



ENERGY & TECHNOLOGY Corp.

3639 Ambassador Caffery Pkwy. Petroleum Tower Suite 530, Lafayette LA 70503

P.O.Box 52523 Lafayette, LA 70505, USA

Ph: 337-984 2000 Fax: 337-988 1777

Email: ENGT@ENGT.com Website: www.ENGT.com

Quotation for 750HP TRUCK-MOUNTED RIG

ITEM	DESCRIPTION	UNIT	QTY		
I	Parts Main Unit				
1	MastJJ18038	SET	1		
	Open front, with guyline, pack with two sections Max. load: 1800KN Effective height: 38m Capacity of wing:100km/h Including upper section, lower section,monkey board,guyline Hoisting and telescoping hydraulic cylinder				
2	Crown block TC180	SET	1		
	Fast line sheave:1-φ915mm Dead line sheave:1-φ760mm Dead pulleys:4-φ760mm Sand line pulley:1-φ500mm				
3	Travelling Block YG180	SET	1		
	Max. load:1800KN Wirerope diameter:φ32mm Pulley diameter:5-φ760mm				
4	Wirerope φ32	SET	1		
	Dextro rotation, Core structure:6×19S+IWRC Grade:EIPS Length:600m				
5	Swivel SL225	SET	1		
	Max. dead load:2250KN Max. working Pressure:35MPa Max. rotating speed:300r/min				



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6	Hydraulic cathead Y15160	PCS	2		
	Max. pulling force:150KN Effective travel:1600mm System pressure:14 Mpa				
7	Drawworks JC28/11	SET	1		
	JC28/11 Input rotating Speed:450r/min Fastline pulling force:280KN Dimension of the main Roller:φ560×1045mm Braking:hydraulic disc brake + auxiliary brake Dimension of brake rim:φ 1168×267mm Crown block saver:overwind Valve type Main drum clutch: TPQ330H Line pulling force of the Sand roller:110KN Dimension of the sand Roller:φ314×912mm Wireline of the sand roller:φ 14.5mm Brake rim of the sand reel:φ 970×210mm Clutch of the sand Reel:ATD124-H Internal recycle brake rim Cooling Including main drum, sand Reel, pusher clutch,Chain, Safeguard, water tank, Water circulating pump line and brake system				



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8	Auxiliary brake EATON WCB324	SET	1		
	Max. sliding rotary Speed:715r/min Max. free wheel rotary Speed:1190r/min Brake torque:33900N•m (Pressure:0.55MPa) Heating power:604kW Discharge capacity of Cooling water:307L/min				
9	Hydraulic disc brake PZ40	SET	1		
	Working tong: Max. positive pressure on one side:45kN Effective stroke:30mm Safety tong: Max. Positive pressure on one side: 50kN Max. working clearance of Brake pad:1mm				
10	Compounding gear box BZX180B	SET	1		
	Max. Inputs rotate speed: 2100r/min Max. output torque: Driving shaft of draw Works:18KN.m Driving shaft of rotary Shaft:5.5KN.m Driving shaft of base:9KN.m				
11	Angle gear box JX240	SET	1		
	Max output torque: 24kN•m Transmission ratio: $i=35/26=1.346$ Max input rotate Speed:2100r/min				



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12	Rotary drive box ZJ30CZ-04	SET	1		
	Max. Output torque: 14KN...m Transmission ratio: I=1.36: 1 Positive reverse gear, with reaction torque releasing device Model of clutch:ATD318 Axial thrust disc				
13	Rotary table ZP275	SET	1		
	Diameter:698.5mm(27 1/2") Max.net load:4500KN Max.working torque:27.5KN.m Max.rotary speed:300r/min				
14	Drill floor ZZT180	SET	1		
	Structure: parallelogram Acreage:7.2×6m Max. load: 1800kN Working height: 6m Height of handrail :1200mm Racking capacity of tribble : (φ114mmDP, 19m tribble) 3000m (φ127mmDP, 19m tribble) 2500m Headroom :4.8m				
15	Accessories of Drill floor	SET	1		
	Including DP slideway,Catwalk way,Escaping slideway,Ladder and handrail,Rig base,etc.				
16	Pneumatic system	SET	1		



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	Max.working pressure:0.8MPa All kinds of valves and pipelines are included.(Main parts are imported)				
17	Hydraulic system	SET	1		
	System pressure:14MPa All kinds of valves and pipelines,oil tank are included.				
18	Hydraulic winch (YJ3C)	SET	1		
	Rated pressure:14MPa Max. lifting power:30kN				
19	Hydraulic winch (YJ5B)	SET	2		
	Rated pressure:14MPa Max. lifting power:50kN				
20	Driller's house and frame	SET	1		
	TOTAL				
II	Carrier XD70/14X8				
1	Engine CAT C15	SET	2		
	Net power:540Hp,Rotary speed:2100rpm dehydration,lower oil pressure,high water temperature and protection.				
2	Transmission ALLISON	SET	2		
	Max. net input power :410kW (550hp) Max. input rotary speed :2500r/min Max. net input torque:2732N•m (2015 lbfft) Transmiaaion ratio of				



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	gears : 0.67:1 1:1 1.35:1 2.01:1 2.68:1 4:1 5.12:1(reverse)				
3	Truck frame CJ-01	SET	1		
	II-shape beam welded by 16Mn steel plate				
4	Axle & Suspending system CQ	SET	7		
	Wholly forging and high intensity axle				
5	Tire 18-22.5 12-20	SET	24		
	Front single tire, rear double tire.				
6	Cab	SET	1		
	Single cab, oil drop prevented brim, door glass able to move up and down, seats able to be adjusted back and forth, up and down, equipped with air condition, sun visor, safety belt, fire extinguisher.				
7	Hydraulic jack Y3030	SET	4		
	Working length : 300mm System pressure :14MPa				
8	Steering system	SET	1		
	steering through the front three axles, hydraulic driving				
9	Electric system	SET	1		
	Electrical equipment: AC generator,DC motor,Accumulator,Lighting (head light, front small light, fog light, rear light, side light, cab top light,				



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	instrument light, variant indicate light, warning light), Electric horn, Inserted fuse box, etc.				
10	Brake system	SET	1		
	Main brake system: singlecircuit foot-control pneumatic brake, impact on all five axles, working pressure 0.8MPa. Stopping brake: impact the fourth and fifth axles, sixth and seventh. Auxiliary brake: hydraulic speed reducer operated by foot				
	TOTAL				
III	Wellhead equipment and instruments				
1	Weight indicator JZ250	SET	1		
2	Drilling parameter analyzer	SET	1		
3	Hydraulic drill pipe tong ZQ-100	SET	1		
4	Hydraulic casing pipe tong TQ340-35	SET	1		
5	Elevator links DH250	SET	1		
6	Elevator DD4-1/2	SET	1		
	250T		1		
7	elevator DD5	SET	1		
	250T		1		
8	B-type tongs	SET	1		
9	Roller kelly bushing	SET	1		
10	Pneumatic slip QQP60-127	SET	1		
11	Safety slip	SET	1		



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	TOTAL				
IV	Mud pump unit				
1	Mud pump RGF-1000	PCS	2		
	Rated input power:1000HP Rated stroke:140stroke/min Stroke:254mm Max work pressure:35MPa				
2	Diesel engine CAT 3512	PCS	2		
	Power:1025HP				
3	Hydraulic torque convertor positive decelerating box	SET	2		
4	Transmission device	SET	2		
5	Control system	SET	2		
6	Sled holder and tool box	SET	2		
7	Compounding pump manifold	SET	1		
8	Pump room shade shed	SET	2		
9	Other accessories	SET	2		
	TOTAL				
V	Well control system				
1	Double ram BOP 2FZ35-35	SET	1		
2	Spool FS35-35	SET	1		
3	FH35-35 annular BOP	SET	1		
4	BOP control device	SET	1		
	Remote console FKQ6406				
5	Choke manifold JG 35	SET	1		
6	Kill manifold YG 35	SET	1		
7	High pressure flameproof control pipe	SET	1		
8	BOP driller's control panel	SET	1		
9	Air-drive pressure tester, 70 Mpa	SET	1		



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10	double ram BOP's accessories	SET	1		
	TOTAL				
VI	Solid control system				
1	Drill fluid tank	SET	4		
	Total capacity 200m3 total useful capacity 120m3				
2	Medicament tank 2m3	SET	1		
3	High density weighting hopper	SET	1		
4	Weight pump	SET	2		
5	Shaker	SET	1		
6	Feeding pump	SET	2		
7	Shearing pump	SET	1		
8	Combination shaker	SET	1		
9	Mixer 11kw	SET	12		
10	Mixer 5.5kw	SET	1		
11	Sand pump	SET	2		
12	Charging pump	SET	2		
13	Mud gun	SET	12		
14	Vacuum degasser	SET	1		
15	Rat hole	SET	1		
16	Mouse hole	SET	1		
17	Mud centrifuge	SET	1		
18	Mud test room	SET	1		
19	Other accessories	SET	1		
20	Sunshade and diamond plate	SET	1		
VII	Generator unit				
1	Generator room, cable	SET	2		



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	locate generator unit,air system,MCC, parallel operation cabinet				
2	diesel generator unit	SET	2		
	VOLVO 400kw				
VIII	Air source and clean device				
1	Air compressor LS-12-50HH	SET	1		
2	2*1.5m3 air tank	SET	1		
3	Drier	SET	1		
IX	Auxiliary equipment				
1	Pipe racking	SET	6		
2	Hydraulic cathead	SET	2		
3	Mast mud standpipe	SET	1		
4	Derrick pose	SET	1		
5	Tongs hydraulic balance device	SET	1		
6	Climbing helper	SET	1		
7	Monkey board escaper	SET	1		
8	Water tank 40m3	SET	1		
9	Elevated diesel tank 35m3+5m3	SET	1		
X	Well site electricity system	SET	1		
XI	painting	SET	1		
XII	Assembly, commission	SET	1		
	Price Subject To Change			TOTAL PRICES	\$3,956,334.80















