



PETROLINES FOR CRUDE OIL LTD.

شركة بترولناينز لخطم النفط المحدودة

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Materials and Services Standard Categories

CPL Section

ADMINISTRATION & SUPPLY DEPARTMENT (CPL)

Level 7 GNPOC Tower

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Khartoum – Sudan, P.O. Box: 11856

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PETCO - Materials and Services Standard Categories (MASSC)

Code	Description		Notes
Services			
B1	Building, Real Estate, Installation & Facilities		
	B1.61	Administrative & Legal	
	B1.62	Furniture & Office Equipment	
	B1.63	Housekeeping / Janitorial / Pest Control	
	B1.64	Investigation & Estimation	
	B1.65	Leasing / Rental	
	B1.66	New Installation, Maintenance & Overhaul	
	B1.67	Temporary Accommodations	
	B1.68	Waste Management (Scheduled, Scrap, Debris etc.)	
C1	Catering And Associated Services		
	C1.61	Proper Catering	
	C2.62	Supply Services	
C2	Construction & Fabrication Works		
	C2.61	Civil Works	
	C2.62	Construction Works-Major	
	C2.63	Construction Works-Minor	
	C2.64	Construction Works-Pipeline	
	C2.65	Directional Drilling	
	C2.66	Electrical Works-Major	
	C2.67	Electrical Works-Minor	
	C2.68	Fabrication Works	
	C2.69	Pipeline Coating	
C3	Construction Equipment Services		
	C3.61	Earthmovers	
	C3.62	Heavy Lifting	
C4	Consultancy & Engineering Services		
	C4.61	Architectural	
	C4.62	Installation / Commissioning	
	C4.63	Conceptual Design	
	C4.64	Detailed Design-Others	
	C4.65	Detailed Design-Pipeline	
	C4.66	Detailed Design-Structural	
	C4.67	Drafting	
	C4.68	Engineering-Civil & Structural	
	C4.69	Engineering-Electrical	
	C4.70	Engineering-Mechanical	
	C4.71	Environment / HSE	
	C4.72	Human Resource Management	
	C4.73	Information Technology	
	C4.74	Inspection & Maintenance	
	C4.75	Laboratory Analysis-Chemical / Oil	
	C4.76	Laboratory Analysis-Others	
	C4.77	Measurement & Metering	
	C4.78	Project Management-Building & Civil Works	
	C4.79	Project Management-Drilling	
	C4.80	Project Management-Facilities	

Code	Description	Notes
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Services		
C4	Consultancy & Engineering Services	
	C4.81	Project Management-Turnaround
	C4.82	Rheology Studies
	C4.83	Risk Assessment
	C4.84	Training-Functional
	C4.85	Training-Language
	C4.86	Training-Management
	C4.87	Engineering Studies / Audit Reports
	C4.88	Finance & Accounting
	C4.89	Contracts / Procurement / Materials Management
	C4.90	Rental Of Miscellaneous Equipments & Tools
	C4.91	Facilities And Capacity Expansion
D1	Drilling And Production Operations	
	D1.61	Bottom Hole Pressure & Temperature Survey
	D1.62	Corrosion Caliper Survey
	D1.63	Equipment & Services-Borehole Survey
	D1.64	Equipment & Services-Cementing
	D1.65	Equipment & Services-Coiled Tubing
	D1.66	Equipment & Services-Coring
	D1.67	Equipment & Services-Directional Drilling
	D1.68	Equipment & Services-Drilling Rig
	D1.69	Equipment & Services-Fishing
	D1.70	Equipment & Services-Hydraulic Work over
	D1.71	Equipment & Services-Service Rig
	D1.72	Equipment & Services-Snubbing
	D1.73	Equipment & Services-Water Well Drilling
	D1.74	Equipment & Services-Well Completion
	D1.75	Equipment & Services-Wellhead
	D1.76	Equipment & Services-Wire line
	D1.77	Gyro data /Gyro Survey
	D1.78	Gyro data /Gyro Survey
	D1.79	Mud Engineering
	D1.80	Mud Logging
	D1.81	Pipe Threading
	D1.82	Provision Of Drilling Bits & Nozzles
	D1.83	Provision Of Drilling Bits & Nozzles
	D1.84	String Leak Testing
	D1.85	Studies & Analysis
	D1.86	Tool Repairs & Refurbishment
	D1.87	Well Stimulation Services
	D1.88	Well Testing
	D1.89	Wire line Logging & Perforation Services
	D1.90	Equipment & Services-Drilling Fluid Services
	D1.91	Maintenance - Production Equipment

Code	Description	Notes
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SERVICES		
E1	Environmental & Positional Survey	
	E1.61	Bioremediation Study
	E1.62	Environmental Impact Assessment
	E1.63	General Environmental Studies & Research
	E1.64	Hydrographic Survey
	E1.65	Meteorological Services
	E1.66	Soil & Groundwater Investigation
	E1.67	Topographic Survey
H1	Health, Safety And Environment (HSE)	
	H1.61	Oil/Chemical Spill Control & Services
	H1.62	Safety Training
	H1.63	Sanitary Services
	H1.64	Fire Fighting Services
	H1.65	Medical Services
	H1.66	Planting / Harvesting
I1	Information Technology	
	I1.61	Network Services
	I1.62	Programming
	I1.63	Server & Pc Hardware
	I1.64	Software & Licenses
I2	Insurance	
	I2.61	Construction Insurance
	I2.62	General Insurance
	I2.63	Personnel Insurance
	I2.64	Marine Insurance
	I2.65	Marine Insurance
M1	Service-Maintenance	
	M1.61	Blasting & Painting
	M1.62	Electrical
	M1.63	HVAC
	M1.64	Hydraulic Bolt Tensioning
	M1.65	Instrumentation
	M1.66	Machine Shop
	M1.67	Mechanical-Rotating
	M1.68	Mechanical-Static
	M1.69	Tubing Inspection (Boroscope) & Cleaning
M2	Manpower	
	M2.61	Executive
	M2.62	Labour
	M3.63	Semi Skilled Technical / Non-Technical

Code	Description	Notes
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SERVICES		
P1	Projects	
	P1.61 P1.62 P1.63 P1.64 P1.65 P1.66 P1.67	Field Production Facility (FPF) Pipeline Project Facility (PPF) Field Service Facility (FSF) Field Improvement Projects (FIP) Power Plant Consultancy And/or PMC - Power Plant Consultancy And/or PMC – Others
Q1	Quality Assurance	
	Q1.61 Q1.62 Q1.63 Q1.64	Calibration & Certification Service- Instrumentation Calibration & Certification-Equipment NDT & General Inspection Services Pipeline Inspection
S1	Seismic Services	
	S1.61 S1.62 S1.63 S1.64 S1.65 S1.66 S1.67	Seismic Data Acquisition Seismic Data Processing/Reprocessing Seismic Interpretation Services Seismic Interpretation/Mapping System Seismic Modeling Seismic Modeling Well Seismic/Velocity Survey
T1	Telecommunications	
	T1.61 T1.62 T1.63	Equipment Rental & Services New Installation, Maintenance, Repair & Overhaul New Installation, Maintenance, Repair & Overhaul
T2	Transportation And Logistics	
	T1.61 T1.62 T1.63 T1.64 T1.65 T1.66 T1.67	Administrative / Legal / Logistics / Travel / Courier Services Automotive Automotive-Repair & Servicing Automotive-Repair & Servicing Marine Vessels Freight Forwarding Equipment Transportation & Logistics Services

Code	Description	Notes
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Capital Equipment		
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AT	Pressure Vessels		
	AT.01	Air Dryers	
	AT.02	Boilers	
	AT.03	Dehydrators	
	AT.04	Fractionation Columns	
	AT.05	Insulation & Cladding, Vessels	
	AT.06	Mist Eliminators	
	AT.07	Reactors	
	AT.08	Refrigeration Vessels	
	AT.09	Scrubbers	
	AT.10	Separators, In-Line	
	AT.11	Steam Generators	
	AT.12	Treaters	
	AT.13	Vessels, 2" Wall And Over	
	AT.14	Vessels, Less Than 2" Wall	
	AT.15	Vessels, Low Temperature	
AU	Process Equipment		
	AU.01	Arrestors, Flame	
	AU.02	Burners, Acid Gas	
	AU.03	Exchangers, Aerial Coolers	
	AU.04	Exchangers, Brazed Aluminum	
	AU.05	Exchangers, Fintube	
	AU.06	Exchangers, General	
	AU.07	Exchangers, Plate	
	AU.08	Exchangers, Shell And Tube	
	AU.09	Exchangers, Spiral	
	AU.10	Extruders, Planetary	
	AU.11	Flare Stacks And Igniters	
	AU.12	Heaters, Fired	
	AU.13	Heaters, Line	
	AU.14	Metering W/Pumps And Treatment Equipment	
	AU.15	Mixer, Chemical	
	AU.16	Stacks, Incinerator	
	AU.17	Towers, Contactor	
	AU.18	Towers, Cooling	
	AU.19	Water Treating Systems	
AV	Pumps		
	AV.01	Pumps, Centrifugal	
	AV.02	Pumps, Diaphragm	
	AV.03	Pumps, Fire Water	
	AV.04	Pumps, Hydraulic	
	AV.05	Pumps, Injection	
	AV.06	Pumps, Positive Displacement	
	AV.07	Pumps, Progressive Cavity	
	AV.08	Pumps, Reciprocating	
	AV.09	Pumps, Special Applications	

Code	Description		Notes
Capital Equipment			
AV	Pumps		
	AV.10	Pumps, Sulphur	
	AV.11	Pumps, Utility	
	AV.12	Pumps, Vertical Turbine	
	AV.13	Pumps, Water Submersible	
	AV.14	Rotary Pivots	
AW	Security Equipment		
	AW.01	Electronic Surveillance Equip	
	AW.02	Identification Badge Equipment	
	AW.03	Locking Devices	
	AW.04	Special Use Equipment	
AX	Storage Tanks And Vessels		
	AX.01	Tanks, Fiberglass	
	AX.02	Tanks, Field Erected	
	AX.03	Tanks, Flare Knock-Out	
	AX.04	Tanks, Pressure Storage Bullet	
	AX.05	Tanks, Shop Fabricated	
	AX.06	Tanks, Underground	
AY	Vehicles		
	AY.01	Cars	
	AY.02	All Terrain Vehicles(Quads)	
	AY.03	Bicycles	
	AY.04	Boats & Barges	
	AY.05	Fixed Wing Aircraft	
	AY.06	Heavy Tandem Trucks	
	AY.07	Rail Cars And Locomotives	
	AY.08	Rotary Aircraft	
	AY.09	Semi Tandem Trucks	
	AY.10	Tracked Vehicles (Bombardier)	
	AY.11	Trailers	
	AY.12	Trucks, Heavy Duty Over 1 Ton	
	AY.13	Trucks, Light 1 Ton Or Less	
	AY.14	Bus	
AZ	Well Completion Equipment		
	AZ.01	Perforating Equipment	NOT APPLICABLE FOR PETCO
	AZ.02	Swabbing Equipment	
	AZ.03	Tubing Drains	
	AZ.04	Water Line Equip.(Slick Line)	
BA	Wellhead Equipment		
	BA.01	Blow Out Preventer	
	BA.02	Wellhead Equipment	

Code	Description	Notes
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Capital Equipment		
BB	Workshop Equipment	
BB.01	Drilling Machines	
BB.02	Grinding Machines	
BB.03	Machine Shop Equipment	
BB.04	Painting Equipment	
BB.05	Painting Equipment	
BB.06	Welding Equipment	



Code	Description	Notes
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Goods		
54	Airfield Equipment & Accessories	
54.01		Aviation Fuel Systems
54.02		Location Beacons
54.03		Radio Equipment
54.04		Landing Lights
54.05		Emergency Lights
54.06		Airfield Maintenance Equipment
21	Artificial Lift Equipment Parts	
21.01		BHP - Submersible Electric
21.02		BHP - Submersible Electric Motor
21.03		BHP - Screw Pump
21.04		BHP - Screw pump Top Drive Unit
21.05		Pump jacks
21.06		Pump jack Bases
21.07		Sucker Rods
21.08		Sucker Rod Accessories
21.09		Sucker Rod Ponies
21.10		Polish Rod and Clamps
21.11		Swedges And Bushings
21.12		ESP Accessories
21.13		ESP Tools & Instruments
2	Building Material	
2.01		Sand And Gravel
2.02		Cement And Grouting
2.03		Lumber And Timber
2.04		Bricks, Tiles And Blocks
2.05		Roofing
2.06		Glass And Glazing Materials
2.07		Partitions / Paneling / Trim
2.08		Hardware For Construction
2.09		Paint And Related Materials
2.10		Windows/Doors And Casings
2.11		Plumbing And Drainage Material
2.12		Insulation
2.13		Siding And Cladding
2.14		Scaffolding
2.15		Anchor Bolts, Rebar
2.16		Fireproofing
2.17		Flooring

Code	Description	Notes
64	Camp Equipment Supplies	
64.01	Batteries, Dry Cells, Flashlight	
64.02	Freezers, Self Contained	
64.03	Furniture & Fixtures	
64.04	Entertain & Recreation Equipment Parts	
64.05	Plumbing Fixtures	
64.06	Kitchen Accessories	
64.07	Clothes Washers & Dryers Spares	
64.08	Janitorial Supplies	
64.09	Bedding & Linens	
64.10	Dishes & Cutlery	
64.11	Cooking Utensils	
64.12	Soap Powders, Cleansers, Etc.	
64.13	Paper Products / Plastic Products	
64.14	Camping Material (Temporary)	
64.15	Gardening Supplies	
16	Casing And Accessories	
16.01	Conductor Pipe	NOT APPLICABLE FOR PETCO
16.02	Casing	
16.02	Thread Protector s Casing	
16.04	Thread Compounds	
16.05	Casing Marker Joints	
16.06	Centralizers/Scratchers/Baskets	
16.07	Float Equipment	
16.08	Sand Screens	
16.09	Couplings, Casing	
16.10	Casing Accessories	
40	Chemicals: Paints	
40.01	Paints	
40.02	Protective Coatings, Internal/ External	
1	Civil Construction Equipment Spares	
1.01	Bulldozer Spares	
1.02	Loader Spares	
1.03	Tractor Spares	
1.04	Scraper Spares	
1.05	Grader Spares	
1.06	Crane Spares	
1.07	Bobcat Spares	
1.08	Packer Spares	
1.09	Truck Spares	
1.10	Backhoe Spares	
1.11	Misc Spares - Construction Equipment	
45	Communication Equipment & Accessories	
45.01	Radio Equipment	
45.02	Telephone Equipment	
45.03	Communication Cable & Connectors	
45.04	Microwave Equipment	
45.05	Satellite Equipment	
45.06	Telemetry Equipment	
45.07	Antennas, Masts & Towers	
45.08	Communications Equipment	

