



GREATER NILE PETROLEUM OPERATING COMPANY LTD.

Materials And Services Standard Categories

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Materials And Services Standard Categories

Code	Description	Notes
Capital Equipment		
AA	Airfield Equipment	
AA.01	Aviation Fuel Systems	
AA.02	Radio Equipment	
AA.03	Emergency Lights	
AA.04	Airfield Maintenance Equipment	
AB	Artificial Lift Equipment	
AB.01	BHP- Screw Pump	
AB.02	BHP - Screw pump Top Drive Unit	
AB.03	BHP - Submersible Electric	
AB.04	BHP - Submersible Electric Motor	
AB.05	ESP	
AB.06	ESP Instrumentation	
AB.07	Pumpjacks	
AB.08	Sucker Rods	
AC	Building S Trailers And Shelters	
AC.01	Fabricated Buildings	
AC.02	Heating, Ventilation And A/C	
AC.03	Homes	
AC.04	Portable Buildings	
AC.05	Shelters	
AC.06	Trailers	
AD	Camp Equipment	
AD.01	Clothes Washers & Dryers	
AD.02	Entertain & Recreation Equipment	
AD.03	Freezers, Self Contained	
AD.04	Furniture & Fixtures	
AD.05	Kitchen Appliances	
AD.06	Other Camp Equipment	
AE	Communication Equipment	
AE.01	Antennas, Masts & Towers	
AE.02	Communications Equipment	
AE.03	Microwave Equipment	
AE.04	Radio Equipment	
AE.05	Satellite Equipment	
AE.06	Telemetry Equipment	
AE.07	Telephone Equipment	
AF	Compressors, Fans And Blowers	
AF.01	Blowers	
AF.02	Compressors, Air	
AF.03	Compressors, Gas	
AF.04	Compressors, Gas Centrifugal	
AF.05	Fans, Air Washing	
AF.06	Fans, Exhaust	
AF.07	Turbo-Expander	

Materials And Services Standard Categories

Code	Description	Notes
Capital Equipment		
AG	Construction Equipment	
	AG.01 Backhoesag.02	
	AG.02 Bobcatsag.03	
	AG.03 Bulldozersag.04	
	AG.04 Cranesag.05	
	AG.05 Gradersag.06	
	AG.06 Loadersag.07	
	AG.07 Packersag.08	
	AG.08 Scrapersag.09	
	AG.09 Tractorsag.10	
	AG.10 Trucks	
AH	Data Processing And Computing Equipment	
	AH.01 Computer Monitors	
	AH.02 Computer Printers	
	AH.03 Computer Software	
	AH.04 Data Processing Communications Equip	
	AH.05 Magnetic Storage Media	
	AH.06 Network Equipment	
	AH.07 Personal Computers, Desktop	
	AH.08 Personal Computers, Laptop	
AI	Drilling And Service Rig Equipment	
	AI.01 Circulating System	
	AI.02 Electrical Equip	
	AI.03 Fishing Tools	
	AI.04 Handling Equipment	
	AI.05 Hoisting System	
	AI.06 Instrumentation	
	AI.07 Misc (Bldgs,Walks,Etc.)	
	AI.08 Power System	
	AI.09 Rotating System	
	AI.10 Well Control System	
AJ	Drivers	
	AJ.01 Engines - Diesel	
	AJ.02 Engines - Dual Fuel (Diesel And Crude)	
	AJ.03 Engines - Gasoline	
	AJ.04 Engines - Natural Gas	
	AJ.05 Motors - Electric	
	AJ.06 Turbines - Diesel	
	AJ.07 Turbines - Gas	
	AJ.08 Turbines - Steam	

Materials And Services Standard Categories

Code	Description	Notes
Capital Equipment		
AK	Electrical Equipment	
	AK.01 Electrical Test Equipment	
	AK.02 Generators	
	AK.03 Inverters	
	AK.04 Lighting Equipment	
	AK.05 Motor Control Centers	
	AK.06 Programmable Logic Centres	
	AK.07 Uninterrupted Power Supply	
AL	Fire Protection, Environment And Safety Equipment	
	AL.01 Air Breathing Apparatus	
	AL.02 Air Quality Monitor Equipment	
	AL.03 Control Equipment	
	AL.04 Detector Systems	
	AL.05 Fire Extinguishers	
	AL.06 Fire Fighting Equipment	
	AL.07 Fire Water Systems	
	AL.08 Foam Fire Fighting Systems	
	AL.09 Oil Spill Recovery Systems	
	AL.10 Potable Water Systems	
	AL.11 Sewage Treatment Systems	
	AL.12 Signalling Devices	
	AL.13 Waste Disposal Systems	
	AL.14 Water Quality Monitor Equipment	
AM	Geological And Geophysical Equipment	
	AM.01 Recording Equipment	
	AM.02 Seismic Vibrator Equip.	
	AM.03 Seismographic Equipment	
	AM.04 Shooting Equipment	
	AM.05 Surveying Equipment	
AN	High Pressure Valves	
	AN.01 Chokes	
	AN.02 Manifolds	
	AN.03 Valves, Ball	
	AN.04 Valves, Block Assemblies	
	AN.05 Valves, Butterfly	
	AN.06 Valves, Check	
	AN.07 Valves, Diaphragm	
	AN.08 Valves, Gate	
	AN.09 Valves, Globe	
	AN.10 Valves, Needle	
	AN.11 Valves, Pigging	
	AN.12 Valves, Plug	
	AN.13 Valves, Relief & Safety	
	AN.14 Valves, Solenoid	

Materials And Services Standard Categories

Code	Description	Notes
Capital Equipment		
AO	Instrumentation And Control Equipment	
	AO.01 Actuators And Operators	
	AO.02 Analyzers	
	AO.03 Annunciators	
	AO.04 Chromatographs	
	AO.05 Densitometers	
	AO.06 Emergency Shutdown Systems	
	AO.07 Local Accounting Meters	
	AO.08 Loggers, Data	
	AO.09 Meters, Positive Displacement	
	AO.10 Meters, Turbine	
	AO.11 Plc- Programable Logic Controller	
	AO.12 Recorders	
	AO.13 Rotometers	
	AO.14 Shutdown, Flame Failure	
	AO.15 Clibration Equipment	
	AO.16 Scada System	
AP	Laboratory Equipment	
	AP.01 Apparatus & Equipment	
	AP.02 Lab Chromatographs	
AQ	Marine Loading Equipment	
	AQ.01 Mooring Systems	
	AQ.02 Single Point Mooring Bouy	
AR	Material Handling Equipment	
	AR.01 Containers,Sea	
	AR.02 Hoists And Trolleys	
	AR.03 Labellers	
	AR.04 Lifting & Conveying Equipment	
	AR.05 Loading Arms And Racks	
	AR.06 Loading Terminals, Truck & Railcar	
	AR.07 Mobile Equipment	
	AR.08 Packing Machinery	
	AR.09 Pipe Racks	
	AR.10 Storage Racks	
	AR.11 Weight Scales	
AS	Office Equipment	
	AS.01 Drafting Equipment	
	AS.02 Furniture	
	AS.03 Office Machines	
	AS.04 Photographic Equipment	
	AS.05 Printing & Duplicating Equipment	

Materials And Services Standard Categories

Code	Description	Notes
Capital Equipment		
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	

Materials And Services Standard Categories

Code	Description	Notes
Capital Equipment		
	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
	AZ.02	Swabbing Equipment
	AZ.03	Tubing Drains
	AZ.04	Water Line Equip.(Slick Line)
BA	Wellhead Equipment	
	BA.01	Blow Out Preventor
	BA.02	Wellhead Equipment

Materials And Services Standard Categories

<i>Code</i>	<i>Description</i>	<i>Notes</i>
Capital Equipment		
BB	Workshop Equipment	
BB.01	Drilling Machines	
BB.02	Grinding Machines	
BB.03	Machine Shop Equipment	
BB.04	Painting Equipment	
BB.05	Special Purpose Equipment	
BB.06	Welding Equipment	

VENDOR DATABASE MANAGEMENT SYSTEM



GREATER NILE PETROLEUM OPERATING COMPANY LTD.

Materials And Services Standard Categories

Code	Description	Notes
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	Pumpjacks	
21.06	Pumpjack Bases	
21.10	Sucker Rods	
21.11	Sucker Rod Accessories	
21.12	Sucker Rod Ponies	
21.13	Polish Rods And Clamps	
21.14	Swedges And Bushings	
21.15	ESP Accessories	
21.16	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	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
64	Camp Equipment Supplies	
64.04	Batteries, Dry Cells, Flashlight	
64.05	Freezers, Self Contained	
64.06	Furniture & Fixtures	
64.07	Entertain & Recreation Equipment Parts	
64.08	Plumbing Fixtures	
64.09	Kitchen Accessories	
64.10	Clothes Washers & Dryers Spares	
64.11	Janitorial Supplies	
64.12	Bedding & Linens	
64.13	Dishes & Cutlery	
64.14	Cooking Utensils	
64.15	Soap Powders, Cleansers, Etc.	
64.16	Paper Products / Plastic Products	
64.17	Camping Material (Temporary)	
64.18	Gardening Supplies	
16	Casing And Accessories	
16.01	Conductor Pipe	
16.02	Casing	
16.03	Thread Protectors Casing	
16.04	Thread Compounds	
16.06	Casing Marker Joints	
16.07	Centralizers/Scratchers/Baskets	
16.08	Float Equipment	
16.09	Sand Screens	
16.10	Couplings, Casing	
16.11	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	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
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	
19	Completion Equipment	
19.01	Bottom Hole Pressure Gauges	
19.02	Casing Scraper	
19.03	Crossovers And Subs	
19.04	Packers, Retainers ,Bridge Plugs	
19.05	Perforating Equipment Spares	
19.06	Seating Nipples	
19.07	Sliding Sleeves	
19.08	Swabbing Equipment Spares	
19.09	Tubing Drains	
19.10	ubing Anchors	
19.11	Valve, Subsurface Safety (Api)	
19.12	Water Line Equip.(Slick Line) Parts	
62	Data Processing	
62.01	Computer Components	
62.02	Personal Computers, Laptop	
62.03	Networking Material	
62.04	Data Processing Communications Equip	
62.05	Magnetic Storage Media	
62.06	Computer Software	
62.07	Computer Monitors	
62.08	Printers Spares	
62.09	General Computer Accessories	
62.10	Small Computer Maintenance Tools	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
12	Drill Bits, Mills, Coring Equip Items	
12.01	Bits - Steeltooth	
12.02	Bits - Tungsten Insert	
12.03	Bits - Hammer	
12.04	Bits - Diamond	
12.05	Bits - Core	
12.06	Core Equipment Items	
12.07	Mills	
12.08	Nozzles	
12.09	Bits - Pdc	
12.10	Bits - Side Track	
13	Drill Pipe And Accessories	
13.01	Drill Pipe	
13.02	Drill Collars And Anchors	
13.03	Thread Protectors	
15	Drilling And Completion Chemicals	
15.01	Mud Material, Dry/Bulk	
15.02	Mud Chemicals	
15.03	Well Cement, Bulk	
15.04	Cement Additives	
15.05	Acid And Additives	
15.06	Thread Compounds	
14	Drilling Equipment Parts	
14.01	Fishing Tools	
14.02	Stabilizers, Jars And Shock Subs	
14.03	Crossovers And Subs	
14.04	Other Drilling Tools	
14.91	Spare	
10	Drilling Spares	
10.01	Power System Spares	
10.02	Hoisting System Spares	
10.03	Rotating System Spares	
10.04	Circulating System Spares	
10.05	Misc Equipment (Buildings, Walkways, Etc.)	
10.06	Well Control System Spares	
10.07	Electrical Equip Spares	
10.08	Handling Equipment Spares	
10.09	Instrumentation Spares	
27	Drivers Spares	
27.01	Engines - Natural Gas	
27.02	Engines - Diesel	
27.03	Motors - Electric	
27.04	Turbines - Gas	
27.05	Turbines - Diesel	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
27.06	Turbines - Steam	
27.07	Engines - Gasoline	
27.08	Engines - Dual Fuel (Diesel And Crude)	
27.10	Perkins Diesel Engine	
43	Electrical Equipment & Accessories	
43.01	Generators	
43.02	Uninterruptible Power Supply SYS.	
43.03	Switchgear & Circuit Breakers	
43.04	Panels, Cabinets & Consoles	
43.05	Transformers & Transducers	
43.06	Relays	
43.07	Capacitors	
43.08	Converters	
43.09	Resistors	
43.10	Arrestors & Fuses	
43.11	Cable & Connectors	
43.12	Coils	
43.13	Cable Tray Systems	
43.14	Wire	
43.15	Inverters	
43.16	Lighting Equipment & Lamps	
43.17	Electrical Tape	
43.18	Cathodic Protection	
43.19	Conduit And Fittings	
43.20	Generator Sets	
43.21	Motor Control Centers	
43.22	Programmable Logic Centres	
43.23	Tags, Electrical Identification	
43.24	Batteries, Dry Cells, Flashlight	
43.25	Heat Tracing	
43.26	Electrical Test Equipment	
43.27	Receptacles And Cord Ends	
43.28	Electrical Accessories	
43.29	Switches	
58	Environmental Monitoring & Protection E	
58.01	Oil Spill Recovery Systems	
58.02	Control Equipment	
58.03	Air Quality Monitor Equipment	
58.04	Waste Disposal Systems	
58.05	Water Quality Monitor Equipment	
58.06	Sewage Treatment Systems	
58.07	Potable Water Systems	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
63	Fasteners	
63.01	Bolts	
63.02	Screws	
63.03	Staples	
63.04	Washers And Nuts	
63.05	Rivets	
32	Filters	
32.01	Air Filters	
32.02	Duplex Filters	
32.03	Fuel Filters	
32.04	Gas Filters	
32.05	Glycol Filters	
32.06	Hydraulic Circuit Filters	
32.07	Oil Filters	
32.08	Water Filters	
32.09	Water Injection Filters	
57	Fire Protection & Safety Equip & Supplies	
57.01	Detectors	
57.02	Fire Water Systems	
57.03	Foam Fire Fighting Systems	
57.04	Fire Fighting Equipment	
57.05	Air Breathing Apparatus	
57.06	Respirators & Resuscitators	
57.07	Safety Apparel & Devices	
57.08	First Aid Supplies	
57.09	Medical Supplies	
57.10	Survival Kits & Gear	
57.11	Survival Suits	
57.12	Signalling Devices	
57.13	Fire Extinguishers	
57.14	Fire Protection	
57.15	Signs	
57.16	Material To Assit Training	
65	Food & Beverages	
65.01	Meats	
65.02	Fish	
65.03	Vegetables	
65.04	Fruit	
65.05	Frozen Products	
65.06	Milk & Diary Products	
65.07	Canned Goods	
65.08	Baked Goods	
65.09	Liquids	
65.10	Other Foodstuffs	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
53	Fuels And Lubricants	
53.01	Gasoline	
53.02	Diesel	
53.03	Aviation Fuels	
53.04	Propane	
53.05	Natural Gas	
53.06	Engine Oil	
53.07	Hydraulic Oil	
53.08	Gear Oil	
53.09	Transmission Fluid	
53.10	Grease & Packing Compounds	
53.11	General Lubricants	
53.12	Synthetic Lubricants	
53.13	Antifreeze Agents	
53.14	Pipeline, Trans	
5	Geological And Geophysical Equip Items	
5.01	Recording Equipment Spares	
5.02	Surveying Equipment Spares	
5.03	Shooting Equipment Spares	
5.04	Seismographic Equipment Spares	
5.05	Seismic Vibrator Equip. Spares	
5.06	Instrument Spares	
5.07	Explosives	
5.08	Tapes, Recording Paper	
5.09	Misc Items / Accessories	
5.10	Small Consumable Instruments	
6	Heating, Ventilation And A/C Spares	
6.01	Air Conditioner Spare Parts	
6.02	Chillers	
6.03	Condenser Units, General	
6.04	Condenser Units, Hazardous Area	
6.05	Fan Coils	
6.06	Fans, General	
6.07	Fans, Hazardous Area	
6.08	Filters For Hvac Equipment	
50	Hoisting & Securing Equipment	
50.01	Rope	
50.02	Wire Rope	
50.03	Chain	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
50.04	Web Slings	
50.05	Wire Rope Slings	
50.06	Connectors And Fittings	
50.07	Hoists And Trolleys	
42	Instrument / Control Equip & Accessories	
42.01	Actuators And Operators	
42.02	Densitometers	
42.03	Recorders	
42.04	Chromatographs	
42.05	Emergency Shutdown Systems	
42.07	Analyzers	
42.08	Analyzers, Net Oil	
42.09	Analyzers, Oxygen Stack	
42.10	Analyzers, Process	
42.11	Control Valve, Butterfly	
42.12	Control Valve, Disc	
42.13	Control Valve, Globe	
42.14	Control Valve ,Inactive Abatement	
42.15	Control Valve, Self-Cont Press	
42.16	Control Valve, Special Service	
42.17	Controller, Local Pneumatic	
42.18	Detection, Fire	
42.19	Detection, Gas	
42.20	Gauge Glasses	
42.21	Gauges, Pressure	
42.22	Gauges, Temperature	
42.23	Gauging, Tank	
42.24	Instrument Housing	
42.25	Level Controllers (Int/Ext)	
42.26	Level Switches (External Cage)	
42.27	Level Switches (Internal)	
42.28	Local Accounting Meters	
42.29	Loggers ,Data	
42.30	Meters, Positive Displacement	
42.31	Meters, Turbine	
42.32	Orifice Fitting And Meter Runs	
42.33	Orifice Plates	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
42.34	Potentiometers	
42.35	Recorders, Windspeed/Direction	
42.36	Rotometers	
42.37	Rtd's	
42.38	Rupture Discs	
42.39	Shutdown,Flame Failure	
42.4	Soleinactiveids	
42.41	Switches, Flow (Thermal)	
42.42	Switches, Flow (Vane)	
42.43	Switches, Temperature	
42.44	Switches, Vibration	
42.45	Switches, Thermocouple Alarm	
42.46	Thermocouples	
42.47	Thermowells	
42.48	Transmitters	
42.49	Tubing Fittings, Instrumentation	
42.50	Tubing, I nstrumentation	
42.51	Actuators/Operators, Valve	
42.52	Valve, Needle (Instrumentation)	
42.53	Valve, Relief (Pressure/Vacuum)	
42.54	Velocity Measuring Elements	
42.55	Annunciators	
42.56	Switches,Pressure	
42.57	Controllers, Remote Analog	
42.58	Plc- Programmable Logic Controller	
51	Laboratory Equipment & Supplies	
51.01	Lab Chromatographs	
51.02	Apparatus & Equipment	
51.03	Glassware & Lab Tools	
51.04	Sample Containers	
51.05	Lab Chemicals, Reagents & Chemicals	
51.06	Laboratory Furniture And Fixtures	
22	Line Pipe & Accessories	
22.01	Pipe,0Carbon Steel Smls	
22.02	Pipe,0Carbon Steel Erw	
22.03	Transition Pieces	
22.05	Coating, Internal/External	
22.06	Field Joint Coatings	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
22.07	Insulation & Cladding	
22.09	Weights - Pipeline	
22.10	Pigging	
22.11	Pipe, Stainless Steel	
22.12	Pipe, Ductile Iron	
22.15	Pipe, Aluminum	
22.16	Pipe, Fiberglass	
22.17	Pipe, Cement	
22.19	Pipe Specialties	
22.20	Pipe, Plastic	
22.21	Repair Accessories For Line Pipes	
55	Marine Loading Equip & Accessories	
55.01	Single Point Mooring Bouy	
55.02	Marine Loading Hoses	
55.03	Mooring Systems	
56	Material Handling Equip & Accessories	
56.01	Lifting & Conveying Equipment	
56.02	Packing Machinery	
56.03	Mobile Equipment	
56.04	Loading Terminals, Truck & Railcar	
56.05	Pipe Racks & Supports	
56.06	Storage Racks, Bins & Shelving	
56.07	Pallets	
56.08	Labels & Marking Supplies	
56.09	Weight Scales	
56.10	Metal Containers	
56.11	Non-Metal Containers	
56.12	Resource Material	
56.13	Packing Material	
56.14	Containers,Sea	
56.15	Loading Arms And Racks	
56.16	Thread Protectors	
3	Metals	
3.01	Structural Steel	
3.02	Galvanized Steel	
3.03	Stainless Steel	
3.04	Aluminum	
3.05	Brass	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
3.06	Lead	
3.07	Special Alloys	
3.08	Shafting	
3.09	Castings	
3.10	Forgings And Stampings	
3.11	Stairways And Walkways	
3.12	Fencing And Guardrails	
3.13	Grating And Meshes	
3.14	Pilings	
3.15	Caissons	
3.16	Hardware And Fasteners	
3.17	Culverts	
61	Office Equipment & Supplies	
61.01	Office Machines Supplies	
61.02	Printing & Duplicating	
61.03	Printing & Duplicating Supplies	
61.04	Drafting Equipment Supplies	
61.05	Furniture	
61.06	Forms And Printing	
61.07	Stationery	
61.08	Clerical Supplies	
61.09	Reference Material	
61.10	Photographic Equipment Supplies	
61.11	Awards & Promotional Items	
23	Pipe Fittings & Accessories	
23.01	Fittings, Cs Weld	
23.02	Flanges, Cs Weld	
23.03	Fittings ,FS Screwed / Socket weld	
23.04	Studs & Nuts	
23.05	Gaskets & Insulating Kits	
23.06	Fittings, SS	
23.07	Flanges, Forged SS	
23.08	Fittings, SS Screwed	
23.10	Fittings, Ductile Iron	
23.11	Fittings, Plastic	
23.13	Fittings, Aluminum, Copper, Brass	
23.14	Fittings, Fiberglass	
23.15	Fittings, Cement	
23.16	Hangers, Anchors, Shoes & Accessories	
23.17	Expansion Joints, Steel And Rubber	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
23.18	Hoses, Hose Fittings And Couplers	
23.19	Traps	
23.20	Strainers	
23.21	Nipples	
28	Power Transmission Parts	
28.01	Gear Boxes	
28.02	Belt Drive Systems	
28.03	Sheaves & Bushings	
28.04	Fluid Couplings	
28.05	Mechanical Couplings	
28.06	Mechanical Seals	
28.07	Mechanical Packing	
28.08	Shafts	
28.09	Bearings	
28.10	Oil Seals	
28.11	Lubricators	
31	Pressure Vessels	
31.02	Treaters	
31.03	Dehydrators	
31.04	Scrubbers	
31.05	Boilers	
31.06	Fractionation Columns	
31.07	Reactors	
31.08	Refrigeration Vessels	
31.09	Insulation & Cladding, Vessels	
31.11	Beads	
31.12	Trays	
31.13	Air Dryers	
31.14	Mist Eliminators	
31.15	Packing, Pressure Vessel	
31.16	Separators, In-Line	
31.17	Steam Generators	
31.18	Vessels, 2" Wall And Over	
31.19	Vessels, Less Than 2" Wall	
31.20	Vessels, Low Temperature	
52	Process Chemicals, Catalysts & Compounds	
52.01	Glycols	
52.02	Process Catalysts & Absorbants	
52.03	Oil & Gas Treating Chemicals	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
52.04	Tower & Filter Packing Material	
52.05	Water Pre-Treatment Chemicals - Potable	
52.06	Amines	
52.07	Boiler & Cooling Water Chemicals	
52.08	Corrosion Inhibitors	
52.09	Herbicides & Soil Sterilizers	
52.10	Odorants	
52.11	Industrial Cleaning Materials	
52.12	Other Compounds	
52.13	Sealants	
52.14	Bonding Material (Glue & Adhesive)	
52.15	Liquid Leak Detectors	
52.16	Corrosion Testing Chemicals	
52.17	Reagents & Chemicals	
52.18	Water Pre-Treatment Chemicals - Process/Waste	
30	Process Equipment & Accessories	
30.01	Exchangers, General	
30.02	Exchangers, Aerial Coolers	
30.03	Towers, Contactor	
30.04	Water Treating Systems	
30.05	Heaters, Fired	
30.06	Heaters, Line	
30.08	Towers, Cooling	
30.09	Arrestors, Flame	
30.10	Flare Stacks & Igniters	
30.11	Stacks, Incinerator	
30.12	Extruders, Planetary	
30.13	Mixer, Chemical	
30.18	Insulation & Cladding	
30.19	Refractory Material	
30.20	Chemical Feed Injection Packages	
30.21	Burners, Acid Gas	
30.22	Exchangers, Brazed Aluminum	
30.23	Exchangers, Fin Tube	
30.24	Exchangers, Plate	
30.25	Exchangers, Shell And Tube	
30.26	Exchangers, Spiral	
30.27	Filters, Chemical	
30.28	Filters, General	
30.29	Filters, Process	
30.30	Strainers, Process	
30.31	Metering W/Pumps And Treatment Equip	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
26	Pump Spares	
26.01	Pumps, Centrifugal	
26.02	Pumps, Positive Displacement	
26.03	Pumps, Progressive Cavity	
26.04	Pumps, Hydraulic	
26.05	Pumps, Water Submersible	
26.06	Pumps, Utility	
26.07	Pumps, Injection	
26.08	Pumps, Diaphragm	
26.09	Pumps, Sulphur	
26.10	Pumps, Vertical Turbine	
26.11	Pumps, Fire Water	
26.12	Pumps, Reciprocating	
26.13	Pumps, Special Applications	
26.14	Rotary Pivots	
26.15	Pumps, Transfer	
25	Rotating Equip. Spares: Compressors, Fans, Blowers Spares	
25.01	Compressors, Air	
25.02	Compressors, Gas	
25.03	lowers	
25.04	Fans, Air Washing	
25.05	Fans, Exhaust	
25.06	Compressors ,Gas Centrifugal	
25.07	Turbo-Expander	
59	Security Equipment/Accessories & Supplies	
59.01	Electronic Surveillance Equip.	
59.02	Identification Badge Equipment	
59.03	Special Use Equipment	
59.04	Locking Devices	
11	Service Rig Spares	
11.01	Power System Spares	
11.02	Hoisting System Spares	
11.03	Rotating System Spares	
11.04	Circulating System Spares	
11.05	Misc Equipment (Buildings, Walkways, etc.)	
11.06	Well Control System Spares	
11.07	Electrical Equip Spares	
11.08	Handling Equipment Spares	
11.09	Instrumentation Spares	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
4	Shelters And Covering Material	
4.01	Portable Buildings	
4.02	Fabricated Buildings	
4.03	Temporary Shelters And Covers	
4.04	Trailers	
4.05	Homes	
4.06	Tents	
4.07	Spares For Heating, Ventilation And A/C	
60	Shop Equipment, Tools & Supplies	
60.01	Machine Shop Equipment	
60.02	Hand Tools	
60.03	Hose, Hose Fittings	
60.04	Welding Equipment Supplies	
60.05	Painting Material Apart From Paints	
60.06	Shop Supplies & Accessories	
60.07	Special Purpose Equipment	
60.08	Bearings, Filters, Seals For Shop Equipment	
60.09	Machine Shop Supplies	
60.10	Reference Manual	
60.11	Filters	
60.12	Fasteners	
60.13	Brass Fitting For Hose/Tube	
60.14	Fitting Hydraulic Tubing	
60.20	Machine Shop Work	
60.30	Press Washer Landa	
29	Storage Tanks And Vessels Parts	
29.01	Tanks, Field Erected	
29.02	Tanks, Shop Fabricated	
29.03	Tanks, Underground	
29.04	Tanks, Flare Knock-Out	
29.05	Tanks, Fiberglass	
29.06	Tanks, Pressure Storage Bullet	
29.07	Tanks, Accessories	
29.08	Tanks, Other Knockout	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
18	Tubing And Accessories	
18.01	Tubing	
18.02	Pup Joints, Tubing	
18.03	Couplings, Tubing	
18.04	Thread Protectors	
18.05	Thread Compounds	
18.06	Tubing Accessories	
24	Valves	
24.01	Valves, Gate	
24.02	Valves, Globe	
24.03	Valves, Ball	
24.04	Valves, Butterfly	
24.05	Valves, Plug	
24.06	Valves, Check	
24.07	Valves, Block Assemblies	
24.08	Valves, Relief & Safety	
24.09	Valves, Needle	
24.10	Valves, Solenoid	
24.12	Valves, Pigging	
24.13	Manifolds	
24.16	Chokes	
24.18	Valves, Diaphragm	
24.19	Valves, 3/5way Equalizing	
24.20	Valves, Plastic	
66	Vehicles	
66.01	Spares For Cars	
66.02	Spares For Trucks, Light 1 Ton Or Less	
66.03	Spares For Trucks, Heavy Duty Over 1 Ton	
66.04	Spares For Trailers	
66.06	Spares For Heavy Tandem Trucks	
66.08	Spares For Semi Tandem Trucks	
66.10	Spares For Boats & Barges	
66.12	Spares For Rail Cars And Locomotives	
66.13	Spares For Fixed Wing Aircraft	
66.14	Spares For Rotary Aircraft	

Materials And Services Standard Categories

Code	Description	Notes
Goods		
66.15	Spares For All Terrain Vehicles (Quads)	
66.16	Spares For Tracked Vehicles (Bombardier)	
66.17	Misc Repair Parts And Supplies For Vehicles	
66.18	Parts Manual	
66.19	Spares For Bus	
66.21	Bicycles Parts	
66.30	A/C Hose Fitting's & Parts For Vehicles	
66.99	Tires	
17	Wellhead Equipment And Accessories	
17.01	Heads/Spools/Adapters/Bonnets	
17.02	Seals/Slips/Hangers	
17.03	Wellhead Fittings	
17.04	Blowout Preventers	
17.05	Stuffing Boxes	
17.06	Wellhead Accessories	
17.07	Wellhead Spares	

GREATER NILE PETROLEUM OPERATING COMPANY LTD.

Materials And Services Standard Categories

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	
C1.62	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	

Materials And Services Standard Categories

Code	Description	Notes
Services		
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	
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-Wireline	
D1.77	Gyrodata /Gyro Survey	
D1.78	Maintenance - Drilling Equipment	
D1.79	Mud Engineering	

Materials And Services Standard Categories

Code	Description	Notes
Services		
D1.80	Mud Logging	
D1.81	Pipe Threading	
D1.82	Provision Of Drilling Bits & Nozzles	
D1.83	Repair / Rental Of Proprietary / Drilling Equipment	
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	Wireline Logging & Perforation Services	
D1.90	Equipment & Services-Drilling Fluid Services	
D1.91	Maintenance - Production Equipment	
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	Petroleum Related	

Materials And Services Standard Categories

Code	Description	Notes
Services		
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
	M2.63	Semi Skilled Technical / Non-Technical
P1	Projects	
	P1.61	Field Production Facility (FPF)
	P1.62	Pipeline Project Facility (PPF)
	P1.63	Field Service Facility (FSF)
	P1.64	Field Improvement Projects (FIP)
	P1.65	Power Plant
	P1.66	Consultancy And/Or PMC - Power Plant
	P1.67	Consultancy And/Or PMC – Others
Q1	Quality Assurance	
	Q1.61	Calibration & Certification Service-Instrumentation
	Q1.62	Calibration & Certification-Equipment
	Q1.63	NDT & General Inspection Services
	Q1.64	Pipeline Inspection
S1	Seismic Services	
	S1.61	Seismic Data Acquisition
	S1.62	Seismic Data Processing/Reprocessing
	S1.63	Seismic Interpretation Services
	S1.64	Seismic Interpretation/Mapping System
	S1.65	Seismic Modeling
	S1.66	Survey Personnel/Equipment
	S1.67	Well Seismic/Velocity Survey
T1	Telecommunications	
	T1.61	Equipment Rental & Services
	T1.62	New Installation, Maintenance, Repair & Overhaul
	T1.63	Satellite Services

Materials And Services Standard Categories

Code	Description	Notes
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Services		
T2	Transportation And Logistics	
T2.61	Administrative / Legal / Logistics / Travel / Courier Services	
T2.62	Automotive	
T2.63	Automotive-Repair & Servicing	
T2.64	Aircraft	
T2.65	Marine Vessels	
T2.66	Freight Forwarding	
T2.67	Equipment Transportation & Logistics Services	



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