250KN Max. work pressure:5000psi Wash pipe dia: Φ76mm	set	1		
13	Hydraulic cathead	Y15160	Cathead make up pulling force: 50KN Cathead break out pulling force: 100KN	set	2		
14	Rotary table gearbox	XCDX	Max .input rotary speed: 1200r/min Max.work torque: 6kN.m	set	1		
15	Sloping chain box		lower, upper chain boxes	set	1		
16	Rotary table	ZP275	According with API. Spec7K Open diameter: 27-1/2" (699mm) Max.static load: 4500KN Max. work torque: 27.5KN.m Max.rotary speed:300r/min	set	1		
17	Brake cooling circulation system		Including cooling water tank,motor ,hose and water pump.	set	1		
18	Pneumatic system		Max. working pressure: 0.8MPa Include: all kinds of valves and pipe line.	set	1		
19	Hydraulic system		Max. working pressure: 21Mpa include all kind of valves and pipeline , hydraulic oil tank , hydraulic pump 1 set .	set	1		
20	Electrical system		Explosion proof electrical components, mast lamps and sockets and switches	set	1		
21	Racking platform escaper	TS-00		set	1		
22	Drilling pipe V-door and catwalk way			set	1		
23	Hydraulic winch	YJ3C	Rated hoisting weight: 30kN, Rated wireline capacity: 80m, Wireline diameter: φ13mm	set	1		
		YJ5B	Rated hoisting weight: 50kN, Rated wireline capacity: 100m, Wireline diameter: φ15mm	set	1		
24	Deadline anchor and weight indicator	JZ250	Sensor assembly, weight indicator assembly, recorder assembly, hand pump and pipeline	set	1		
25	Rig base		Whole unit folding type , can meet whole unit trailer requirement .	set	1		
26	Hose	4"	Working pressure: 35MPa, L=18m, Bore diameter: φ76mm	jt	1		
27	Elevator links	DH250	L= 2.7m Load rating: 250 tons	pair	1		
II	Engine-pump unit						
1	Mud pump	F-1000	Type: Triplex single action Rated power: 1000HP Stroke: 120s/min	set	2		Made in China
2	Diesel engine	CAT3512	Power: 1025HP Speed: 1200r/min	set	2		Made in US
3	Hydraulic coupler	YOTFJ750-25DDF	Rating power: 600-1300KW Rated input speed: 1000-1500rpm	set	2		Made in China
4	Skid base			set	2		Made in China
5	Universal shaft			set	2		Made in China
6	Charging pump			set	2		Made in China
7	Compound manifold			set	1		Made in China
III	Solid control system						
1	Mud tank		Total capacity: 240m ³	set	5		
2	Shale shaker	HPT240D-3P	Max. working capacity: 240m ³ /h x3 Shake type: linear	set	2		
3	Vacuum degasser	ZCQ1/4		set	1		
4	Desander	ZCS250x2		set	1		
5	Desilter	ZCNS100x10		set	1		

6	Middle speed centrifugal	GLW450x842		set	1		
7	Shear pump	JQB150x125		set	1		
8	Weighting mixing sand pump			set	4		
9	Jet mixing hopper			set	2		
10	Agitator		Impeller diameter: 700mm, speed: 72 r/min power: 11KW	set	11		
11	Trip pump	SB3 " x4 "	Delivery lift: 23m Power: 11KW Discharge: 80m ³ /h	set	1		
12	pump under fluid	80YZ(S)40-10		set	1		
13	Mud gun	DN50	Pressure:2.5Mpa	ea	13		
14	Pill tank		Outer dimension: 1500x1500x1350mm, Capacity: 2.25m ³ . Including one set agitator, with the power 2.2kw	set	1		
15	Poor boy	YQF1600	Diameter: φ800mm	set	1		
IV	Generator set						
1	Diesel generator	400KW	Volvo	unit	2		
2	Cable and electric control box			set	1		
V	Well site power distribution and supply			set			
1	MCC			set	1		
2	Explosion proof control box			set	1		
3	Explosion proof sealing plug			set	1		
4	Cable			set	1		
5	Illuminating system (including lamp bracket and lamps)			set	1		
VI	Air compressor set						
1	Air compressor			unit	2		
2	Gas tank	2.5m ³		unit	1		
3	Dryer			unit	1		
4	Air supply room + mcc + generator room			set	1		
VII	Well control system						
1	Annular BOP	FH35-35	Bore diameter: 350mm (13 5/8") Working pressure: 35MPa	set	1		
2	Double ram BOP	2FZ35-35	Bore diameter: 350mm (13 5/8") Working pressure: 35MPa	set	1		
3	Drilling spool	FS35-35	vertical bore diameter: φ350mm (13 5/8"), Max. working pressure: 35MPa, sealing range: 0-φ380mm	set	1		
4	Pressure testing blind flange	F35-35		ea	1		
5	adapter flange		13 5/8 " x14— (13 5/8 ") x35 (R57—Bx160) 11 " x35—13 5/8 " x35 (Rx54—Bx160) 11 " x21—11 " x35 (R53—Rx54)	ea	each1		
6	Lifting set for BOP			set	1		
7	BOP control system	FKQ640-6	control five units, General Capacity: 640L	set	1		
8	Driller's console	SZQ-6		set	1		
9	High-pressure fireproof hose		10m x1"x35MPa included Union joint	jt	40		
10	Air high-pressure testing pump			set	1		
11	Pressure testing base			set	1		
12	Pressure testing hose			set	1		
13	Air pipe			set	1		
14	Choke manifold	JGY103-35	Working pressure: 5000PSi Main bore diameter:4-1/16" Choke bore diameter: 2-9/16"	set	1		
15	Kill manifold	YG103-35	Working pressure: 5000PSi Main bore diameter: 4-1/16" Choke bore diameter: 2-9/16"	set	1		
20	Ram assembly		each one for 7" , 5 1/2" , 5" , 4 1/2" , 3 1/2" , 2 7/8" , one for all sealing	ea	7		
VIII	Diesel fuel tank/water tank						
1	Diesel fuel tank		30M3	set	1		
2	Water tank		40M3	set	2		
IX	Wellhead Tools						

1	Drilling instrument	13-parameter meter	Measurement parameter: Engineering Category: weight, standpipe pressure (mud pressure), drill pressure, rotary table speed, rotary table torque, pump stroke, outflow volume and tong torque. Drilling fluid category: mud pit volume. Parameter calculation category: mud pit overflow and leakage and drilling time. Alarm category: overrun alarm and light alarm.	set	1		
2	Hydraulic power tong	ZQ203-100		set	1		
3	Hydraulic casing tong	TQ340-35		set	1		
4	Hydraulic station	YZB120		set	1		
5	DP tong	Q3 1/2"-13 3/8"/75		set	2		
6	Casing tong	Q13 3/8"-20"/35"		set	2		
7	DP elevator	φ 73mm		set	2		
8	DP elevator	φ 89mm		set	2		
9	DP elevator	φ 114mm		set	2		
10	DP elevator	φ 127mm		set	2		
11	DP elevator	φ 168mm		set	2		
12	Safety Clamp	WA-C3 1/2-13 3/8"		set	2		
13	Safety Clamp	DCS-L8-9 1/2"		set	2		
14	Slips	SDXL5		set	2		
15	Slips	SDXL4 1/2"		set	2		
16	Kelly	5-1/4"		set	1		
17	Roller type bushing	5-1/4"		set	1		
18	Bushing	2 3/8-8 5/8"		set	1		
19	Bushing	9 5/8-10 3/4"		set	1		
20	Bushing	11 3/4-13 3/8"		set	1		
21	Bushing	20"		set	1		
X	Drill Tools						
1	Drill pipe	4.1/2"	G105, 4.1/2"-R2, 16.6PPF, NC46, 18°Shoulder	ft	12000		
2	Drilling collar	6-1/2"	6.5in x 2.812 x31	ea	20		
3	Drilling collar	8"	8in x 2.812 x31	ea	20		
XI	Cementing unit		Skid mounted cementing unit and batch mixing tank	set	1		
XII	Assembly & test cost			set	1		
XIII	Painting & Packing cost			set	1		
XIV	Documents		Three copies English Operation manuals, free	set	1		
TOTAL PRICE (USD)					USD 6,500,000.00		
OCEAN FREIGHT SHIPPING & HANDLING					AS IS		
TOTAL PRICE (USD) FOB CHINA PORT					USD 6,500,000.00		
To:	1. Validity of this quotation is 30 days. 2. First, 30% down payment by T/T, balance will be paid by T/T or on sight L/C before shipment 3. The contract will take effect when receiving the down payment. 4. The agreement of after sale service will be signed later. 5. This quotation is subject to final confirmation 6. Third party inspection will be at buyer's cost. 7. The items which do not show original country are made in China.						