

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 01-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-01-0001	VARIOUS PIPES FOR GENERAL MAINTENANCE & REPAIR WITH SHRINKABLE SLEEVES.	12	ITEM	General operations and maintenance in all NOC operating areas	Unable to determine
08-8-01-01-0002	VARIOUS PIPES FITTINGS FOR GENERAL MAINTENANCE & REPAIR.	63	ITEM	As above	Unable to determine
08-8-01-01-0003	VARIOUS FLANGES FOR GENERAL MAINTENANCE & REPAIR.	53	ITEM	As above	Not Notifiable
08-8-01-01-0004	VARIOUS VALVES FOR GENERAL MAINTENANCE & REPAIR.	72	ITEM	As above	Unable to determine
08-8-01-01-0005	VARIOUS STUD BOLTS FOR GENERAL MAINTENANCE & REPAIR.	17	ITEM	As above	Not Notifiable
08-8-01-01-0006	SPARE PARTS FOR 11KV SWITCH GEAR	300	NOS.	As above	Probably not Notifiable
08-8-01-01-0007	SPARE PARTS FOR VARIOUS PUMPS AT VARIOUS LOCATIONS .	11	ITEM	As above	Unable to determine
08-8-01-01-0008	SPARE PARTS FOR AIR COMPRESSORS	100	ITEM	As above	Unable to determine
08-8-01-01-0009	- STEAM TRAPS FOR PROCESS PLANTS.	600	NOS.	As above	Unable to determine
	- SPARE PARTS FOR BOILERS .	5	ITEM		Probably not notifiable
08-8-01-01-0010	MATERIALS FOR HEAT EXCHANGERS AT PROCESS PLANTS.	9	ITEM	As above	Unable to determine
08-8-01-01-0011	SPARE PARTS FOR PUMPS AT WATER INJECTION PLANT.	9	ITEM	As above	Unable to determine
08-8-01-01-0012	SPARES FOR SOLAR GAS TURBINE & COMPRESSOR AT (AB4,5,6,7)	20	ITEM	Specifically for the ZAB plant	Unable to determine
08-8-01-01-0013	SPARES FOR HITACHI GAS TURBINES	50	ITEM	General operations & maintenance	Unable to determine
08-8-01-01-0014	SPARES FOR SOLAR GAS COMP. FOR 3 SET (GAS COMP.)	30	ITEM	As above	Unable to determine
08-8-01-01-0015	repair of gas starting turbine, gas compressor rotor abroad & supply of special tools for maintenance	15	ITEM	As above	Unable to determine

NOTE: The Phase VIII Oil spares distribution plan has been approved by the Secretary-General, and reviewed by the Security Council Committee established by resolution 661 (1990). Pursuant to paragraph 18 of resolution 1284 (1999) and paragraph 9 of resolution 1302 (2000) the Security Council Committee has determined those Sector Item Codes for which applications are to be circulated to the Committee. These Sector Item Codes are shaded in blue. Applications related to the remaining Sector Item Codes, i.e. those that are not shaded, can be approved by the Group of Experts, provided they do not contain items that are on the "1051 list".

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ESTABLISHMENT NAME : NORTH OIL COMPANY
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PROJECT 01-01 : MAINTENANCE & OPERATION
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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-01-0016	SPARE PARTS FOR ELEC. GENERATOR WAUKASHA	3	SET	Compressor station repairs	Unable to determine
08-8-01-01-0017	SPARE PARTS FOR GAS COOLERS .	10	ITEM	Compressor station repairs	Unable to determine
08-8-01-01-0018	ELECTRICAL SPARE PARTS FOR RUSTON TURBINE AT K2W PUMPING STATION.	50	NOS.	Havana pumping station maintenance	Unable to determine
08-8-01-01-0019	SPARES FOR L.V & M.V ELECTRICAL PANELS & ACCESSORIES FOR UNDERGROUND GAS STORAGE PLANT.	10	ITEM	Baba underground LPG storage facility	Unable to determine
08-8-01-01-0020	REQUIREMENTS OF POWER GENERATING SETS :-				Unable to determine
	- REPAIR OF EXISTING STEAM TURBINES	2	SET	Existing old power station	
	- SPARE PARTS FOR 2X20MW GAS TURBINES	2	SET	Phase 4 power station	
	- SPARE PARTS FOR 2X10MW GAS TURBINES	2	SET	Baba and Zab power station	
	- SPARE PARTS FOR 2X2.5 MVA DIESEL GENERATORS AT AIN ZALA AND SUFAYA.	2	SET	Phase 5 power station	
08-8-01-01-0021	MEASURING & MAINTENANCE EQUIPMENT TOOLS.	300	NOS.	For hydraulic pumps	Unable to determine
08-8-01-01-0022	SUPPLY OF CABLE LAYING MACHINERY & EQUIPMENT.	50	NOS.	For mains electrical supply	Unable to determine
08-8-01-01-0023	ELECTRICAL WORKSHOP TO ACCOMMODATE EXISTING ELECTRICAL MOTORS REWINDING EQUIPMENT ,STEEL STRUCTURE INCLUDING OVER-HEAD CRANES & ALL ACCESSORIES.	100	ITEM	New structures with overhead cranes and gantries to maintenance to large electrical motors	Unable to determine
08-8-01-01-0024	MOBILE WORKSHOPS INCLUDING ALL ACCESSORIES , TOOLS ENSURING TOOLS ,DIESEL GENERATORS...ETC. (ON TRUCKS) WITH SPARES (K3/ BAI HASSAN/ JAMBUR / KIRKUK).	4	NOS.	Mobile workshop requirements additional to those in Phase 7.	Unable to determine

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PROJECT 01-01 : MAINTENANCE & OPERATION
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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-01-0025	HAND CHAIN HOISTS TO COVER THE REQUIREMENTS OF N.O.C. milling machine threading machine punching machine,	140	NOS.	Maintenance requirements	Not Notifiable
		1			
		2			
		1			
08-8-01-01-0026	SPARE PARTS REQUIRED FOR THE ASPHALT PLANT, MODEL (BA 1500) , BATCH PLANT (P 8554)	78	ITEM	These plants are situated in the SHURAU degassing station.	Probably not Notifiable
08-8-01-01-0027	VARIOUS TOOLS: PULLERS, TOOLS SETS AND SPANNERS	188	SET	Maintenance requirements	Unable to determine
08-8-01-01-0028	WELDING ELECTRODES FOR VARIOUS MATERIALS	13400	KG.	Maintenance requirements	Unable to determine
08-8-01-01-0029	LAMPS (VARIOUS TYPES)	30000	NOS.	Lighting requirements	Not Notifiable
08-8-01-01-0030	LIGHTING FIXTURES WITH LAMPS (VARIOUS TYPES)	1000	NOS.	Light fittings	Not Notifiable
08-8-01-01-0031	MEDIUM VOLTAGE CABLES FOR REPAIR OF ELECTRICAL NETWORK	60	KM.	Maintenance requirements	Probably not notifiable
08-8-01-01-0032	BRASS & OIL BRONZE	2000	NOS.	Workshop consumables	Not notifiable
08-8-01-01-0033	EXPANDING PIPE STOPPERS AND GAS STOPPING BAGS (BALLOONS)	23	ITEM	Pipework requirements	Not notifiable
08-8-01-01-0034	PIPE LOCATORS	2	ITEM	Pipework requirements	Probably not notifiable
08-8-01-01-0035	SPARE PARTS FOR TAPPING MACHINES AND PIPE CUTTERS	36	ITEM	Pipework requirements	Probably not notifiable
08-8-01-01-0036	VARIOUS MATERIALS FOR REPAIR OF DEFECTS IN OIL AND WATER TANKS	13	ITEM	Tank maintenance requirements	Probably not notifiable
08-8-01-01-0037	BEARINGS FOR GENERAL MAINTENANCE (VARIOUS TYPES)	80	ITEM	Maintenance requirements	Not Notifiable
08-8-01-01-0038	SPARE PARTS FOR DIGITAL RADIO SYSTEM IT2A-AZ-MS	30	NOS.	Ain Zalah - MS repeater station	Probably not notifiable
		1	SET		

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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-01-0039	SPARES FOR MULTI CHANNEL RADIO	150	NOS.	Maintenance of existing comms	Probably not notifiable
08-8-01-01-0040	SPARES FOR SINGLE CHANNEL RADIO RELAY	40	NOS.	Maintenance of existing comms	Probably not notifiable
08-8-01-01-0041	SPARE PARTS FOR SWITCHING SYSTEM (TELEPHONE EXCHANGE)	10	ITEM	Maintenance of existing telephone exchanges	Unable to determine
08-8-01-01-0042	ELECTRICAL SPARE PARTS FOR DESALTORS & DEHYDRATORS AT SADDAM OIL FIELD	15	ITEM	Maintenance of surface process plants at Saddam oil field	Unable to determine
08-8-01-01-0043	REPAIR OF SADDAM OIL FIELD RIVER PUMP STATION	80	ITEM	Repair of water intake for field injection	Unable to determine
08-8-01-01-0044	MEASURING & CONTROL INSTRUMENTS FOR DEGASSING STATIONS (BAI HASSAN , JAMBOUR , JABAL BOUR)	150	ITEM	Maintenance of instrumentation at degassing stations	Unable to determine
08-8-01-01-0045	HEAT EXCHANGERS REPAIR (TOOLS AND EQUIPMENT) WITH ALL ACCESSORIES	52	ITEM	Maintenance of heat exchangers	Unable to determine
08-8-01-01-0046	SUPPLY OF ELECTRICAL EQUIPMENT & MATERIALS :- - EQUIPMENT FOR MOTORS REWINDING WORKSHOP - ELECTRICAL MATERIALS WITH ACCESSORIES	300 5	NOS.	Maintenance of electrical motors	
					Unable to determine
			ITEM		Unable to determine
08-8-01-01-0047	METERS FOR AIN ZALAH OIL FIELD WITH RECOMMENDED SPARE PARTS	22	NOS.	Maintenance of metering systems for operational control purposes	Unable to determine
08-8-01-01-0048	MEASUREMENT INSTRUMENT & CONTROL SYSTEM FOR SUFAYA OIL FIELD (TOOL BOX FOR TECHNICIANS)	2	KIT	Technician's toolboxes	Unable to determine
08-8-01-01-0049	SUPPLY OF NI – CD BATTERIES 48 VDC 350 AH	8	SET	Replacement of damaged items	Not notifiable

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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-01-0050	SPARE PARTS FOR INDUSTRIAL AIR CONDITIONING EQUIPMENT	700	NOS.	Maintenance of air conditioners	Unable to determine
08-8-01-01-0051	DOUBLE REDUCTION WORM GEAR (COMPLETE ASS.) , FOR OPERATION OF 16" AUDCO LUBRICATED VALVE CLASS 600 FOR K3 & T1 PUMPING STATIONS 16" plug valve class 600 with gear assembly	6	NOS.	Repair of valves at K3 and IT-1 pumping stations on the Iraq Turkey Pipeline	Probably not notifiable
08-8-01-01-0052	MOBILE WORKSHOP TRUCK (FOR OPERATION FACILITIES) WITH RECOMMENDED SPARE PARTS AND THE FOLLOWING SPECIFICATIONS :- - SUITABLE TRUCK CHASSIS, DOUBLE CAB FOR (6) PERSONS, AIR CONDITIONED, DIESEL ENGINE - MOBILE WORK SHOP EQUIPMENT CONSISTING OF (5) TON CRANE, AIR COMPRESSOR , SLUDGE PUMP, WELDING SET, ELECTRIC GENERATOR, GRINDER, GREASE PUMP & HAND TOOLS	1	NO.	Workshop for the field production field department based at K1	Unable to determine
08-8-01-01-0053	SPARE PARTS FOR PUMPS AND VALVES FOR PUMPING STATIONS PETROL, GROVE, PLUG & GATE VALVES, LP/HP MATHER & PLAT PUMPS & BOOSTER PUMPS	40 146	SET NOS.	Various spares for pumps	Unable to determine
08-8-01-01-0054	MOBILE WORKSHOP WITH PLATFORM FOR MAINTENANCE AND REPAIR OF TELECOMMUNICATION CABLE NETWORKS	1	UNIT	Workshop for maintenance of communication networks	Unable to determine

MINISTRY OF OIL**SHEET NO.: 6 OF 22****ESTABLISHMENT NAME : NORTH OIL COMPANY****LOCATION : ALL AREAS****PROJECT 01-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-02-0075	REPLACEMENT OF OBSOLETE CHARGER & UPS AT IT1 WITH SPARES	1	Item	Maintenance of UPS system at IT-1 on the Iraq Turkey pipeline	Probably not notifiable
08-8-01-02-0076	REPLACEMENT OF OBSOLETE CHARGER & UPS AT KHABAZ OIL FIELD WITH ALL RECOMMENDED SPARE PARTS	1	SET	Maintenance of UPS system at Khabaz oil field	Probably not notifiable
08-8-01-02-0077	INSTRUMENTATION FOR IRAQI TURKEY PIPE LINE STATIONS	100	ITEM	Replacement of obsolete ITP units	Unable to determine
08-8-01-02-0078	REPLACEMENT OF CONTROL & MEASURING INSTRUMENTS FOR UNIT (11) AT PROCESS PLANT	100	ITEM	Replacement measuring equipment at Unit 11 in the IT-1 area - ITP	Unable to determine
08-8-01-02-0079	REPLACEMENT OF PROTECTION & SEQUENCING CONTROL SYSTEM FOR CRUDE PROCESSING UNITS AT PROCESS PLANTS	100	ITEM	Repair and maintenance requirements	Unable to determine
08-8-01-02-0080	MEASURING & CONTROL INSTRUMENTS FOR HORTON SPHERES AT AVANAH PUMPING STATION & PROCESSING PLANTS	100	ITEM	Repair and maintenance requirements	Unable to determine
08-8-01-02-0081	SAFETY VALVES FOR VARIOUS EQUIPMENT AT PROCESS PLANTS	158	NOS.	Repair and maintenance requirements	Unable to determine
08-8-01-02-0082	STEAM TURBINES FOR PROCESS PLANTS	8	NOS.	Back-up power supply requirement	Unable to determine
08-8-01-02-0083	REPLACEMENT OF OBSOLETE VALVES & ELECTRIC VALVE ACTUATORS	40	NOS.	Repair and maintenance requirements	Unable to determine
08-8-01-02-0084	REPLACEMENT OF OUT DOOR (66KV/110V)VOLTAGE TRANSFORMERS FOR 66KV SWITCH GEARS	9	NOS.	Repair and maintenance requirements	Probably not Notifiable

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**PROJECT 01-02 : REHABILITATION / REVAMPING OF EXISTING
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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-02-0085	SPARES FOR BOOSTER AND LOW LIFT PUMPS 33KV AND 0.4KV SWITCH BOARD	250	NOS.	Repair & maintenance requirements at NOC water injection plant	Unable to determine
08-8-01-02-0086	REPLACEMENT OF EXISTING OBSOLETE EMERGENCY DIESEL GENERATOR 150KVA,IN WATER INJECTION PLANT WITH SPARES	1	NO.	Repair & maintenance requirements at NOC water injection plant	Probably not notifiable
08-8-01-02-0087	MEASURING & CONTROL INSTRUMENTS FOR PUMPS & CONTROL ROOM AT WATER INJECTION PLANT	10	ITEM	Repair & maintenance requirements at NOC water injection plant	Probably not notifiable
08-8-01-02-0088	BORE HOLE PUMPS TO REPLACE OBSOLETE ONES	10	SET	Repair & maintenance requirements at NOC water injection plant	Unable to determine
08-8-01-02-0089	DIESEL GENERATING SETS FOR GAS COMPRESSOR STATIONS AB1, AB5, AB6 & DEGASSING STATIONS, SARALU, SARBASHAKH, NORTH WEST AVANAH WITH SPARES	7	SET	Maintenance and rehabilitation requirements	Probably not notifiable
08-8-01-02-0090	RETROFIT OF OBSOLETE HITACHI GAS TURBINE & STATIONS CONTROL SYSTEMS OF AB8 GAS COMPRESSOR STATION	1	SET	Maintenance and rehabilitation requirements	Unable to determine
08-8-01-02-0091	FIELD MEASURING & CONTROL INSTRUMENTS FOR GAS COMPRESSOR STATIONS (AB1 ,2,3,4,5,6,7 & 8)	100	ITEM	Maintenance and rehabilitation requirements	Unable to determine
08-8-01-02-0092	INSTRUMENTS & CONSTRUCTION MATERIALS FOR NEW GAS COMPRESSOR PACKAGE AT AB8	100	ITEM	Maintenance and rehabilitation requirements	Unable to determine
08-8-01-02-0093	FLOW METERING SYSTEM OF GAS & CRUDE OIL AT BAI HASSAN, JAMBOUR , JASTAN, BABA ...ETC.) STATIONS	100	ITEM	Maintenance and rehabilitation requirements	Unable to determine

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**PROJECT 01-02 : REHABILITATION / REVAMPING OF EXISTING
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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-02-0094	REHABILITATION OF FUEL GAS TREATMENT FOR GAS COMPRESSOR AND PUMPING STATIONS	2	ITEM	Rehabilitation requirements at AB-4 and K3 installations	Unable to determine
08-8-01-02-0095	MATERIALS FOR 33 KV OVER HEAD LINES CONSTRUCTION AT K3 PUMPING STATION	700	NOS.	Rehabilitation requirements at K3 installation	Unable to determine
08-8-01-02-0096	11 KV PACKAGE SUBSTATION FOR POWER GENERATION PLANT (BABA) WITH ALL ACCESSORIES	100	ITEM	Maintenance requirements for K1, K3 and associated surface installations	Unable to determine
08-8-01-02-0097	RETROFIT OF THE CONTROL SYSTEM AT K1 PUMPING STATION	100	ITEM	K1 control system repairs	Unable to determine
08-8-01-02-0098	CORRUGATED METAL SHEETS TO COVER THE REQUIREMENTS OF ERECTION OF NEW SHEDS FOR VARIOUS USES	25000	NOS.	K1 control system repairs	Probably not Notifiable
08-8-01-02-0099	HEAT EXCHANGERS REPAIR (TOOLS AND EQUIPMENT) WITH ALL ACCESSORIES	52	ITEM	K1 / K3 repairs	Unable to determine
08-8-01-02-0100	AIR COMPRESSOR FOR K3/K1 PUMPING STATION WITH RECOMMENDED SPARE PARTS	10	NOS.	K1 / K3 repairs	Unable to determine
08-8-01-02-0101	VARIOUS PUMPS FOR K1 & K3 PUMPING STATIONS	15	NOS.	K1 / K3 repairs	Unable to determine
08-8-01-02-0102	AIR COMPRESSOR WITH DRYER UNIT FOR SFAYA OIL FIELD WITH RECOMMENDED SPARE PARTS	10	NOS.	Compressor maintenance requirements	Unable to determine
08-8-01-02-0103	SUBMERSIBLE ELEC. PUMP FOR WATER INJECTION PLANT , KIRKUK FIELD , USED FOR RAW WATER WITH RECOMMENDED SPARE PARTS	3	NOS.	Raw water intake pump maintenance at Kirkuk water injection plant	Unable to determine

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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-02-0104	ARCHIVING SYSTEM FOR RESERVOIR , GEOLOGICAL AND ENGINEERING APPLICATIONS	2	SET	Archiving system for reservoir studies - old records deteriorating rapidly	Unable to determine
08-8-01-02-0105	SUPPLY OF 33 KV PACKAGE SUBSTATIONS WITH ACCESSORIES AT BAI HASSAN NORTH & DAWOOD	2	NOS.	Electrical substations for wet crude processing installations	Unable to determine
08-8-01-02-0106	PUMPS FOR TREATMENT UNIT, SUFYA OIL FIELD WITH RECOMMENDED SPARE PARTS :-			Pumps for processing station	
	- CRUDE OIL PUMP FOR THE KNOCK OUT DRUM	1	NOS.		Unable to determine
	- RECOVERED OIL PUMP FOR WATER TREATMENT UNIT	1	NOS.		Unable to determine
	- DEOILED WATER PUMP FOR WATER TREATMENT UNIT	1	NOS.		Unable to determine
08-8-01-02-0107	- ELECTRONIC PABX (20) EXTENSIONS , 4 TRUNK LINES	12	NOS.	Telephone exchange	Unable to determine
	- ONE FULL ELECTRONIC DIGITAL PABX WITH CONNECTION FACILITY BETWEEN TRUNK LINES AND BILLING SYSTEM	1	NOS.	PABX system	Unable to determine
	- LATEST VERSION OF FACSIMILE MACHINE OPERATING	25	NOS.	Large paper size fax machines	Not Notifiable
	- UNDERGROUND ARMoured CABLE POLYTHENE INSULATED	30	KM.	Cabling requirements	Unable to determine
08-8-01-02-0108	DUPLICATED RECTIFIER / BATTERY CHARGER ,48 V DC WITH ACCESSORIES & SPARES FOR AZ & MS	4	SET	Electrical equipment for MS-1 / Ain Zalah communications	Probably not Notifiable
08-8-01-02-0109	SOLAR POWER SUPPLY SYSTEM FOR ITP	3	SET	ITP power requirements	Probably not Notifiable
08-8-01-02-0110	DIGITAL RADIO LINKS (VARIOUS SIZES) WITH SPARES FOR DRILLING LOCATIONS	10	LINK	Radio Links for drilling teams	Unable to Determine
08-8-01-02-0111	WALKIE – TALKIE (HAND HELD) TO REPLACE OBSOLETE EXISTING SETS	12	NOS.	Internal control requirements in tank farms and on pipelines	Probably not Notifiable

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CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-02-0112	MULTIPHASE FLOW METER & SPARES FOR WELL TESTING	2	SET	Flow meters for well testing	Unable to Determine
08-8-01-02-0113	SLOP PUMP COMPLETE UNIT FOR METERING STATION (MS), CAPACITY : 15 M3/HR , HEAD : (300) M WITH RECOMMENDED SPARE PARTS	1	NOS.	Slop pump for MS-1 metering station	Unable to Determine
08-8-01-02-0114	REPLACEMENT OF DAMAGED ELECTRICAL PARTS IN VARIOUS SUBSTATIONS (CONTRACTORS, OVERLOADS , SOFT STARTING & TIMERS...ETC)	3000	item	Electrical repair and maintenance requirements throughout NOC region	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH OIL COMPANY
LOCATION : ALL AREAS / DRILLING
PROJECT 01-03 : SUSTAINING & ENHANCING PRODUCTION CAPABILITIES
SHEET NO.: 11 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-03-0125	CASING & TUBING (VARIOUS SIZES, GRADES AND WEIGHTS)	280	KM.	For drilling and workover on 70 wells	Unable to Determine
08-8-01-03-0126	CASING ACCESSORIES (VARIOUS) FOR DRILLING 30 WELLS	8000	NOS.	Accessories for drilling 30 wells	Unable to Determine
08-8-01-03-0127	ROCK BITS (VARIOUS) & NOZZLES (VARIOUS) FOR DRILLING 70 WELLS	1500	NOS.	Bits and nozzles for 70 wells	Not Notifiable
08-8-01-03-0128	MUD MATERIALS FOR DRILLING 70 WELLS	30000	TON	Consumables for 70 wells	Unable to Determine
08-8-01-03-0129	WELL HEADS & X-MASS TREES WITH ALL ACCESSORIES & SPARE PARTS(VARIOUS) FOR DRILLING 70 WELLS	70	ASS.	Surface equipment for 70 wells	Unable to Determine
08-8-01-03-0130	DRILLING SERVICES CONTRACT FOR DRILLING HORIZONTAL WELLS IN SADDAM FIELD	5	CONTRACT	TSC for drilling 5 horizontal wells in Saddam field	Unable to Determine
08-8-01-03-0131	X-MASS TREES & TUBING SPOOL WITH ALL ACCESSORIES AND SPARE PARTS (VARIOUS) & DSA'S ACCESSORIES & SPARES FOR WORKOVER 30 WELLS	40	ASS.	Requirements for workover of 30 wells	Unable to Determine
08-8-01-03-0132	TUBING (VARIOUS SIZES , GRADES AND WEIGHTS) FOR WORKOVER 30 WELLS	120000	MTR.	Requirements for workover of 30 wells	Probably not Notifiable
08-8-01-03-0133	LINER HANGER SETTING TOOLS WITH SPARE PARTS	3	SET	Tools for well workovers	Probably not Notifiable
08-8-01-03-0134	CEMENTING UNITS COMPLETE WITH ALL ACCESSORIES & SPARES WITH HEAVY DUTY TRACTIVE UNIT & SPARE PARTS WITH ADDITIONAL 2 HEAVY DUTY TRACTIVE UNITS	6	SET	Cementing units for drilling requirements	Unable to Determine
08-8-01-03-0135	SPARE PARTS FOR CEMENTING UNITS & ACIDIZING	200	ITEM	Spare parts for well workovers	Unable to Determine
08-8-01-03-0136	PERFORATION MATERIALS	100	ITEM	Requirements for well perforation	Notifiable
08-8-01-03-0137	X- OVER SUBS	300	NOS.	Pipework for well connection	Unable to Determine

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SHEET NO.: 12 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-03-0138	LOGGING TRUCK EQUIPPED WITH FULL SUITE OF LOGGING TOOLS (OPEN HOLE AND CASED HOLE) COMPLETE WITH ALL ACCESSORIES & SPARES	2	SET	Well logging requirements	Unable to Determine
08-8-01-03-0139	STORAGE TANK AT BABA AREA ,EACH OF A CAPACITY OF 4000000 GALLONS OF WATER	2	NOS.	Water storage requirements for industrial and residential use	Unable to Determine
08-8-01-03-0140	FLOW LINES , FITTINGS , VALVES AND OTHER ACCESSORIES	120	ITEM	Requirements for well completion	Unable to Determine
08-8-01-03-0141	COMPLETION OF THE CONTROL SYSTEM OF GAS COMPRESSORS AT SADDAM OIL FIELD	100	ITEM	Control system requirements at Saddam gas compressor station	Unable to Determine
08-8-01-03-0142	COMPLETION OF SADDAM GAS COMPRESSOR STATION	50	ITEM	Requirements to complete construction	Unable to Determine
08-8-01-03-0143	CONTROL & MEASURING INSTRUMENTS AND REPLACEMENT OF PROTECTION & SEQUENCING CONTROL SYSTEM FOR K3 PUMPING STATION	200	ITEM	Control system requirements at K3 pumping station	Unable to Determine
08-8-01-03-0144	TECHNICAL SERVICE / ASSISTANCE CONTRACT TO STUDY, APPRAISE, EVALUATE & IDENTIFY REMEDIES FOR THE CORROSION PROBLEMS ENCOUNTERED IN PRODUCING WELLS IN THE JAMBOUR FIELD	2	CONTRACT	TSC to investigate and advise on continueing corrosion problems in Jambour field	Unable to Determine

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LOCATION : KIRKUK FIELD
PROJECT 01-03 : SUSTAINING & ENHANCING PRODUCTION CAPABILITIES
SHEET NO.: 13 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-03-0145	COMPLETION OF THE GAS COMPRESSOR TRAIN WITH RECOMMENDED SPARE PARTS: - GAS TURBINE - GAS COMPRESSOR - SUCTION SCRUBBER - DISCHARGE SCRUBBER - SOUR GAS AIR COOLER - FUEL GAS TREATMENT SYSTEM - COMPLETE CONTROL SYSTEM - AIR COMPRESSOR & DRYER (2) UNITS - STEP DOWN TRANSFORMER - H V/L V POWER DISTRIBUTION & SWITCH GEAR - ACCESSORIES INCLUDING VALVES , FITTING , CABLES,...ETC	3	SET	Completion of Bai-Hassan Gas Compressor Station commenced under Phase 7	Unable to Determine
08-8-01-03-0146	COMPLETION / REHABILITATION OF (LPG UNDER GROUND STORAGE PLANT) (ELECTRICAL PUMPS , FLOW METERS , INSTRUMENTS , ELECTRICAL & MECHANICAL MATERIALS)	100	ITEM	Completion of LPG underground storage facilities at Baba dome.	Unable to Determine
08-8-01-03-0147	STEAM GENERATION UNIT IN PROCESS PLANT WITH RECOMMENDED SPARE PARTS	1	SET	Steam generation requirements at process plants	Unable to Determine

08-8-01-03-0148	well logging services North oil company areas	5	contracts		
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MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 01-04 : SAFETY & ENVIRONMENTAL PROTECTION
SHEET NO.: 14 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-04-0160	RESCUE TRUCK WITH RECOMMENDED SPARE PARTS	1	NO.	Staff safety requirement	Unable to Determine
08-8-01-04-0161	WATER FIRE FIGHTING TRUCK WITH MONITOR WITH RECOMMENDED SPARE PARTS	2	NOS.	Firefighting requirement	Unable to Determine
08-8-01-04-0162	OIL SKIMMER WITH RECOMMENDED SPARE PARTS	4	NOS.	Pollution clean up requirement	Unable to Determine
08-8-01-04-0163	COMPRESSED AIR BREATHING APPARATUS WITH RECOMMENDED SPARE PARTS.	150	NOS.	BA sets for safety	Unable to Determine
08-8-01-04-0164	DIESEL FIRE FIGHTING WATER PUMP FOR AIN ZALA DEG. STATION WITH RECOMMENDED SPARE PARTS.	1	NO.	Firefighting requirement for Ain-Zalah degassing station	Unable to Determine
08-8-01-04-0165	(WATER , FOAM , POWDER) FIRE FIGHTING TRUCK WITH RECOMMENDED SPARE PARTS.	3	NOS.	Multi purpose (in terms of consumables) fire fighting equipment	Unable to Determine
08-8-01-04-0166	PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ...ETC.)	30000	PCS.	Staff safety requirement	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 01-05 : SERVICE AND PLANT EQUIPMENT
SHEET NO.: 15 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-05-0175	WATER TANK TRUCK 6*4 , 16000 LT. WITH RECOMMENDED SPARE PARTS .	10	NOS.	Potable water equipment for field staff	Unable to Determine
08-8-01-05-0176	FUEL TANK TRUCK 6*4 , 12000 LT. WITH RECOMMENDED SPARE PARTS .	10	NOS.	Delivery truck for filed delivery of gas oil	Unable to Determine
08-8-01-05-0177	LORRY 2 TONS WITH CRANE WITH RECOMMENDED SPARE PARTS .	5	NOS.	Service equipment for field use	Probably not Notifiable
08-8-01-05-0178	LUBRICATING VEHICLE WITH RECOMMENDED SPARE PARTS.	5	NOS.	Service equipment for field use	Probably not Notifiable
08-8-01-05-0179	ELECTRIC PLATFORM TRUCK WITH RECOMMENDED SPARE PARTS .	2	NOS.	Cherry picker, especially required for changing overhead lighting in installations	Probably not Notifiable
08-8-01-05-0180	GARBAGE TRUCK WITH RECOMMENDED SPARE PARTS .	4	NOS.	Equipment to assist in site clearance	Not Notifiable
08-8-01-05-0181	DUMPER WITH RECOMMENDED SPARE PARTS .	10	NOS.	Equipment to assist in site clearance	Not Notifiable
08-8-01-05-0182	AIR COMPRESSOR MOBILE OR ON SKID WITH SPARES	10	NOS.	Equipment for site works	Unable to Determine
08-8-01-05-0183	MOBILE WELDING MACHINE WITH RECOMMENDED SPARE PARTS	13	NOS.	Equipment for site works	Unable to Determine
08-8-01-05-0184	BACKHOE LOADER WITH RECOMMENDED SPARE PARTS .	5	NOS.	Equipment for site works	Not Notifiable
08-8-01-05-0185	SPARE PARTS FOR MERCEDES (2624) TRUCKS .	7	ITEM	Spares for existing transport	Not Notifiable
08-8-01-05-0186	SPARE PARTS FOR SCANIA (LT 111) TRUCKS .	1	ITEM	Spares for existing transport	Not Notifiable
08-8-01-05-0187	SPARE PARTS FOR NISSAN CARS (STATION WAGON & PICKUP DOUBLE CABIN) .	2	ITEM	Spares for existing transport	Not Notifiable
08-8-01-05-0188	SPARE PARTS FOR TOYOTA CARS (STATION WAGON , PICKUP DOUBLE CABIN & MINI BUS 12 SEATERS).	3	ITEM	Spares for existing transport	Not Notifiable
08-8-01-05-0189	SPARE PARTS FOR STERLING VGC-ALL TRUCKS .	1	ITEM	Spares for existing transport	Not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 01-05 : SERVICE AND PLANT EQUIPMENT
SHEET NO.: 16 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-05-0190	SPARE PARTS FOR HYUNDAI AUTOMOBILES (STATION WAGON & BUSES 45 SEATERS , 30 SEATERS , 12 SEATERS).	1	ITEM	Spares for existing transport	Not Notifiable
08-8-01-05-0191	SPARE PARTS FOR EXCAVATORS CATERPILLAR MODEL 235	1	ITEM	Spares for existing equipment	Not Notifiable
08-8-01-05-0192	SPARE PARTS FOR MOBILE CRANES TADANO & KATO 20 TONS	1	ITEM	Spares for existing equipment	Not Notifiable
08-8-01-05-0193	SPARE PARTS FOR MOBILE CRANES KATO 120 TONS .	1	ITEM	Spares for existing equipment	Not Notifiable
08-8-01-05-0194	SPARE PARTS FOR BULLDOZERS & SIDEBOOMS KOMATSU .	1	ITEM	Spares for existing equipment	Not Notifiable
08-8-01-05-0195	TYRES WITH TUBES AND FLAPS (VARIOUS TYPES & SIZES) .	2500	NOS.	Spare tyres for vehicles	Not Notifiable
08-8-01-05-0196	REPAIR EQUIPMENT FOR CAR WORKSHOP .	100	ITEM	Requirements for workshops	Not Notifiable
08-8-01-05-0197	SPARES AND AIR BLOWERS FOR SEWAGE PLANTS.	20	ITEM	Spares and equipment for sewage plants	Unable to Determine
08-8-01-05-0198	SPARES FOR BOILERS IN THE AIR CONDITIONING (TUBES, PLATES AND SAFETY VALVES).	17	ITEM	Spares for split air conditioning units	Unable to Determine
08-8-01-05-0199	central cooling exuipment accessories and recommended spare parts	350 5	NOS. set	Requirements for cooling equipment	Unable to Determine
08-8-01-05-0200	Cooling and heating equipmet complete with recommended spare parts	100 5	nos set	Air conditioning and heating units	Unable to Determine
08-8-01-05-0201	WATER SOFTENING PLANT FOR AIR CONDITIONING PLANTS	5	PLANT	Requirements for cooling equipment	Unable to Determine
08-8-01-05-0202	MEDICAL EQUIPMENT FOR K1 HOSPITAL	18	ITEM	Medical equipment for K1 hospital	Unable to Determine
08-8-01-05-0203	VARIOUS MACHINES AND EQUIPMENT FOR WORKSHOPS (BENDING, CUTTING, ELECTRICAL DRILL , HYDRAULIC PRESS ...ETC.)	33	NOS.	Workshop repair equipment	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 17 OF 22****ESTABLISHMENT NAME : NORTH OIL COMPANY****LOCATION : ALL AREAS****PROJECT 01-05 : SERVICE AND PLANT EQUIPMENT**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-05-0204	TRACTOR UNIT 6*4 COMPLETE WITH SEMI TRAILER 50 TONS WITH RECOMMENDED SPARE PARTS	10	NOS.	Equipment for the transportation of large items of equipment delivered under MOU's	Probably not Notifiable
08-8-01-05-0205	TRACTOR UNIT 6*4 COMPLETE WITH 50 TONS LOW BED-SEMI TAILOR WITH RECOMMENDED SPARE PARTS	10	NOS.	Equipment for the transportation of large items of equipment delivered under MOU's	Probably not Notifiable
08-8-01-05-0206	TRACTOR UNIT 6*4 COMPLETE WITH 70 TONS LOW BED-SEMI TAILOR WITH RECOMMENDED SPARE PARTS	8	NOS.	Equipment for the transportation of large items of equipment delivered under MOU's	Probably not Notifiable
08-8-01-05-0207	TRACTOR UNIT 6*4 COMPLETE WITH 100 TONS LOW BED-SEMI TAILOR WITH RECOMMENDED SPARE PARTS	2	NOS.	Equipment for the transportation of large items of equipment delivered under MOU's	Probably not Notifiable
08-8-01-05-0208	TRACTOR UNIT 6*4 COMPLETE WITH WATER TANK 36000 LT. WITH RECOMMENDED SPARE PARTS	10	NOS	Equipment for the transportation of large items of equipment delivered under MOU's	Probably not Notifiable
08-8-01-05-0209	TRACTOR UNIT 6*4 COMPLETE WITH FUEL TANK 36000 LT. WITH RECOMMENDED SPARE PARTS	10	NOS.	Equipment for the transportation of large items of equipment delivered under MOU's	Probably not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH OIL COMPANY
LOCATION : ALL AREAS
**PROJECT 01-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES**
SHEET NO.: 18 OF 22

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-06-0220	LAB TESTING EQUIPMENT & MATERIALS FOR OIL, GAS & WATER FOR QUALITY CONTROL WITH ALL ACCESSORIES & SPARE PARTS.	100	ITEM	Quality control equipment	Unable to Determine
08-8-01-06-0221	GEOLOGICAL LAB INSTRUMENTS & EQUIPMENT COMPLETE WITH SPARES.	100	ITEM	Quality control equipment for geological surveys	Unable to Determine
08-8-01-06-0222	PLANT SURVEY EQUIPMENT AND ACCESSORIES.	100	ITEM	NDT testing equipment	Unable to Determine
08-8-01-06-0223	CORROSION MONITORING DEVICES FOR GAS COMPRESSOR STATIONS.	5	KIT	NDT testing equipment for gas compressor stations	Unable to Determine
08-8-01-06-0224	TEST EQUIPMENT FOR TELECOMMUNICATIONS	24	NOS.	Test equipment for comms units	Unable to Determine
		1	SET	Test equipment for comms units	Unable to Determine
08-8-01-06-0225	TECHNICAL SERVICE / ASSISTANCE CONTRACT TO CARRY OUT EVALUATION & APPRAISAL STUDIES OF THE MAIN PRODUCING RESERVOIRS IN NORTHERN OIL FIELDS	4	CONTRACT	TSC's for studies on reservoirs throughout NOC area.	Unable to Determine
08-8-01-06-0226	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Probably not Notifiable

MINISTRY OF OIL**ESTABLISHMENT NAME : NORTH OIL COMPANY****LOCATION : KIRKUK FIELD****PROJECT 01-07 : DEVELOPMENT PROJECTS (ARTIFICIAL GAS LIFT FACILITIES)****SHEET NO.: 19 OF 22**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-07-0235	ARTIFICIAL GAS LIFT FACILITIES (TWO COMPRESSOR STATIONS, PIPE LINES, WELLHEAD EQUIPMENT, WORK OVER MATERIALS) OR (SUBMERSIBLE PUMPS WITH ACCESSORIES, ELECTRICAL, MECHANICAL AND CONTROL SYSTEM) INCLUDING TECHINCAL ASSISTANCE / ENGINEERING CONSULTANCY.	6	CONTRACT	Gas lift facilities for the Baba and Havana domes to enhance production and supplement the failing water injections systems.	Unable to Determine

MINISTRY OF OIL**ESTABLISHMENT NAME : NORTH OIL COMPANY****LOCATION : KIRKUK FIELD****PROJECT 01-08 : DEVELOPMENT PROJECTS (KHURMALA DOME PROJECT)****SHEET NO.: 20 OF 22**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-08-0240	KHURMALA DOME PROJECT (TRUNK LINES ,FLOW LINES , VALVES, FITTINGS , MANIFOLD, WITH ALL ACCESSORIES) INCLUDING TECHINCAL ASSISTANCE / ENGINEERING CONSULTANCY	7	CONTRACT	Projects to tie-in N W Havana wells resulting in up to 20,000 bpd production increase	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 21 OF 22****ESTABLISHMENT NAME : NORTH OIL COMPANY****LOCATION : NAFT KHANA****PROJECT 01-09 : DEVELOPMENT PROJECTS (NAFT KHANA GAS
TREATMENT)**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-09-0245	WORK OVER OF WELLS, PIPES & FITTINGS TO CONNECT WELLS TO THE GAS TREATMENT PLANT PLUS 50 KM. OF 12"-16" LINEPIPE	7	CONTRACT	Contracts to recommence failed production to supply Naft Khana gas treatment plant to produce gas for the newly installed turbine powered electricity generation plants	Unable to Determine
08-8-01-09-0246	NAFT KHANA GAS TREATMENT PROJECT (DEHYDRATION, SWEETENING, SEPARATION, AND COMPRESSION	1	CONTRACT	As above	Unable to Determine
08-8-01-09-0247	TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	2	CONTRACT	As above	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 22 OF 22****ESTABLISHMENT NAME : NORTH OIL COMPANY****LOCATION : MANSURIA****PROJECT 01-10 : DEVELOPMENT PROJECTS/ THE APPRAISAL AND
EVALUATION OF MANSURIA GAS FIELD TO
DETERMINE OPTIONAL PLAN FOR ITS FUTURE
DEVELOPMENT**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-01-10-0255	THE WORK INCLUDES THE FOLLOWING TASKS :- - SEISMIC WORK REINTERPRETATION; 2D AND 3D (MATERIALS AND REQUIRED ACCESSORIES) - DRILLING OF ONE APPRAISAL WELL WITH COMPLETE SET OF LOGGING AND PRODUCTION TESTS INTERPRETATION (MATERIALS AND REQUIRED ACCESSORIES) - MOBILE GAS PRODUCTION SEPARATOR, COMPLETE WITH FLOW METERS, CONTROL SYSTEM, GAS AND LIQUID ANALYSIS WITH RECOMMENDED OPERATIONAL SPARES - TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	6	CONTRACT	Contracts to evaluate the use of the Mansuria Gas Field as a supply source for gas for the electricity industry and power generation	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0260	SPARE PARTS FOR LOGGING TRUCKS AND TOOLS.	300	ITEM	Maintenance requirements	Unable to Determine
	SPARE PARTS FOR LIGHT EQUIPMENT & VEHICLES, TRANSFERRED FROM 08-7-00-0480, non OIP approval	119	ITEM		
08-8-02-01-0261	CHEMICALS FOR OIL AND GAS ANALYSIS	250	ITEM	QC consumables for laboratories	Unable to Determine
08-8-02-01-0262	SPARE PARTS AND ACCESSORIES FOR DRILLING AND COMPLETION FLUID STORAGE	400	ITEM	Requirements for storage of drilling consumables	Unable to Determine
08-8-02-01-0263	ELECTRIC MOTOR DRIVEN CRUDE OIL VACUUM PUMP	4	SET	Motors for oil transfer	Unable to Determine
08-8-02-01-0264	ELECTRIC MOTOR DRIVEN CONDENSATE PUMP	4	SET	Motors for oil transfer	Unable to Determine
08-8-02-01-0265	SPARE PARTS FOR MECHANICAL SEALS	50	ITEM	Seals for leaking pumps	Probably not Notifiable
08-8-02-01-0266	PUMPS & SPARE PARTS FOR UNION GLYCOL PUMPS	40	ITEM	Requirements for glycol pumps	Unable to Determine
08-8-02-01-0267	SPARE PARTS FOR H.P. CONDENSATE PUMPS	70	ITEM	Requirements for condensate pumps	Unable to Determine
08-8-02-01-0268	KINGSBURY THRUST BEARINGS & SPARE PARTS	30	ITEM	Spares for rotating equipment	Not Notifiable
08-8-02-01-0269	SPARE PARTS FOR OIL ROTARY PUMPS	100	ITEM	Spares for rotating equipment	Unable to Determine
08-8-02-01-0270	SPARE PARTS FOR L.P CONDENSATE PUMPS	170	ITEM	Spares for rotating equipment	Unable to Determine
08-8-02-01-0271	SPARE PARTS FOR CENTRIFUGAL GAS COMPRESSORS	30	ITEM	Spares for rotating equipment	Unable to Determine
08-8-02-01-0272	SPARE PARTS FOR GAS TURBINES TYPE: FR 5002	211	ITEM	NON OIP new item transferred from 08-7-00-0338 08-7-00-0290 Comm 830680 Comm 830683	Unable to Determine
	Spare parts for gas turbines type : MS 1002B	108	ITEM	OIP approval additional items transferred from 08-7-00-0335 Comm 830677	
08-8-02-01-0273	SPARE PARTS FOR UNLOADING PUMP (CORO – VANE).	18	ITEM	Spares for rotating equipment	Unable to Determine
08-8-02-01-0274	SPARE PARTS FOR GLYCOL FILTERS , THE PECO SERIES 10 ABSORBER	5	ITEM	Spares for glycol filter units	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-01 : MAINTENANCE & OPERATION
SHEET NO.: 2 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0275	PUMPS & SPARE PARTS FOR SUMP PUMP	35	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0276	SPARE PARTS FOR CONDENSER GAS COOLER	60	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0277	VALVE OPERATORS & SPARE PARTS FOR VALVE OPERATORS	737	ITEM	Spares for gas dehydration units	Unable to Determine
	LINE PIPE, FITTINGS, VALVES AND FLANGES. Transferred from 08-7-23-0486	1	CONTRACT		
08-8-02-01-0278	SPARE PARTS FOR AIR COMPRESSORS BROOM & WADE	240	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0279	SPARE PARTS FOR HITACHI NATURAL GAS COMPRESSORS	60	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0280	SPARE PARTS FOR AIR COMPRESSORS (INGERSOLL – RAND)	20	ITEM	Spares for gas dehydration units	Unable to Determine
	SPARE PARTS FOR BOOSTER BLOWERS, TRANSFERRED FORM 08-7-00-0337	58	ITEM		
08-8-02-01-0281	REPLACEMENT AIR COOLED GAS COOLERS & SPARE PARTS	3	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0282	REPLACEMENT AIR COOLED GLYCOL COOLERS & SPARE PARTS	3	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0283	PUMPS AND SPARE PARTS FOR LUB. OIL AND SEAL OIL	50	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0284	SPARE PARTS FOR GAS COOLER USED IN SOLAR TURBO COMPRESSORS	6	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0285	SALTY WATER PUMPS & SPARE PARTS FOR DESALTER	6	SET	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0286	SPARE PARTS FOR SALTY WATER PUMPS	20	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0287	SPARE PARTS FOR FRESH WATER PUMPS	25	ITEM	Spares for gas dehydration units	Unable to Determine
	Pumps & spare parts for centrifugal process transferred from 08-7-00-0339	16	Nos		
08-8-02-01-0288	SPARE PARTS FOR VERTICAL BOOSTER PUMPS	80	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0289	SPARE PARTS DIESEL ENGINE PERKINS	120	ITEM	Spares for gas dehydration units	Unable to Determine
08-8-02-01-0290	SPARE PARTS FOR DIESEL ENGINE MWM	110	ITEM	Spares for gas dehydration units	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-01 : MAINTENANCE & OPERATION
SHEET NO.: 3 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0291	UNITS & SPARES FOR CONTROL VALVES OF DEGASSING STATIONS	150	ITEM	Spares for degassing stations	Unable to Determine
08-8-02-01-0292	FLARE SYSTEM FOR RUMAILA STATION	1	SET	New flare system for Rumailah	Probably not Notifiable
08-8-02-01-0293	SPARE PARTS & MATERIALS FOR CATHODIC PROTECTION FOR ALL AREAS	150	ITEM	Requirements for cathodic protection throughout SOC	Unable to Determine
08-8-02-01-0294	REPLACEMENT OF OLD BATTERIES FOR ALL AREAS UPS unit and pares for all areas	50 100	ITEM ITEM	Replacement batteries for all SOC	Probably not Notifiable
	Materials for rewinding several types of motors transferred from 08-7-00-0421	17	ITEM		
	Repair of electric motors medium voltage transferred from 08-7-00-0422	2	PCS	NON OIP new item Comm 830875	
	Spare parts for A/C units, chiller various packages & spare parts for lift 380 VAC, 50 Hz transferred from 08-7-00-0423	15	ITEM	NON OIP new item Comm 830878	
08-8-02-01-0295	SPARE PARTS FOR RUSTON GAS TURBINES (TA – 1750) .	200	ITEM	Spares for S Rumailah turbines	Unable to Determine
08-8-02-01-0296	SPARE PARTS FOR AIR – SCREEN FILTER	10	ITEM	General spares for SOC	Unable to Determine
08-8-02-01-0297	SPARE PARTS FOR FLEX FLOW VALVES & SCRAPER TRAPS	18	SET	General spares for SOC	Unable to Determine
08-8-02-01-0298	DEMULSIFIER	8000	BPL	Replacement consumables	Unable to Determine
08-8-02-01-0299	TRI ETHYLENE GLYCOL	500	TON	Replacement consumables	Not Notifiable
08-8-02-01-0300	ZINC SULPHATE new item: Chemicals for oil treatment, transferred from 08-7-00-0464	800 1	TON plant	Replacement consumables	Not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : MESSAN FIELDS / DEGASSING
STATION , OIL STORAGE DEPOTS ,
TANKFARMS & PUMPING STATIONS
PROJECT 02-01 : MAINTENANCE & OPERATION
SHEET NO.: 4 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0301	SPARE PARTS FOR BURTON CORBLINE AIR COMPRESSOR AND PUMPS	450	ITEM	Spare parts requirements as designated on sheet heading	Unable to Determine
08-8-02-01-0302	SPARE PARTS FOR SOLAR TURBINE	50	ITEM	As above	Unable to Determine
08-8-02-01-0303	SPARE PARTS FOR CATERPILLAR ENGINES	2000	ITEM	As above	Probably not Notifiable
08-8-02-01-0303	Spare parts for Caterpillar engines transferred from 08-7-00-0444	72	Item	NON OIP new item Comm 830826	
08-8-02-01-0304	SPARE PARTS FOR AIR COMPRESSOR BROOMWADE	115	ITEM	As above	Unable to Determine
08-8-02-01-0305	ELECT. SPARES FOR DEGASSING STATIONS & TERMINAL (BUZURGAN OIL TREATMENT .)	2000	ITEM	As above	Unable to Determine
08-8-02-01-0306	SPARES FOR HOBART WELDING MACHINES	500	ITEM	As above	Unable to Determine
08-8-02-01-0307	SPARES FOR WATER BATH INDIRECT OIL HEATERS	250	ITEM	As above	Probably not Notifiable
08-8-02-01-0308	MAINTENANCE TOOLS AND EQUIPMENT FOR OPERATIONAL PURPOSES	200	ITEM	As above	Unable to Determine
08-8-02-01-0309	SAFETY AND CONTROL VALVES AND ACCESSORIES	100	ITEM	As above	Unable to Determine
08-8-02-01-0310	THREADED FITTINGS FOR INSTRUMENTATION OF DEGASSING STATIONS	250	ITEM	As above	Unable to Determine
08-8-02-01-0311	INSTRUMENTS& OTHER DEVICES FOR DEGASSING STATIONS	16150	ITEM	As above	Unable to Determine
08-8-02-01-0311	Instruments & other devices for degassing stations transferred from 08-7-00-0457	17	NOS		

MINISTRY OF OIL**SHEET NO.: 5 OF 36****ESTABLISHMENT NAME : SOUTH OIL COMPANY****LOCATION : MESSAN FIELDS / DEGASSING STATION ,
OIL STORAGE DEPOTS , TANKFARMS &****PUMPING STATIONS****PROJECT 02-01 : MAINTENANCE & OPERATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0312	SPARE PARTS FOR COMPAIR AIR COMPRESSORS	200	ITEM	As above	Unable to Determine
08-8-02-01-0313	PUMPS FOR OPERATIONAL & SAFETY PURPOSES WITH SPARES & ACCESSORIES	50	ITEM	As above	Unable to Determine
08-8-02-01-0314	SPARES FOR BIRAL PUMPS	100	ITEM	As above	Unable to Determine
08-8-02-01-0315	SPARE PARTS FOR GUINARD PUMPS	200	ITEM	As above	Unable to Determine
08-8-02-01-0316	PUMPS FOR FUELING WITH SPARES AND ACCESSORIES	20	ITEM	Pumps for fuel transfers	Unable to Determine
08-8-02-01-0317	COMMUNICATIONS EQUIPMENT NEEDED FOR ALL DEG. STATION WITH SPARES AND ACCESSORIES	150	ITEM	Degassing station communications requirements	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 6 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ZUBAIR , NORTH & SOUTH RUMAILA
SERVICE CONTRACTS
PROJECT 02-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0318	REFURBISHMENT OF RUSTON TA - 1750 (ROTORS & STATORS) EACH SET CONSISTS OF (COMPRESSOR, C.T.& P.T.) ROTORS & (C.T. & P.T.) STATORS	4	CONTRACT	Repair of pumps at S Rumailah	Unable to Determine
08-8-02-01-0319	OVERHAUL OF SOLAR CENTAUR TWO SHAFT GAS TURBINE, EACH SET CONSISTS OF 1 NO. H.P. TURBINE (GAS GENERATOR) & 1 NO. L.P. TURBINE (POWER TURBINE) .	2	CONTRACT	Gas Turbine repairs at Ruhais and Zabair	Unable to Determine
08-8-02-01-0320	OVERHAUL OF ROLLS ROYCE AVON 1533 GAS GENERATOR	1	CONTRACT	Gas Turbine repairs	Probably not Notifiable

**LOCATION : WEST QURNA, DEVELOPMENT OF DG7
& DG8 , PHASE (1) / WEST QURNA OIL FIELD**
PROJECT 02- 01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0321	CABLES ,CABLE JOINT , OVER HEAD LINE MATERIALS AND ACCESSORIES	200	ITEM	DG-7/DG-8/West Qurna operational requirements	Probably not Notifiable
	Generators and materials for cathodic protection transferred from 08-7-00-0402	22	ITEM		
08-8-02-01-0322	PNEUMATIC CONTROL PANELS FOR CONTROL ROOMS	2	ITEM	As above	Unable to Determine
08-8-02-01-0323	SPARE PARTS FOR MAIN PUMPS	100	ITEM	As above	Unable to Determine
	Spare parts for main pumps type: MLHC 600 x 500 Q transferred from 08-7-00-0342	65	ITEM		
08-8-02-01-0324	SPARE PARTS FOR BOOSTER PUMPS (POMPE GABBIONETA).	170	ITEM	As above	Unable to Determine
	SPARE PARTS FOR MUFTIAH WATER TREATMENT STATION transferred from 08-7-00-0414	34	Pieces		
	Pumps & spare parts for booster pumps type VB 350/200/2 transferred from 08-7-00-0350	8	Set		
		68	Item		

MINISTRY OF OIL**SHEET NO.: 7 OF 36****ESTABLISHMENT NAME : SOUTH OIL COMPANY****LOCATION : ALL DEPOT, OIL STORAGE DEPOTS,
TANKS FARM & PUMP STATIONS****PROJECT 02-01 : MAINTENANCE & OPERATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0325	EXPLOSION PROOF ELECTRIC PANEL, LOW VOLTAGE SWITCH RACK AND ACCESSORIES	50	ITEM	Spares and equipment for oil storage depots in SOC area	Probably not Notifiable
08-8-02-01-0326	ELECTRICAL VALVE ACTUATORS & SPARE PARTS	50	ITEM	As above	Unable to Determine
08-8-02-01-0327	SPARE PARTS FOR MEDIUM & LOW VOLTAGE SWITCH GEAR, MCC PANEL WITH ALL ACCESSORIES	200	ITEM	As above	Probably not Notifiable
08-8-02-01-0328	TANK GAUGING SYSTEM FOR PS1 AND ZR2 DEPOTS	10	ITEM	Automatic TG system - PS-1/ZR2	Unable to Determine
08-8-02-01-0329	TOOLS & EQUIPMENT FOR MAINTENANCE OF FIELD DEVICES.	50	ITEM	Maintenance requirement	Unable to Determine
08-8-02-01-0330	SPARE PARTS FOR HYDRAULIC CONTROL SYSTEM	30	ITEM	Spares for oil depots	Unable to Determine
08-8-02-01-0331	SPARE PARTS FOR OIL RE-INJECTION PUMPS	30	ITEM	Spares for oil depots	Unable to Determine

MINISTRY OF OIL

ESTABLISHMENT NAME : SOUTH OIL COMPANY

LOCATION : NORTH & SOUTH RUMAILA,

GARMA WATER INJECTION SYSTEM

PROJECT 02-01 : MAINTENANCE & OPERATION

SHEET NO.: 8 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0332	BATTERY CHARGER AND SPARE PARTS	100	ITEM	Spares and equipment for water injection systems, and cluster stations	Probably not Notifiable
08-8-02-01-0333	SPARE PART FOR MEDIUM & LOW VOLTAGE SWITCHGEAR & ACCESSORIES	100	ITEM	As above	Probably not Notifiable
08-8-02-01-0334	EXCITER EQUIPMENT FOR MEDIUM VOLTAGE MOTOR , SPARE PARTS & ACCESSORIES	50	ITEM	As above	Probably not Notifiable
08-8-02-01-0335	PROTECTION & CONTROL UNIT FOR MEDIUM SWITCHGEAR & SPARE PARTS	100	ITEM	As above	Unable to Determine
08-8-02-01-0336	UNITS & SPARES FOR INSTRUMENTS FOR WATER INJECTION STATIONS	100	ITEM	As above	Unable to Determine
08-8-02-01-0337	ROTORK ACTUATORS & SPARE PARTS	40	ITEM	As above	Unable to Determine
	Pump & spare parts for main injection pumps and for water treatment equipment transferred from 08-7-00-0346	55	ITEM		

MINISTRY OF OIL**SHEET NO.: 9 OF 36**

ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : AL-BAKER TERMINAL / BASRAH
PROJECT 02-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-01-0338	SPARE PARTS FOR LOADING ARM	100	ITEM	Spares for loading arm at Mina al-Bakr	Probably not Notifiable
08-8-02-01-0339	EXPLOSION PROOF MATERIALS, GLANDS, SWITCHES, AMMETERS, JUNCTION BOXES & ACCESSORIES	300	ITEM	General equipment and spares for Mina al-Bakr terminal	Probably not Notifiable
08-8-02-01-0340	UNITS & SPARES FOR FIELD DEVICES & EQUIPMENT	50	ITEM	General equipment and spares for Mina al-Bakr terminal	Unable to Determine
08-8-02-01-0341	CAPSTANS & SPARE PARTS	20	ITEM	As above	Unable to Determine
08-8-02-01-0342	SPARE PARTS FOR FMC LOADING ARMS	46	ITEM	As above	Unable to Determine
08-8-02-01-0343	AIR CONDITIONING FOR AL-BAKER TERMINAL	50	ITEM	As above	Unable to Determine
08-8-02-01-0344	UPGRADING THE SERVICES & LOADING FACILITIES AT MINA AL-BAKER	5	CONTRACT	TSC's for upgrading the facilities on Mina al-Bake terminal	Unable to Determine
08-8-02-01-0345	SPARE MEMBRANES AND PARTS FOR REVERSE OSMOSIS PLANTS	270	ITEM	Parts for R/O units on Mina al-Bakr (one unit of two non-operational)	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 10 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : NORTH & SOUTH RUMAILA / ZUBAIR / BASRAH
DEGASSING & COMPRESSION STATIONS
PROJECT 02-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT		1051 DETERMINATION
08-8-02-01-0346	SPARE PARTS FOR INGERSOLL – DRESSER PUMPS , VERTICAL CENTRIFUGAL PUMPS	56	ITEM	Spares and equipment, including UPS, for SOC degassing and compressor stations	Unable to Determine
08-8-02-01-0347	SPARE PARTS FOR GAS TURBINE & ACCESSORIES	100	ITEM	As above	Unable to Determine
08-8-02-01-0348	ELECTRIC MOTOR & SPARE PARTS	50	ITEM	As above	Probably not Notifiable
08-8-02-01-0349	U.P.S UNIT & SPARE PARTS	100	ITEM	As above	Probably not Notifiable
08-8-02-01-0350	SPARE PARTS FOR OVER HEAD CRANES	50	ITEM	As above	Probably not Notifiable
08-8-02-01-0351	SPARE PARTS FOR LOW VOLTAGE SWITCHGEAR	100	ITEM	As above	Probably not Notifiable
08-8-02-01-0352	SPARE PARTS FOR MAIN MEDIUM VOLTAGE MOTOR transferred from 08-7-00-0379	110	ITEM	As above	Probably not Notifiable
08-8-02-01-0353	UNITS & SPARES FOR GAS BOOSTERS & BLOWERS	100	ITEM	As above	Unable to Determine
08-8-02-01-0354	FIELD INSTRUMENTS & CONTROL UNITS FOR DEGASSING STATIONS	100	ITEM	As above	Unable to Determine
	Spares for control valves□transferred from 08-7-00-0369	11	Item	OIP approval new item Comm 830633	
08-8-02-01-0355	UNITS & SPARES FOR CONTROL ROOMS OF DEGASSING STATIONS	100	ITEM	As above	Unable to Determine
08-8-02-01-0356	GAS TURBINE OIL MOBIL JET OIL II ALTERNATIVE AND CLEANING FLUID	2	ITEM	Specialized lubricating oil for gas turbines	Unable to Determine
08-8-02-01-0357	RECYCLE WATER PUMPS FOR DESALTER & SPARE PARTS	6	SET	Pumps for degassing stations	Unable to Determine
	Skid mounted horizontal centrifugal pump c/w electric motor to be used for pumping salty water with 250 gr/liter salt content (SG 1.15) & spare parts transferred from 08-7-00-0328	23	Item	NON OIP new item Comm 830838	
08-8-02-01-0358	UNITS & SPARES FOR POWER SUPPLIES & ACCESSORY DEVICES	50	ITEM	Power supply spares	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 11 OF 36****ESTABLISHMENT NAME :SOUTH OIL COMPANY****LOCATION : WATER INJECTION TREATMENT PLANT****GARMAT ALI ENHANCEMENT OF
WATER TREATMENT OPERATIONS****PROJECT 02-02 : REHABILITATION / REVAMPING OF
EXISTING INSTALLATIONS**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-02-0375	REPLACEMENT OF CHEMICAL TREATMENT AND INJECTION FACILITIES WITH NEW HANDLING EQUIPMENT.	20	SET	Replacemement of damaged units at Garmat Ali water intake plant, for water injection	Unable to Determine
08-8-02-02-0376	REPLACEMENT OF BACKWASH SYSTEM OF EXISTING FILTERS.	1	SET	As above	Unable to Determine

LOCATION : KHOR AL-AMYAH**PROJECT 02-02 : REHABILITATION / REVAMPING OF
EXISTING INSTALLATIONS**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-02-0377	REVAMPING OF KHOR AL-AMYAH TERMINAL INCLUDING THE INSPECTION & REPAIR OF THE SEA LINES	6	CONTRACT	Structural survey and shore line inspection, & repair, at KAA	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 12 OF 36**

ESTABLISHMENT NAME :SOUTH OIL COMPANY
LOCATION : STRATEGIC LINE
PROJECT 02-02 : REHABILITATION / REVAMPING OF
EXISTING INSTALLATIONS

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-02-0378	REHABILITATION OF THE FIRST STRATEGIC LINE INCLUDING INTELLIGENT PIGGING TO IDENTIFY FAILURE AS WELL AS MATERIALS & EQUIPMENT FOR REPAIR	6	CONTRACT	Contracts to provide inspection, and necessary repair, to corroded sections of first strategic line	Unable to Determine

LOCATION : MESSAN FIELDS / DEGASSING STATION ,
OIL STORAGE DEPOTS ,
TANK FARMS & PUMPING STATIONS
PROJECT 02-02 : REHABILITATION / REVAMPING OF
EXISTING INSTALLATIONS

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-02-0379	OVER HEAD LINE ELECTRICAL MATERIALS AND EQUIPMENT 33 KV	150	ITEM	Requirements to upgrade Messan field, to increase production	Probably not Notifiable
08-8-02-02-0380	PUMPS OF DIFFERENT TYPES ELECT. DIESEL DEVICES WITH SPARES & ACCESSORIES	50	ITEM	As above	Unable to Determine
	SPARE PARTS FOR CEMENT & ACIDIZING PUMP, TRANSFERRED FROM 08-7-22-0280	172	PCS		
08-8-02-02-0381	ELECTRICAL EQUIPMENT AND ACCESSORIES	120	ITEM	As above	Unable to Determine
08-8-02-02-0382	MATERIAL AND EQUIPMENT FOR ELECT SUBSTATION 33/6.6 K.V	20	ITEM	As above	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 13 OF 36

ESTABLISHMENT NAME :SOUTH OIL COMPANY
LOCATION : NORTH & SOUTH RUMAILA, ZUBAIR
DEGASSING AND COMPRESSION SATATIONS
PROJECT 02-02 : REHABILITATION / REVAMPING OF
EXISTING INSTALLATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-02-0383	VALVES VARIOUS SIZE CLASS 150 AND 300.	200	ITEM	Requirements for upgrading & repair	Unable to Determine
08-8-02-02-0384	PIPE FITTINGS VARIOUS SIZES CLASS 150 AND 300.	12230	NOS		Unable to Determine
08-8-02-02-0385	CENTRAL CONTROL SYSTEMS FOR DEGASSING STATIONS	25	ITEM	Repalcement of pneumatic system	Unable to Determine
08-8-02-02-0386	CONTROL SYSTEM FOR FILTRATION UNITS	10	ITEM	Requirements for upgrading & repair	Unable to Determine

LOCATION : FAO / REHABILITATION OF FAO TANK FARM
PROJECT 02-02 : REHABILITATION / REVAMPING OF
EXISTING INSTALLATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
	- PIPELINE & FITTINGS , 5000 M3 WATER TANK			Requirements to construct crude oil storage tanks at Fao to improve throughput and flexibility of loadings at Mina al-Bakr	
	- FIRE FIGHTING SYSTEM , TURBO GENERATING SET				
	- 58000 M3 STORAGE FLOATING FOOF CRUDE TANK ,				
08-8-02-02-0387	INSTRUMENT EQUIPMENT	10	CONTRACT		Unable to Determine
	- DISTRIBUTION CONTROL SYSTEM				
	- COMMUNICATION EQUIPMENT , FIRE ALARM SYSTEM				
	- SWITCHGEAR & POWER TRANSFORMER				
	- SURGE SYSTEM & PRESSURE REDUCTION SYSTEM				
08-8-02-02--0388	spare parts for heavy equipment and vehicles, tranferred from 08-7-00-0479	22	item		

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
**LOCATION : ALL AREAS / DRILLING, COMPLETION
AND WORKOVER OPERATION
WORKOVER OPERATION**
**PROJECT 02-03 : SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES**
SHEET NO.: 14 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0400	WIRELINE TOOLS AND ACCESSORIES	500	ITEM	Requirements to complete 100 wells drilled under MOU Phase 7 in SOC fields, to replace 250,000 bpd lost production	Probably not Notifiable
08-8-02-03-0401	TREATMENT OF CEASED WELLS (SERVICE CONTRACT)	1	CONTRACT	As above	Unable to Determine
08-8-02-03-0402	CASING AND TUBING	500	KM.	As above	Unable to Determine
08-8-02-03-0403	CASING ACCESSORIES	250	ITEM	As above	Unable to Determine
08-8-02-03-0404	LINER HANGER ACCESSORIES	250	ITEM	As above	Probably not Notifiable
08-8-02-03-0405	WELL - HEAD ACCESSORIES	100	ITEM	As above	Unable to Determine
08-8-02-03-0406	TUBING ACCESSORIES	100	ITEM	As above	Unable to Determine
	DOWNHOLE SCREEN FOR SANDCONTROL IN WELLS, transferred from 08-7-20-0267	3	ITEM		
08-8-02-03-0407	DRILLING BITS AND NOZZLES	250	ITEM	As above	Probably not Notifiable
08-8-02-03-0408	DRILLING FLUID MATERIAL	50	ITEM	As above	Unable to Determine
08-8-02-03-0409	CEMENT AND CEMENT ADDITIVES	50	ITEM	As above	Unable to Determine
08-8-02-03-0410	ACID ADDITIVES spare parts for cementing and acidizing units	20 400	ITEM ITEM	As above	Unable to Determine
08-8-02-03-0411	SUBMERSIBLE PUMPS ACCESSORIES AND SPARES	30	SET	As above	Unable to Determine
08-8-02-03-0412	DRIL STEM TEST TOOLS AND ACCESSORIES	200	ITEM	As above	Unable to Determine
08-8-02-03-0413	MOBILE MULTI - PHASE FLOWMETER AND ACCESSORIES	50	ITEM	As above	Unable to Determine
08-8-02-03-0414	PRODUCTION PACKERS AND ACCESSORIES	50	ITEM	As above	Unable to Determine
08-8-02-03-0415	COMPLETE SET OF LOGGING TRUCK , TOOLS AND ACCESSORIES	2	SET	As above	Unable to Determine
	SPARES FOR LOGGING TRUCKS, TRANSFERRED FROM 08-7-22-0279 to 08-8-02-03-0415, non OIP approval	40	ITEM		
	MAST TRUC, transferred from 08-7-20-261	2	UNITS		
	Bottom-hole pressure & temperature recorders (Amerada RT-7) fluid samplers with accessories transferred from 08-7-20-0266	112	Nos		

MINISTRY OF OIL**SHEET NO.: 15 OF 36****ESTABLISHMENT NAME : SOUTH OIL COMPANY****LOCATION : ALL / AREAS DRILLING, COMPLETION****AND WORK OVER OPERATION OVER OPERATION****PROJECT 02-03 : SUSTAINING & ENHANCING****PRODUCTION CAPABILITIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0416	GATE VALVES AND ACCESSORIES	500	ITEM	As above	Unable to Determine
08-8-02-03-0417	OPEN - HOLE AND CASED HOLE LOGGING (SERVICE CONTRACT)	1	CONTRACT	As above	Unable to Determine
08-8-02-03-0418	DRILLING & COMPLETION OF (5) WELLS IN RATAWI FIELD (SERVICE CONTRACT ON TURN-KEY BASIS)	2	CONTRACT	As above	Unable to Determine
08-8-02-03-0419	Drilling and completion of 13 wells in Buzuzrgan, Fauqa, Abu Girab and Siba	2	CONTRACT	As above	Unable to Determine
08-8-02-03-0420	DRILLING & COMPLETION OF (25) WELLS IN SOUTH RUMAILA (PACKAGE CONTRACT)	2	CONTRACT	As above	Unable to Determine
08-8-02-03-0421	DRILLING & COMPLETION OF (4) HORIZONTAL WELLS IN SOUTH RUMAILA FIELD (SERVICE CONTRACT ON TURN-KEY BASIS)	2	CONTRACT	As above	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 16 OF 36

ESTABLISHMENT NAME :SOUTH OIL COMPANY
LOCATION : SOUTH RUMAILA OIL FIELD
ENHANCEMENT OF GAS DEHYDRATION SYSTEM
PROJECT 02-03 : SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0422	GAS DEHYDRATION UNIT 130 MM SCFD COMPLETE WITH INSTRUMENTATION, PUMPS ELECTRICAL AND ACCESSORIES.	5	CONTRACT	Contracts for new lines at S Rumailah glycol regeneration system to parallel old lines	Unable to Determine
08-8-02-03-0423	GAS PRE-TREATMENT AND LIQUID REMOVAL WITH ACCESSORIES	500	ITEM	Gas pretreatment unit	Unable to Determine
08-8-02-03-0424	STATION CONTROL SYSTEM.	100	ITEM	Requirements for control systems	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 17 OF 36**

ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : MISSAN FIELDS / BUZERGAN FIELD /
UPGRADING PRODUCTION FACILITIES
INCLUDING WATER INJECTION
PROJECT 02-03 : SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0425	STEAM BOILERS WITH SPARES AND ACCESSORIES	20	ITEM	Equipment for new water injection system at the Missan field	Probably not Notifiable
08-8-02-03-0426	WASH TANK 10000 M ³ CAPACITY INCLUDING CARBON STEEL PLATE AND STRUCTURES, PIPING, VALVES, CONTROL, ELECTRICAL, PAINTING AND CONSUMABLES & ACCESSORIES	100	ITEM	Replacement wash tank (3 destroyed, 2 so far replaced)	Unable to Determine
08-8-02-03-0427	THREE PHASE TEST SEPARATOR SKID MOUNTED COMPLETE WITH ALL ACCESSORIES	100	ITEM	Equipment for new water injection system at the Missan field	Unable to Determine
08-8-02-03-0428	DUCTILE PIPES 8 -16 INCHES DIAMETER OF 60 KM LENGTH COMPLETE WITH ALL VALVES, FITTINGS AND ACCESSORIES.	10	ITEM	Equipment for new water injection system at the Missan field	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 18 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : TUBA TANKFARM AND ZUBEIR-2
PROJECT 02-03 : SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0429	- CRUDE OIL FLOATING ROOF TANKS 58000 M ³ (3 TANKS)	300	ITEM	Crude oil storage at Zubair-2 farm	Probably not Notifiable
	- CRUDE OIL FLOATING ROOF TANKS 66000 M ³ (1 TANK)	100	ITEM	Crude oil storage at Tuba farm	
	- floating roof crude oil storage tanks	3	TANK		
	(EACH TANK TO BE SUPPLIED WITH ACCESSORIES INCLUDING FIRE FIGHTING EQUIPMENT, INSTRUMENTATION PIPING, FITTINGS AND CATHODIC PROTECTION)			These 4 tanks required for the bulking of crude oil prior to export	Probably not Notifiable

LOCATION : ALL AREAS
PROJECT 02-03 : SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0430	TECHNICAL SERVICE / ASSISTANCE CONTRACT TO STUDY, APPRAISE, EVALUATE & IDENTIFY REMEDIES FOR THE CORROSION PROBLEMS ENCOUNTERED IN PRODUCING WELLS IN THE SOUTHERN FIELDS	2	CONTRACT	TSC to study and advise on the corrosion problems encountered in SOC wells	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 19 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
**LOCATION : WEST QURNA / OIL FIELD – DS6
ENHANCEMENT OF CRUDE OIL PRODUCTION.**
**PROJECT 02-03 : SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0431	DEHYDRATION AND DESALTING UNIT,50000 BPD CAPACITY, COMPLETE WITH ALL COMPLEMENTARY SYSTEMS, CONTROL, HEATING FACILITIES AND ELECTRICAL.	1	CONTRACT	Surface treatment unit at DS-6 for crude oil treatment required prior to export	Unable to Determine

**LOCATION : WEST QURNA / CONTINUATION OF
DEVELOPMENT OF DEGASSING
STATION (NO.6) WEST QURNA OIL FIELD**
**PROJECT 02-03 : SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-03-0432	TELECOMMUNICATION EQUIPMENT & MATERIAL , LEVEL INSTRUMENTS, MISCELLANEOUS ELECTRICAL MATERIALS AND COMPLEMENTARY EQUIPMENT TO UPGRADE DS6	500	ITEM	Control and telecommunications equipment for operational purposes at DS-6	Unable to Determine
	paints	4450	L		

08-8-02-03-0433	well logging services South oil company areas	5	contracts		
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MINISTRY OF OIL
SHEET NO.: 20 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-04 : SAFETY & ENVIRONMENTAL PROTECTION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-04-0450	SPARE PARTS FOR FIRE FIGHTING DIESEL ENGINE	75	ITEM	Spares for fire fighting equipment	Unable to Determine
08-8-02-04-0451	MOBILE FIRE FIGHTING PACK	2	NOS.	Mobile fire unit	Unable to Determine
08-8-02-04-0452	FIRE FIGHTING MATERIALS & EQUIPMENT	2000	NOS.	Equipment and consumables	Unable to Determine
08-8-02-04-0453	POLLUTION MONITORING EQUIPMENT	20	NOS.	Gas and pollution detection	Unable to Determine
08-8-02-04-0454	SAFETY WEAR (PERSONNEL) e.g SUITS , HELMET , BOOTS ,GOGGLES....ETC	50000	NOS.	Personal safety equipment	Unable to Determine
	RESPIRATORY EQ	5	PCS		
	WATER FOAM MONITOR	50	PCS		
08-8-02-04-0455	FIRE FIGHTING CHEMICALS	22000	KG/LT	Fire fighting consumables	Probably not Notifiable
08-8-02-04-0456	HEAVY INDUSTRIAL VACUUM LOADER TRUCK WITH S/P	2	SET	Pollution control & tank cleaning	Unable to Determine
08-8-02-04-0457	HEAVY DUTY INDUSTRIAL FIRE FIGHTING TRUCK	10	NOS.	Fire fighting equipment	Unable to Determine
08-8-02-04-0458	SKID MOUNTED DIESEL ENGINE FIRE FIGHTING PUMP SET .	6	SET	Fire fighting equipment	Unable to Determine
08-8-02-04-0459	SPARE PARTS FOR FIRE FIGHTING PUMPS	15	ITEM	Spares for fire fighting equipment	Unable to Determine
08-8-02-04-0460	SPARE PARTS FOR FIRE FIGHTING JOCKEY PUMPS	10	ITEM	Spares for fire fighting equipment	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 21 OF 36**

ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : SOUTH RUMAILA OIL FIELD /
EFFLUENT WATER TREATMENT.
PROJECT 02-04 : SAFETY & ENVIRONMENTAL PROTECTION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-04-0461	FIRE FIGHTING AND PROTECTION .	100	ITEM	Fire equipment for S Rumailah	Unable to Determine
08-8-02-04-0462	PILOT PLANT FOR THE TREATMENT OF EFFLUENT WATER 20000 BPD FOR EXPERIMENTAL PURPOSES	100	ITEM	Pilot plant recommended by recent study to treat effluents	Unable to Determine
08-8-02-04-0463	CONSUMABLES AND ANTI CORROSION AGENTS.	20	ITEM	Consumables requirements	Unable to Determine

LOCATION : ALL DEPOT, OIL STORAGE DEPOTS,
TANKFARMS & PUMP STATIONS
PROJECT 02-04 : SAFETY & ENVIRONMENTAL PROTECTION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-04-0464	SPARE PARTS FOR FIRE FIGHTING (JOCKEY) PUMPS	20	ITEM	Spares for fire fighting equipment	Unable to Determine
08-8-02-04-0465	SPARE PARTS FOR FIRE FIGHTING PUMPS	20	ITEM	Spares for fire fighting equipment	Unable to Determine
08-8-02-04-0466	SPARE PARTS FOR FIRE FIGHTING CATERPILLAR DIESEL ENGINE	90	ITEM	Spares for fire fighting equipment	Unable to Determine
08-8-02-04-0467	SPARE PARTS FOR DETROITE DIESEL ENGINE	20	ITEM	Spares for fire fighting equipment	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-05 : SERVICE AND PLANT EQUIPMENT
SHEET NO.: 22 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-05-0480	PASSENGER BOATS	2	NOS.	25 seater fast boats for crew changes and safety at Mina al-Bakr	Not Notifiable
08-8-02-05-0481	WELDING MACHINE DRIVEN BY DIESEL ENGINE	34	NOS.	General workshop requirements	Probably not Notifiable
08-8-02-05-0482	ELECTRICAL WELDING MATCHING INPUT	8	NOS.	General workshop requirements	Probably not Notifiable
08-8-02-05-0483	PACKAGE UNIT AIR CONDITIONING AND WINDOW TYPE A.C AND COLD STORE WITH SPARES & ACCESSORIES	50	ITEM	General workshop requirements	Probably not Notifiable
08-8-02-05-0484	GASKETS, BOLTS, NUTS AND FASTENING MATERIALS.	200	ITEM	General workshop requirements	Unable to Determine
08-8-02-05-0485	CARBON STEEL PLATES, BARS AND OTHER SECTIONS VARIOUS SIZES.	200	ITEM	General workshop requirements	Unable to Determine
08-8-02-05-0486	FLOW LINE MAINTENANCE MACHINES AND DEVICES	500	ITEM	General workshop requirements	Unable to Determine
08-8-02-05-0487	SPARE PART FOR HEAVY TRUCKS EQUIPMENT	10000	ITEM	General workshop requirements	Probably not Notifiable
	TYRE ROLLER, transferred from 08-7-00-0467	4	NOS.		
	RUBBER WHEEL ROLLERS, Tranferred from 08-7-00-0467	4	UNITS		
	CRAWLER EXCAVATORS WITH HYDRAULIC HAMMERS. Transferred from 08-7-00-0466	2	PCS		
	-SPARE PARTS FOR CATERPILLAR TOOL GUIDE transferred from 08-7-00-0479	69	Nos		
08-8-02-05-0488	SPARE PARTS FOR LIGHT VEHICLES transferred from 08-7-00-0480	5000	ITEM	General workshop requirements	Not Notifiable
08-8-02-05-0489	TYRES FOR HEAVY AND LIGHT TRUCKS.	50	ITEM	General workshop requirements	Not Notifiable
08-8-02-05-0490	BATTERIES FOR HEAVY AND LIGHT TRUCKS.	6	ITEM	General workshop requirements	Probably not Notifiable
08-8-02-05-0491	LIGHTING GENERATOR 7-15 KVA.	10	NOS.	General workshop requirements	Probably not Notifiable
08-8-02-05-0492	DIESEL ENGINE WATER PUMP.	6	NOS.	General workshop requirements	Unable to Determine
08-8-02-05-0493	CATERPILLAR ENG. MODEL 3412.	4	NOS.	General workshop requirements	Probably not Notifiable
08-8-02-05-0494	FUEL INJECTION PUMP TESTER	2	NOS.	General workshop requirements	Unable to Determine
08-8-02-05-0495	AUTOMATIC VOLTAGE REGULATOR (AVR).	40	ITEM	General workshop requirements	Unable to Determine
08-8-02-05-0496	WELDING GENERATORS 500 AMPS.	30	NOS.	General workshop requirements	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 23 OF 36

ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-05 : SERVICE AND PLANT EQUIPMENT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-05-0497	HOT TAPPING MACHINE WITH ACCESSORIES	2	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0498	SPARE PART FOR HOT TAPPING MACHINE	136	ITEM	Pipework & workshop items	Unable to Determine
08-8-02-05-0499	LATHE MACHINE	8	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0500	UNIVERSAL MILLING MACHINES.	2	NO.	Pipework & workshop items	Unable to Determine
08-8-02-05-0501	LIQUID FUEL FURNACE.	2	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0502	CRUCIBLE FOR CASTING	10	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0503	CIRCULAR SAW BLADES	10	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0504	JAW CHUCKS	40	SET	Pipework & workshop items	Unable to Determine
08-8-02-05-0505	B261- OXYGEN GENERATOR UNIT.	1	NO.	Pipework & workshop items	Unable to Determine
08-8-02-05-0506	MOTORIZED WELDING ROLLERS.	2	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0507	MACHINE FOR MAKING HEAD CUP ELLIPTICAL .	1	NO.	Pipework & workshop items	Unable to Determine
08-8-02-05-0508	CUTTING PLATE M/C (GUILLOTINE).	1	NO.	Pipework & workshop items	Unable to Determine
08-8-02-05-0509	ROLLING AND BENDING MACHINE .	1	NO.	Pipework & workshop items	Unable to Determine
08-8-02-05-0510	STATIONARY CUTTING MACHINE USING TWO TORCH .	2	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0511	MIG & TIG WELDING MACHINE.	6	NOS.	Pipework & workshop items	Unable to Determine
08-8-02-05-0512	AUTOMATIC WELDING MACHINE UP TO 3M DIAM.	1	NO.	Pipework & workshop items	Unable to Determine
08-8-02-05-0513	ELECTRIC CAR TYPE HEATING FURNACE	1	NO.	Pipework & workshop items	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 24 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-05 : SERVICE AND PLANT EQUIPMENT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-05-0514	PLANTS FOR NITROGEN,OXYGEN, ACYTELENE WITH ALL ACCESSORIES	10	ITEM	NDT requirements for geophysical survey department	Unable to Determine
08-8-02-05-0515	PRECISION DIGITAL LEVEL 360° , DISPLAY TEXT ENGLISH, MAGNETICALLY-DAMPED WITH ACCESSORIES.	10	NOS.	Requirements for geophysical surveys	Unable to Determine
08-8-02-05-0516	MOTORIZED ELECTRONIC TOTAL SURNEY STATION WITH AUTOMATIC TARGET RECOGNITION WITH ALL ACCESSORIES.	5	NOS.	Requirements for geophysical surveys	Unable to Determine
08-8-02-05-0517	GPS SYSTEM 500 WITH ALL ACCESSORIES.	4	NOS.	Requirements for geophysical surveys	Unable to Determine

LOCATION : ALL AREAS / CIVIL ENGINEERING EQUIPMENT
PROJECT 02-05 : SERVICE AND PLANT EQUIPMENT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-05-0518	WORK SHOP EQUIPMENT	100	ITEM	Workshop and engineering requirements	Unable to Determine
	Tools and equipment for workshops, cable jointing, testing and for generator test transferred from 08-7-00-0413	26	ITEM		
08-8-02-05-0519	MANUAL COMPACTOR VIBRATING PLATE	4	NOS.	Workshop and engineering requirements	Unable to Determine
08-8-02-05-0520	CONCRETE VIBRATOR ENGINE	10	NOS.	Workshop and engineering requirements	Probably not Notifiable
08-8-02-05-0521	ELECTRICAL DRILL HAMMER	4	NOS.	Workshop and engineering requirements	Not Notifiable
08-8-02-05-0522	MACHINES FOR WOOD WORKING	4	NOS.	Workshop and engineering requirements	Unable to Determine
08-8-02-05-0523	DIAMOND DISK SAW FOR CUTTING WOOD	24	NOS.	Workshop and engineering requirements	Probably not Notifiable
08-8-02-05-0524	GALVANIZED WATER PIPES OF (6) MT. LENGTH	40000	NOS.	Workshop and engineering requirements	Not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-05 : SERVICE AND PLANT EQUIPMENT
SHEET NO.: 25 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-05-0525	CORROSION MONITORING AND MEASURING DEVICES.	50	SET	Engineering and electrical requirements	Unable to Determine
08-8-02-05-0526	ELECTRICAL CUTTER FOR CUTTING IRON,	4	NOS.	Engineering and electrical requirements	Unable to Determine
08-8-02-05-0527	SPARE PARTS FOR DIESEL ENGINES FIAT	25	ITEM	Engineering and electrical requirements	Probably not Notifiable
08-8-02-05-0528	PETROL ENGINES & SPARE PARTS . DIESEL DRIVEN AIRCOMPRESSOR AND ASSOCIATED SPARES. Transferred from 08-8-02-05-0528	6 4 260	SET units pieces	Engineering and electrical requirements	Probably not Notifiable
08-8-02-05-0529	SPARE PARTS FOR CUMMINS ENGINE	70	ITEM	Engineering and electrical requirements	Probably not Notifiable
08-8-02-05-0530	SPARE PARTS FOR CENTRAL AIR CONDITIONING WINDOW TYPE & REFRIGERATOR	30	ITEM	Engineering and electrical requirements	Unable to Determine
08-8-02-05-0531	PIPING & FITTING DIFFERENT SIZE FOR DRINKING & INDUSTRIAL WATER Fresh water network materials transferred from 08-7-00-0448	50 3235	ITEM NOS.	Engineering and electrical requirements	Unable to Determine
08-8-02-05-0532	ELECTRICAL SPARE PARTS	70	ITEM	Engineering and electrical requirements	Probably not Notifiable
08-8-02-05-0533	SPARE PARTS FOR AIR COOLED ROTARY LIQUID CHILLER	20	ITEM	Engineering and electrical requirements	Unable to Determine
08-8-02-05-0534	WORKSHOP & TESTING EQUIP.	15	ITEM	Engineering and electrical requirements	Unable to Determine
08-8-02-05-0535	SPARE PARTS FOR MUFTIAH WATER TREATMENT STATION	70	ITEM	Industrial water supply	Unable to Determine
08-8-02-05-0536	MATERIALS FOR CONSTRUCTION ... VESSELS AND SHELTERS AT DEGASSING STATIONS	300	ITEM	Building requirements	Unable to Determine
08-8-02-05-0537	REVERSE OSMOSIS PLANTS	8	ITEM	Potable water for living camps	Unable to Determine
08-8-02-05-0538	PLASTIC PIPES (4"DIA.) 6MTR. LENGTH WITH ELBOWS AND TEES	20000	NOS.	As above	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 26 OF 37

ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 01-05 : SERVICE AND PLANT EQUIPMENT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-05-0539	TRACTOR UNIT (6X4) COMPLETE WITH SEMI TRAILER 50 TONS	5	NOS.	Transportation equipment for delivery and construction work	Probably not Notifiable
08-8-02-05-0540	TRACTOR UNIT 6*4 COMPLETE WITH 50 TONS LOW BED-SEMI TAILOR WITH RECOMMENDED SPARE PARTS	5	NOS.	Transportation equipment for delivery and construction work	Probably not Notifiable
08-8-02-05-0541	TRACTOR UNIT 6*4 COMPLETE WITH 70 TONS LOW BED-SEMI TAILOR WITH RECOMMENDED SPARE PARTS	5	NOS.	Transportation equipment for delivery and construction work	Probably not Notifiable
08-8-02-05-0542	Tractor unit (6x4) complete with semi trailer 100 tons with accessories	5	NOS.	Transportation equipment for delivery and construction work	Probably not Notifiable
08-8-02-05-0543	TRACTOR UNIT 6*4 COMPLETE WITH WATER TANK 36000 LT. WITH RECOMMENDED SPARE PARTS	10	NOS	Transportation equipment for water delivery	Unable to Determine
08-8-02-05-0544	TRACTOR UNIT 6*4 COMPLETE WITH FUEL TANK 36000 LT. WITH RECOMMENDED SPARE PARTS	10	NOS.	Transportation equipment for fuel delivery	Unable to Determine
08-8-02-05-0545	Truck tractor with tank semi trailer for the transportation of hydrochloric acid 32 % cap. 25000 ltrsupersedes 08-8-02-05-0545 amendment of 2 May '01:	4	NOS.	Transportation equipment for drilling and completion fluids	Unable to Determine
	BUS 30 SEATERS WITH SPARE PARTS (TRANSFERRED FROM 08-7-00-0482)	100			
	BUS 45 SEATERS WITH SPARE PARTS, (TRANSFERRED FROM 08-7-00-0483)	100			
	Truck with concrete mixer with (20) items spares transferred from 08-7-00-0469	3			
	FORK LIFT DIFFERENT CAPACITY WITH ACCESSORIES (50 ITEMS)	2			

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : ALL AREAS
PROJECT 02-06 : TESTING, INSPECTION, STUDIES,
SURVEYS & LABORATORIES
SHEET NO.: 27 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-06-0560	LABORATORY APPARATUS FOR WATER INJECTION	1000	NOS.	QC requirements for water plants	Unable to Determine
08-8-02-06-0561	EQUIPMENT AND ACCESSORIES FOR OIL WELL CEMENTING LABORATORIES	50	ITEM	QC requirements for site laboratories	Unable to Determine
08-8-02-06-0562	EQUIPMENT AND ACCESSORIES FOR CENTRAL LABORATORY	600	ITEM	QC requirements for il and gas testing	Unable to Determine
08-8-02-06-0563	ENGINEERING INSPECTION SERVICES FOR RUMAILA - HADITHA PIPELINES (SERVICE CONTRACT)	3	CONTRACT	Intelligent Pigging contract	Unable to Determine
08-8-02-06-0564	CATHODIC PROTECTION POTENTIAL SURVEY (SERVICE CONTRACT)	5	CONTRACT	Contract to evaluate condition of pipe coatings and protection	Unable to Determine
08-8-02-06-0565	ENGINEERING INSPECTION SERVICES OF AL-BAKER TERMINAL UNDER WATER STRUCTURE (SERVICE CONTRACT)	1	CONTRACT	TSC for Mina al-Bakr structural integrity	Unable to Determine
08-8-02-06-0566	EQUIPMENT , MATERIALS, AND ACCESSORIES FOR DESTRUCTIVE AND NON-DESTRUCTIVE INSPECTION ACTIVITIES	400	ITEM	NDT requirements for SOC	Unable to Determine
08-8-02-06-0567	EQUIPMENT , MATERIALS, AND ACCESSORIES FOR CORROSION AND CORROSION PREVENTION LABORATORY	300	ITEM	NDT requirements for SOC	Unable to Determine
08-8-02-06-0568	Equipment & Accessories for Central Laboratory.Transferred from 08-7-21-0274.	81		Engineering inspection manuals	Unable to Determine
08-8-02-06-0569	EQUIPMENT AND ACCESSORIES FOR GEOLOGICAL LABORATORIES	200	ITEM	Geological survey laboratory requirements	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 28 OF 36****ESTABLISHMENT NAME : SOUTH OIL COMPANY****LOCATION : ALL AREAS****PROJECT 02-06 : TESTING, INSPECTION, STUDIES,
SURVEYS & LABORATORIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-06-0570	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Unable to Determine
08-8-02-06-0571	TECHNICAL SERVICE / ASSISTANCE CONTRACT TO CARRY OUT EVALUATION & APPRAISAL STUDY OF THE MAIN PRODUCING RESERVOIRS IN SOUTHERN OIL FIELDS	4	CONTRACT	TSC for reservoir engineering	Unable to Determine
08-8-02-06-0572	OIL & WATER LAB TEST MATERIALS AND APPARATUS (OPERATIONS)	150	ITEM	General requirements for operational field laboratories	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 29 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : RATAWI (YAMAMA FORMATION – FIRST STAGE.)
PROJECT 02-07 : DEVELOPMENT PROJECT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-07-0580	Crude oil processing and treatment plant for the early production of 60 000 bpd, which include degassing bank.....	200	ITEM	Surface facilities for 5 - 10 new wells in new Ratawi field to sustain and boost current SOC production	Unable to Determine
08-8-02-07-0581	CRUDE OIL FLOW TANKS 5000 M3, TEST TANK 500 M3 AND BAD OIL TANK 700 M3 WITH ALL ACCESSORIES AND INSTRUMENTS.	4	ITEM	Associated crude oil flow tanks	Unable to Determine
08-8-02-07-0582	TRANSFER PIPES, FLOW LINES, INTERCONNECTING PIPING, STATION MANIFOLDS AND FLARE SYSTEMS FOR THE MOVEMENT OF OIL, GAS AND WATER TO AND FROM THE PROCESS STATION, WITH VALVES, FITTINGS, ACCESSORIES AND INSTRUMENTS.	100	ITEM	Associated flow lines and pipework to deliver production	Unable to Determine
	PIPE FITTINGS, VALVES AND PRESSURE GAUGES. Transferred from 08-7-31-0552	1	CONTRACT		
08-8-02-07-0583	CRUDE OIL AND WATER PUMPS, VARIOUS SIZE WITH ACCESSORIES.	10	SET	Associated pumps for new production	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 30 OF 36

ESTABLISHMENT NAME : SOUTH OIL COMPANY

LOCATION : RATAWI (YAMAMA FORMATION – FIRST STAGE.)

PROJECT 02-07 : DEVELOPMENT PROJECT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-07-0584	CONTROL SYSTEM, STATION.	200	ITEM	Control system for Ratawi field	Unable to Determine
08-8-02-07-0585	FIRE FIGHTING SYSTEM WITH TANKS, FOAM GENERATORS, HYDRANTS...ETC	100	ITEM	Fire fighting equipment for Ratawi field	Unable to Determine
08-8-02-07-0586	TELECOMMUNICATION SYSTEM COMPRISING OF 4 CHANNEL UHF SYSTEM WITH TOWER AND AUTOMATIC EXCHANGE.	200	ITEM	Telecommunication and control systems for Ratawi field	Unable to Determine
08-8-02-07-0587	ELECTRICAL SYSTEM TO INCLUDE 33/11 KV, 11/0.4 KV TRANSFORMERS AND SWITCHGEAR, O/H TRANSMISSION LINES, MEDIUM AND LOW VOLTAGE DISTRIBUTION NETWORK AND ACCESSORIES WITH EMERGENCY GENERATORS	4	SET	Electrical distribution network for Ratawi field	Unable to Determine
08-8-02-07-0588	TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	2	CONTRACT	TSC for engineering consultancy for Ratawi field	Unable to Determine
08-8-02-07-0589	SERVICE EQUIPMENT TO INCLUDE AC UNIT, DRINKING WATER, SEWAGE , CONSTRUCTION MATERIALS AND TOOLS	100	SET	Supporting services for Ratawi field development	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : MAJNOON OIL FIELD
(PILOT CRUDE OIL PRODUCTION)
PROJECT 02-08 : DEVELOPMENT PROJECT

SHEET NO.: 31 OF 36

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-08-0600	THIS IS THE INITIAL PHASE FOR UPDATING AVAILABLE INFORMATION & ASSESSING THE RESERVOIR BEHAVIOR OF MAJNOON FIELD IN ORDER TO OUT LINE THE BASIS OF THE FIELD FUTURE DEVELOPMENT. THE WORK INCLUDES:- - RESERVOIR & ENGINEERING CONSULTANCY CONTRACTS - WORK OVER OF SELECTED WELLS - PIPES & FITTINGS - PRODUCTION TEST BANK & TANKS	6	CONTRACT	TSC's to evaluate Manjoon field - there are 24 drilled wells of which SOC want to connect 13/15 to give 50/60.00 bpd production. First stage separation will be done in the field and oil transferred to Fao tank farm. The area is heavily mined.	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 32 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : SUBBA & LUHAIS
UPGRADING OF SUBBA & LUHAIS
FIELD (SURFACE INSTALLATION)
PROJECT 02-09 : DEVELOPMENT PROJECT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-09-0610	CRUDE OIL PRODUCTION BANK AND MANIFOLDS THREE/FOUR STAGE SEPARATORS TEST SEPARATOR, KO DRUM FLARE SYSTEM DRAIN SYSTEM UTILITIES, CHEMICAL INJECTION, FIRE FIGHTING SYSTEM, COMPRESS AIR SYSTEM, ELECTRICAL SYSTEM INCLUDING INTERCONNECTING AND TRANSFER PIPING AND CONTROL SYSTEM AND COMMUNICATION AND OTHER MINOR SUPPORT FACILITIES INCLUDED PIPELINES NAMELY CRUDE AND GAS LINES AND WATER LINES, INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	6	CONTRACT	Continuation of Phase 7 project undertaken by SCOP to upgrade separators to reach 80/100,000 bpd capacity	Unable to Determine
	Storage tanks transferred from 08-7-34-0564	5	Items	NON OIP new item Contract SOC/08/212	
	Treatment package of 1st stage gas of Luhais field transferred from 08-7-41-0626	13	Items	NON OIP new item contract SOC/08/201	
08-8-02-09-0611	DEHYDRATION AND DESALTING UNIT,50000 BPD CAPACITY COMPLETE WITH ALL COMPLEMENTARY SYSTEMS, CONTROLS AND ELECTRICAL.	200	ITEM	Complimentary activities to above	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 33 OF 36

ESTABLISHMENT NAME : SOUTH OIL COMPANY

LOCATION : ZUBAIR & HAMMAR &

RAFIDIA/UTILIZATION OF ZUBAIR GAS &

ENVIRONMENTAL PROTECTION (1ST STAGE)

PROJECT 02-10 : DEVELOPMENT PROJECT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-10-0620	A PACKAGE TO UTILIZE FIRST STAGE GAS FIVE DEGASSING STATION (ZUBAIR, ZUBAIR MISHRIF, HAMMAR, HAMMAR MISHRIF & RAFIDIA) CAPACITY ABOUT (140-150) MMSCF, PROJECT CONSIST MAINLY OF GAS RECOVERY UNITS AND DEHYDRATION UNITS WITH ALL SUPPORTING UTILITIES, BUT NOT LIMITED TO ABOVE, INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	6	CONTRACT	Contracts to utilize natural gas from Zubair region, transferred from Phase 7. Gas utilization will reduce the necessity for wasteful and polluting gas flaring	Unable to Determine
	COMPLETE COMPRESSORS	5	PCS		

MINISTRY OF OIL
SHEET NO.: 34 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
**LOCATION : WEST QURNA OIL FILLED / CONTINUATION OF
OIL FIELD UPGRADING, WATER
INJECTION (SURFACE INSTALLATION)**
PROJECT 02-11 : DEVELOPMENT PROJECT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-11-0625	- WATER INTAKE SYSTEM CONSIST OF :-			Project to complete second water injection system, and commence a 3rd, to enhance W Qurna production by an estimated 200,000 bpd of 23 API oil. System commenced in S Rumailah and now to be extended to W Qurna.	Unable to Determine
	- VARIOUS PUMPS FOR (1ST & 2ND LIFT), DRAINAGE, SEWAGE,WASHING WATER, EJECTOR, DOSING ,PROPORTIONING, EMERGENCY, TREATED WATER ,WASTE WATER, FLOOD PUMPS, DESALTED WATER, WATER SUPPLY, OTHER PUMPS & RELATED FUNCTIONS WITH SPARES		ITEM		
	- AIR BLOWERS, AIR SUPPLY SYSTEM & SPARES	160,750	m		
	- PIPES, VALVES, FITTINGS , MANIFOLDS & ACCESSORIES	200	ITEM		
	- CLUSTER PUMPING STATIONS & AUX. PUMPS & SPARES.				
	- VESSELS & ACCESSORIES.				
	- CHLORINATION SYS. WITH ALL ACCESSORIES, CONTAINERS, CYLINDERS... ETC & SPARES				
	- DESALINATION (R.O) UNIT WITH ACCESSORIES & SPARES.				
	- GATES & SCREENS FOR WATER INTAKE				
	- TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY				
	- TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY				
	- COMPLETION AND REHABILITATION OF DEOXYGENATION UNIT WITH SPARES	2	SET		
	- COMPLETION AND REHABILITATION OF FINISHING FILTERS WITH SUPPLY OF SPARES	14	SET		

MINISTRY OF OIL

SHEET NO.: 35 OF 36

ESTABLISHMENT NAME : SOUTH OIL COMPANY
 LOCATION : WEST QURNA OIL FILLED / CONTINUATION OF
 OIL FIELD UPGRADING, WATER
 INJECTION (SURFACE INSTALLATION)
 PROJECT 02-11 : DEVELOPMENT PROJECT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-11-0626	- TELECOMMUNICATION EQUIPMENT WITH SPARE	100	ITEM	Complimentary equipment for the development	Unable to Determine
	- FILTRATION PACKAGES & SPARE PARTS	300	ITEM	As above	
	- INSTRUMENT AIR & UTILITY AIR PACKAGE (RECEIVERS,COMPRESSORS..ETC)	2	SET	As above	
	- FIRE PROTECTION FACILITIES WITH SPARES	60	ITEM	As above	
	- GAS GENERATORS	4	SET	As above	
	- CABLES AND ACCESSORIES	20	ITEM	As above	
	- (mobile) outdoor substation (132/11KV) with spares	8	SET	As above	
	- accessories for (132 KV) overhead HT lines	2	SET	As above	

MINISTRY OF OIL
SHEET NO.: 36 OF 36
ESTABLISHMENT NAME : SOUTH OIL COMPANY
LOCATION : WEST QURNA AND NGL NORTH RUMAILA (SGC)
COMPLETION OF GAS UTILIZATION
PROJECT 02-12 : DEVELOPMENT PROJECT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-02-12-0630	COMPRESSORS HIGH & LOW PRESSURE CENTRIFUGAL GAS COMP. WITH GAS TURBINE DRIVER, ELEC. MOTOR...ETC & SPARE	20	SET	Requirements for gas removal and utilization to produce LNG from W Qurna field	Unable to Determine
08-8-02-12-0631	VESSELS AND SEPARATORS COMPLETE WITH AIR COOLERS (LOW AND HIGH PRESS.)	50	SET	As above	Unable to Determine
08-8-02-12-0632	GAS SWEETENING PACKAGE CONSISTS OF : - CONDENSERS, PUMPS, VESSELS, TANKS, ABSORBERS, REBOILERS, REGENERATORS, HEAT EXCHANGERS, AIR COOLERS...ETC AND SPARE PARTS	200	ITEM	As above As above As above As above	Unable to Determine
08-8-02-12-0633	GLYCOL GAS DEHYDRATION PACKAGES, INCLUDING: ABSORBERS, REGENERATORS HEAT EXCHANGERS, AIR COOLERS, REBOILERS, SEPARATORS, PUMPS, BLOWERS, TANKS, FILTER, PIPING...ETC - COMPLETION AND REHABILITATION OF GAS COMPRESSION LINES WITH SPARES	800 800	ITEM ITEM	As above	Unable to Determine
08-8-02-12-0634	TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	2	CONTRACT	As above	Unable to Determine
08-8-02-12-0635	BLOWERS AND PUMPS WITH SPARES	50	SET	As above	Unable to Determine
08-8-02-12-0636	PIPES AND FITTINGS	50	ITEM	As above	Unable to Determine

MINISTRY OF OIL

ESTABLISHMENT NAME : IRAQ DRILLING CO.

LOCATION : ALL AREAS

PROJECT 03-01 : MAINTENANCE & OPERATION

SHEET NO.: 1 OF 5

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-03-01-0650	SPARE PARTS FOR DRILLING & WORK OVER RIGS	160000	NOS.	Spares & equipment for drilling operations	Unable to Determine
08-8-03-01-0651	EQUIPMENT - FOR DRILLING AND WORK OVER RIGS	16663	NOS	As above	Unable to Determine
08-8-03-01-0652	OIL FIELD TRUCK - KENWORTH	2	NOS.	As above	Unable to Determine
08-8-03-01-0653	MOBILE WORK SHOP	2	NOS.	As above	Unable to Determine
08-8-03-01-0654	WORK SHOP EQUIPMENT & HAND TOOLS	6810	NOS.	As above	Unable to Determine
08-8-03-01-0655	DRILL PIPE & DRILL COLLARS	3000	NOS.	As above	Probably not Notifiable
08-8-03-01-0656	MUD PUMPS FOR RIGS	4	NOS.	As above	Unable to Determine
08-8-03-01-0657	mud systems and accessories	2	set	As above	Unable to Determine
08-8-03-01-0658	DRILLING CAMPS	2	NOS.	Accommodation for camps	Probably not Notifiable
08-8-03-01-0659	TOOL PUSHER CARAVAN	10	NOS.	Accommodation for camps	Probably not Notifiable

ESTABLISHMENT NAME : IRAQ DRILLING CO.
LOCATION : ALL AREAS
PROJECT 03-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-03-02-0665	WORK OVER RIG	2	NOS.	Work over requirements	Unable to Determine
08-8-03-02-0666	WATER WELL RIGS (300 M. DEPTH)	2	NOS.	Rigs for drilling 250 m for water	Unable to Determine
08-8-03-02-0667	TANKER FOR OIL (15 M ³)	4	NOS.	Oil collection	Unable to Determine
08-8-03-02-0668	DRILLING RING, transferred from 08-7-00-0701	17	SET		

MINISTRY OF OIL
ESTABLISHMENT NAME : IRAQ DRILLING CO.
LOCATION : ALL AREAS
PROJECT 03-04 : SAFETY & ENVIRONMENTAL PROTECTION

SHEET NO.: 3 OF 5

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-03-04-0675	SAFETY AND INSPECTION EQUIPMENT	15000	NOS.	Safety and NDT equipment	Unable to Determine
08-8-03-04-0676	PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ...ETC)	80000	NOS.	Personal safety equipment	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : IRAQ DRILLING CO.
LOCATION : ALL AREAS
PROJECT 03-05 : SERVICE AND PLANT EQUIPMENT
SHEET NO.: 4 OF 5

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-03-05-0680	SPECIAL TRUCK 1 1/2 TON WITH HYDRAULIC LIFT BACK DOOR drilling rig and associated spares, transferred from 08-7-00-0701	10 3000	NOS.	Requirements for drilling camps	Unable to Determine
08-8-03-05-0681	REFUSE COLLECTOR TRUCK refuse collector truck with spares	2	set	As above	Not Notifiable
08-8-03-05-0682	CESSPIT EMPTIER TRUCK cesspit emptier with spare parts	2	set	As above	Not Notifiable
08-8-03-05-0683	TRUCK WITH REFRIGERATED VAN	4	NOS.	As above	Probably not Notifiable
08-8-03-05-0684	SPARE PARTS FOR H. VEHICLE & EQUIPMENT WITH TYRES & BATTERIES	50000	NOS.	As above	Unable to Determine
08-8-03-05-0685	DESALINATION UNITS (SMALL R/O UNIT)	10	NOS.	R/O units for water "on-site"	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 5 OF 5

ESTABLISHMENT NAME : IRAQ DRILLING CO.
LOCATION : ALL AREAS
PROJECT 03-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-03-06-0690	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIERS WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spare parts and equipment prior to shipment to Iraq (PSI)	Unable to Determine

ESTABLISHMENT NAME : SCOP
LOCATION : ALL AREAS
PROJECT 04-04 : SAFETY & ENVIRONMENTAL PROTECTION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-04-04-0700	PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ... ETC)	20000	NOS.	Safety equipment	Unable to Determine

MINISTRY OF OIL

ESTABLISHMENT NAME : SCOP

LOCATION : ALL AREAS

PROJECT 04-05 : SERVICE AND PLANT EQUIPMENT

SHEET NO.: 2 OF 5

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-04-05-0705	PIPELINE BORING MACHINE & CLAMPS INTERNAL & EXTERNAL VARIOUS WITH RECOMMENDED SPARE PARTS	2	SET	Pipeline maintenance & repairs	Unable to Determine
08-8-04-05-0706	WELDING MACHINES DIESEL DRIVEN (600)A	25	NOS.	Pipeline maintenance & repairs	Probably not Notifiable
08-8-04-05-0707	ELECTRICAL WELDING MACHINES (600)A	25	NOS.	Pipeline maintenance & repairs	Probably not Notifiable
08-8-04-05-0708	GENERATOR SKID (250) KVA.	10	NOS.	Pipeline maintenance & repairs	Probably not Notifiable
08-8-04-05-0709	GENERATOR SKID (500) KVA.	5	NOS.	Pipeline maintenance & repairs	Probably not Notifiable
08-8-04-05-0710	SIDE BOOM EQUIVALENT TO 571	5	NOS.	Pipeline construction	Unable to Determine
08-8-04-05-0711	SIDE BOOM EQUIVALENT TO 572	9	NOS.	Pipeline construction	Unable to Determine
08-8-04-05-0712	DUMPER (1-2)M ³	10	NOS.	Pipeline construction	Unable to Determine
08-8-04-05-0713	LEVEL INSTRUMENT	15	NOS.	Pipeline construction	Unable to Determine
08-8-04-05-0714	THEODOLITE INSTRUMENT	15	NOS.	Pipeline construction	Unable to Determine
08-8-04-05-0715	TOTAL SURVEY STATION	3	NOS.	Pipeline construction	Unable to Determine
08-8-04-05-0716	SMALL TRACTOR	10	NOS.	Pipeline construction	Probably not Notifiable

MINISTRY OF OIL

SHEET NO.: 3 OF 5

ESTABLISHMENT NAME : SCOP

LOCATION : ALL AREAS

PROJECT 04-05 : SERVICE AND PLANT EQUIPMENT (SPARE FOR
FIELD MACHINERY)

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-04-05-0717	SPARE PART FOR THE FOLLOWING CONSTRUCTION MACHINERY :-			Spare parts requirements for plant and equipment	Unable to Determine
	- SIDE BOOMS (CAT 572R, 572, 583K)	300	ITEM	As above	
	- CRC- EVANS (BORING, BENDING, M/C)	250	ITEM	As above	
	- ELECTRICAL WELDING M/C. (LINCOLN (R3R-500) (R3R-600)	200	ITEM	As above	
	- WATER PUMPS (DEWATERING SIMPLE)	150	ITEM	As above	
	- GENERATORS (MUNRADTECH)	150	ITEM	As above	
	- TYRES FOR BUSES AND CARS	1350	NOS.	As above	
	- EXCAVATORS (CAE 9033, POCLAIN 160CK, 170CK)	400	ITEM	As above	
	- CRANES (P & H 25T)	250	ITEM	As above	
	- SHOVELS (CAT (950,966), LIEBHERR (551,451)	400	ITEM	As above	
	- BULLDOZERS (CAT D7G, D8K, D8N)	630	ITEM	As above	
	- GRADERS (CAT (14-G,140-G)	250	ITEM	As above	
	- HEAVY TRUCKS (RENAULT 280, SCANIA 112)	300	ITEM	As above	
	- DIESEL BUSES (NISSAN)	200	ITEM	As above	
	- LIGHT FIELD VEHICLES (TOYOTA 2Y, 3Y, 4Y, 2RR, 5M, 2F, 3F)	600	ITEM	As above	
	- PETROL BUSES (TOYOTA)	200	ITEM	As above	
	- LIGHT VEHICLES (PICKUP MITSUBISHI, PAJERO)	300	ITEM	As above	

MINISTRY OF OIL

SHEET NO.: 4 OF 5

ESTABLISHMENT NAME : SCOP

**LOCATION : BAGHDAD WORKSHOP FABRICATION AND
MAINTENANCE FOR OIL STORAGE TANKS AND HEAT
EXCHANGERS**

PROJECT 04-05 : SERVICE AND PLANT EQUIPMENT

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-04-05-0718	FLANGING MACHINE TO MANUFACTURE SHALLOW AND DEEP DISH ENDS	1	NO.	Requirements for tank and heat exchanger maintenance	Unable to Determine
08-8-04-05-0719	DISHING PRESS	1	NO.	As above	Unable to Determine
08-8-04-05-0720	VERTICAL TURRET LATHE WITH CUTTING DIA 2500MM (BORING M/C)	1	NO.	As above	Unable to Determine
08-8-04-05-0721	VERTICAL MILLING M/C WITH WORKING SPINDLE DIA 130 MM (NC)	2	NOS.	As above	Unable to Determine
08-8-04-05-0722	X-RAY EQUIPMENT FOR MAX. THICKNESS 50MM	1	Set	As above	Unable to Determine
08-8-04-05-0723	MOTORIZED ROLLER FOR SUBMERGED ARC WELDING (UP TO 20) TONS	4	NOS.	As above As above	Unable to Determine
08-8-04-05-0724	HYDROSTATIC TESTING SET UP TO 100 BAR	2	NOS.	As above	Unable to Determine
08-8-04-05-0725	IDLER MOTORIZED ROLLER FOR SUBMERGED ARC WELDING (UP TO 8) TON CAPACITY	2	NOS.	As above	Unable to Determine
08-8-04-05-0726	CABLES handling tools	200 150	KM. No	As above	Not Notifiable

MINISTRY OF OIL

ESTABLISHMENT NAME : SCOP

LOCATION : ALL AREAS

PROJECT 04-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES

SHEET NO.: 5 OF 5

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-04-06-0735	TRAINING OF TECHNICAL PERSONNEL ON TECHNOLOGIES, PROCESSES, SYSTEMS AND EQUIPMENT RELATED TO THE VARIOUS SECTORS OF THE INDUSTRY (UPSTREAM, DOWNSTREAM, DISTRIBUTION) COVERING VARIOUS ASPECTS SUCH AS STUDIES, EVALUATION, DESIGN, TESTING OPERATION, TROUBLESHOOTING AND PROBLEM SOLVING .. THE TRAINING TO BE CARRIED (INSIDE AND OUTSIDE IRAQ) ACCORDING TO PRE-AGREED PROGRAMS OUTLINED IN CONTRACTS TO BE SIGNED WITH SPECIALIZED INSTITUTES AND TRAINING ESTABLISHMENTS [MOO]	6	CONTRACT	Training contracts, both internal and external, to cover all aspects of oil industry operation	Unable to Determine
08-8-04-06-0736	TECHNICAL ASSISTANCE CONTRACTS TO CARRY OUT EVALUATION & APPRAISAL STUDIES / TECHNICAL ASSISTANCE / CONSULTANCIES FOR THE PURPOSE OF IDENTIFYING SOLUTIONS /	6	CONTRACT	TSC's for various technical studies and consultancy to identify and evaluate the	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
PROJECT 05-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 11

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-01-0740	SPARE PARTS FOR SURVEY EQUIPMENT	31	SET	Requirements for maintenance and repair of geological survey equipment	Unable to Determine
	- GEB 71 UNIVERSAL BATTERY, 12V 7AH NICD, RECHARGEABLE	5	NOS.	As above	
	- PLUG-IN BATTERY GEB 77 FOR T 1600/ TC 1600	3	NOS.	As above	
	- BATTERY CABLE FOR DI 4 L/D 15 TO FIT BATTERY	5	NOS.	As above	
	- BATTERY CABLE FOR T 1600/TC 1600	3	NOS.	As above	
	- REC MODULE GRM 10,1 M BYTE	3	NOS.	As above	
	- BATTERY CHARGER	3	NOS.	As above	
	- GST 20 TRIPPOLE, TELESCOPIC , WITH ACCESSORIES	5	NOS.	As above	
	- THREE-PRISM HOLDER GPH 3	3	NOS.	As above	
	- READER GIF 10 FOR REC MODULE	1	NO.	As above	
	PROFESSIONAL LINAGRAPH DIRECT PRINT PAPER (ROLLS)	10	ROLL	Specialized printing paper	
08-8-05-01-0741	3D seismic acquisition recording system 960 channels dual source	1	SET	Seismic recording system	Unable to Determine
08-8-05-01-0742	SPARES FOR SEISMIC EQUIPMENT (MECHANICAL, ELECTRICAL, ELECTRONIC)	1	SET	Spares for above	Unable to Determine
08-8-05-01-0743	seismic drilling rig 150m depth on truck 6*6 with spare parts	6	NOS.	Mobile rigs for seismic survey	Unable to Determine
	drillin pipes	6000	ft		
	spare parts	10	set		

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
**PROJECT 05-02 : REHABILITATION / REVAMPING OF
EXISTING INSTALLATIONS**
SHEET NO.: 2 OF 11

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-02-0750	SPARE & MATERIALS FOR DATA TRANSCRIPTION SYSTEM			Data system for transferring deteriorating archives from tape	Unable to Determine
	- EXABYTE (ELIENT) MODEL 870ST WITH SINGLE ENDED SCSI	1	NO.	As above	
	- DLT 4000 DRIVE WITH I/F AND CABLES FOR WIDE SCSI	1	NOS.	As above	
	- MODIFIED TAPE DRIVE 3418 S	2	NO.	As above	
	- DLT TAPE IV FOR DLT 4000	50	NOS.	As above	
	- EXABYTE 160M XL CARTRIDGE RS-8MM	50	NOS.	As above	
	- OTHER ACCESSORIES	5	SET	As above	
08-8-05-02-0751	SOFTWARE INCLUDING :-			Software for geophysical survey data and applications	Probably not Notifiable
	- GEOPHYSICAL DATA PROCESSING SOFTWARE CAN BE RUN ON P.C. FOR 12 USERS	1	SET	As above	
	-LOGCARD (WELL LOG DIGITIZING SERVICES)	1	SET	As above	
	-PETREL (ADVANCED GEOLOGICAL MODELING IN 3D.)	1	SET	As above	
	- HDS (LOG ANALYSIS PROGRAM)	1	SET	As above	
	-GEOLOGICAL & RESERVOIR APPLICATIONS (GOCAD, JACTA, GOCAD VR, OPENSPIRIT, LESA, RIS-VIEW AND RIS-INFO)	1	SET	As above	

MINISTRY OF OIL

ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
PROJECT 05-03 :SUSTAINING & ENHANCING
PRODUCTION CAPABILITIES

SHEET NO.: 3 OF 11

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-03-0755	GEOPHYSICAL FIELD EQUIPMENT & RELATED UTILITIES CONSISTS OF:-			Geophysical survey requirements	Unable to Determine
	- COMPLEMENTARY PARTS FOR SN-388 DIGITAL RECORDING SYSTEM	30	ITEM	As above	
	- GEOPHONE STRINGS (12 GEOPHONE STRINGS)	2400	SETS	As above	
	- ONE SET GPS (GLOBAL POSITIONING SYSTEM) WITH ALL ACCESSORIES	1	SET	As above	
	- COMPLETE SURVEYING STATION INCLUDING AUTOMATIC TARGET	1	NO.	As above	
	REMOTE CONTROL WITH ALL ACCESSORIES.			As above	
08-8-05-03-0756	TRANSCIVERS CONSISTS OF:			As above	Unable to Determine
	- LOCAL CONTROL DESK TOP HF/SSB BASE STATION	5	NOS.	As above	
	TRANSCEIVER 125W., 1.6 - 30 MHZ POWER SUPPLY			As above	
	-HF PORTABLE TRANSCEIVER , 30 WATT , 1.6 - 30 MHZ SELF CONTAINED COMFORTABLE PADDED CANVAS BACK - PACK	6	NOS.	As above	
	- MAINTENANCE & TROUBLE SHOOTING TEST SET FOR VHF & HF TRANSCEIVERS COMPLETE WITH ACCESSORIES	1	NO.	As above	
	-RECOMMENDED SPARE PARTS FOR TRANSCEIVERS	2	SET	As above	

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
SHEET NO.: 4 OF 11
PROJECT 05-04 : SAFETY & ENVIRONMENTAL PROTECTION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-04-0760	firefighting truck (foam,water and dry powder) with spare parts	2	SET	Fire fighting equipment	
08-8-05-04-0761	ENVIRONMENT, SAFETY & TESTING RELATED EQUIPMENT FOR OIL STAFF OFFICES & RESIDENTIAL VILLAGE INCLUDING :-			Fire and safety equipment	Unable to Determine
	- PERSONNEL SAFETY WEAR (BOOTS, SAFETY BOOTS,OIL & CHEMICAL	500	PAIR	As above	
	RESISTANCE BOOTS,GOGGLES, COATS, HELMET, GLOVES...ETC)	500	NOS.	As above	
	- BREATHING DEVICE WITH BREATHING MASK	5	NOS.	As above	
	- ANTI FIRE SUITE COMPLETE WITH ACCESSORIES	12	NOS.	As above	
	- DRY POWDER FIRE EXTINGUISHER 50 KGS CAPACITY ON WHEEL CARRIAGE.	20	NOS.	As above	
	- DRY POWDER FIRE EXTINGUISHER 12 & 6 KGS CAPACITY	80	NOS.	As above	
	- CO2 FIRE EXTINGUISHER 6 & 1KGS CAPACITY	100	NOS.	As above	
	- FIRE HOSE REEL 2.5 INCH DIAMETER EACH REEL 200 METER	10	NOS.	As above	
	- MOVABLE HOSE INJECTOR + NOZZLE 2.5 INCH DIAMETER	10	SET	As above	
	- FIXED HOSE INJECTOR + NOZZLE 2.5 INCH DIAMETER	20	NOS.	As above	
	- SHOWER BENCH MOUNTED FOR EYE, FACE, WASH UNIT CONNECTED TO PORTABLE WATER SUPPLY.	5	NOS.	As above	
	- COATS LABORATORY(A- FLAME RETARDANT, B-CHEMICAL) RESISTANT, RESISTANT TO MOST COMMON CHEMICAL WITH HOOD)	30	NOS.	As above	
	- EYE,FACE & NECK PROTECTION	60	NOS.	As above	

MINISTRY OF OIL
SHEET NO.: 5 OF 11

ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
PROJECT 05-04 : SAFETY & ENVIRONMENTAL PROTECTION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-04-0762	- RESPIRATOR FOR A-HYDROGEN FLUORIDE, B-MERCURY & OTHER VAPOURS	50	SET	Safety equipment	Unable to Determine
	RESPIRATOR (WITH FILTERS) FOR:-	20	SET	As above	
	- ORGANIC /INORGANIC ACID GAS	50	NOS.	As above	
	- GLOVES, LAMINATED CHEMICAL RESISTANT, HEAT AND WATER RESISTANT	30	PAIR	As above	
	- MERCURY COLLECTOR WITH REPLACEMENT PADS (PACK OF12)	10	NOS.	As above	
	- BOOTS , OIL RESISTANT , HEAT RESISTANT UP TO 300C°	50	PAIR	As above	
	- ACID STORAGE CABINETS.	5	NOS.		
	- FLAMMABLE LIQUID SAFETY STORAGE CABINETS.	5	NOS.	As above	

MINISTRY OF OIL

ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS / SEISMIC PARTIES
PROJECT 05-05 : SERVICE AND PLANT EQUIPMENT

SHEET NO.: 6 OF 11

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-05-0765	RUBBER TANK (8M3 CAPACITY) FOR DRINKING WATER	3	NOS.	Equipment for seismic survey field crews	Unable to Determine
	RUBBER TANK (12 M3 CAPACITY) FOR FUEL	3	NOS.	As above	Unable to Determine
08-8-05-05-0766	watertanker 8m3 with spare parts,	3	SET	As above	Unable to Determine
	water tanker 30M3 capacity with spare parts	3	SET	As above	Unable to Determine
08-8-05-05-0767	fuel tanker (8M3 & 30M3 capacity) with spare parts	3	SET	As above	Unable to Determine
08-8-05-05-0768	mobile workshop (medium) with spare parts	3	SET	As above	Unable to Determine
08-8-05-05-0769	DUMPER (1 M ³ CAPACITY)	2	NOS.	As above	Unable to Determine
08-8-05-05-0770	SPARE PARTS FOR DIESEL GENERATOR 700, 200, 100 KVA	5	SET	As above	Probably not Notifiable
08-8-05-05-0771	SPARE PARTS FOR DIESEL GENERATOR KVA	1	SET	As above	Probably not Notifiable
08-8-05-05-0772	SPARE PARTS FOR DIESEL GENERATOR KVA	1	SET	As above	Probably not Notifiable
08-8-05-05-0773	SPARE PARTS FOR SWITCH GEAR H-T 12 KV,1250A-25 KA TYPE OD3 OIL-BLAST CIRCUIT-BREAKERS	2	SET	As above	Probably not Notifiable
08-8-05-05-0774	SPARE PARTS FOR SWITCHES INVOLTAGE 10 / 12 KV	1	NO.	As above	Probably not Notifiable
08-8-05-05-0775	PIPE AND DRAIN CLEANING MACHINE WITH SPIRALS & TOOLS	1	SET	As above	Unable to Determine
08-8-05-05-0776	AIR COMPRESSOR TYPE SRD 250-2-9 DRIVE POWER 1.36 KW	1	SET	As above	Probably not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
**PROJECT 05-06 : TESTING , INSPECTION , STUDIES ,
SURVEYS & LABORATORIES**
SHEET NO.: 7 OF 11

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-06-0781	GEOLOGICAL STUDIES AND LABORATORY RELATED EQUIPMENT	30	SET	Laboratory equipment and consumables for geophysical testing	Unable to Determine
	GEOCHEMICAL INSTRUMENTS CONSIST :-				
	- OVEN CAPACITY, 53 LITERS, TEMP RANGE:- (0-500)C			As above	
	- SENSITIVE ELECTRONIC BALANCE (TWO STAGES) CAPACITY 210/42			As above	
	GM READABILITY 0.1/0.01 MG			As above	
	- CENTRIFUGE SPEED MAX, 17,000 RPM 220V.			As above	
	- REFRIGERATOR CAPACITY, 142 LITERS, 220V			As above	
	- ELECTRIC TITRATION (MULTI DOSIMAT UP DATE)			As above	
08-8-05-06-0782	- VACUUM PUMP 8×10^{-2} BAR	2	SET	As above	Unable to Determine
	- ULTRASONIC BATH CAPACITY=3 LTR,				
	EVAPORATOR COMPLETE WITH DRIVE MOTOR ELECTROTHERMAL HEATER AS A LIQUID BATH FOR EVAPORATION. THE BATH WILL ACCEPT FLASKS UP TO 2 LITERS CAPACITY				

MINISTRY OF OIL

ESTABLISHMENT NAME : OIL EXPLORATION COMPANY

LOCATION : ALL AREAS

PROJECT 05-06 : TESTING , INSPECTION , STUDIES ,
SURVEYS & LABORATORIES

SHEET NO.: 8 OF 11

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-06-0783	MORTAR GRINDER, FOR UNIVERSAL MICROMILLING DOWN TO ANALYTICAL FINENESS FOR DRY OR WET COMMINATION OF ORGANIC AND NON ORGANIC SAMPLES FOR ANALYSIS ,QUALITY CONTROL AND MATERIAL	2	SET	Laboratory equipment	Unable to Determine
08-8-05-06-0784	CHROMATOGRAPHIC COLUMNS FOR GAS CHROMATOGRAPHY (GLC)	6	SET	Laboratory equipment	Unable to Determine
	- INNER DIAMETER 10 MM EFFECTIVE LENGTH 400 MM	6	SET		
	- INNER DIAMETER 10 MM EFFECTIVE LENGTH 250 MM.				
08-8-05-06-0785	MULTIPETTE COMBITIPS CAPACITY, 5ML, 10 ML, 25 ML (PACK OF 50) TOGETHER WITH PIPETTE FILLERS RELEASE OF SPRING LOADED PLUNGER FILLS PIPETTE TO APPROXIMATE LEVEL.	8	SET	Laboratory equipment	Unable to Determine
08-8-05-06-0786	FURNACE TONGS, STRAIGHT, 500 MM TOGETHER WITH BRUSHES, BURETTE, BRISTLE ON TINNED IRON WIRE, SPONGE END.	11	SET	Laboratory equipment	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
**PROJECT 05-06 : TESTING , INSPECTION , STUDIES ,
SURVEYS & LABORATORIES**
SHEET NO.: 9 OF 11

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-06-0787	ORGANIC CARBON DETERMINATER INSTRUMENT (LECO)	1	SET	Laboratory equipment	Unable to Determine
08-8-05-06-0788	HELIUM GAS CYLINDER (FILLED), (9-12 CU.M.)	10	SET	Laboratory equipment	Unable to Determine
08-8-05-06-0789	CRUSHED ICE MAKER DIMENSIONS (438 x 285 x 570)MM (WXDXH) 220V	1	SET	Laboratory equipment	Probably not Notifiable
08-8-05-06-0790	PETROGRAPHIC POLARIZED MICROSCOPE WITH ROTATED STAGE, ATTACHED TO A P.C. AND TWIN CAMERAS.	1	SET	Laboratory equipment	Unable to Determine
08-8-05-06-0791	SEDEMINTOLOGICAL INSTRUMENTS CONSIST OF:-			Laboratory equipment	Unable to Determine
	-BINOCULAR REFLECTED-LIGHT MICROSCOPE ATTACHED TO A P.C.	2	SET		
	WITH SOFTWARE AND CAMERA				
	-MICRO-DIASCOPE FOR THIN SECTIONS FOR PROJECTION OF ENLARGED	2	SET	Laboratory equipment	
	IMAGES OF THIN SECTIONS ON TO A VERTICAL VIEWING SCREEN			Laboratory equipment	
	- X-RAY SPECTROSCOPY SYSTEM (XRF)	1	SET	Laboratory equipment	
	- X-RAY POWDER DIFFRACTION SYSTEM (XRD)	1	SET	Laboratory equipment	
	- BENZENE FOR CRUDE OIL ANALYSIS	50	LIT.	Laboratory consumables	
	- HYDROCHLORIC ACID 37%	50	LIT.	Laboratory consumables	
	- HYDROFLUORIC ACID 71%	50	LIT.	Laboratory consumables	Notifiable
	- HYDROFLUORIC ACID 40%	50	LIT.	Laboratory consumables	Notifiable
	- NITRIC ACID FOR OXIDATION OF ORGANIC MATTER	10	LIT.	Laboratory consumables	

MINISTRY OF OIL
SHEET NO.: 10 OF 11

ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
PROJECT 05-06 : TESTING , INSPECTION , STUDIES ,
SURVEYS & LABORATORIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-06-0792	CONTRACT FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of equipment and materials to determine compliance	Unable to Determine
08-8-05-06-0793	PETROPHYSICAL INSTRUMENTS CONSIST OF:-			Laboratory equipment	Unable to Determine
	- CAPILLARY PRESSURE TEST APPARATUS, MERCURY PUMP, MERCURY INJECTION CAPILLARY PRESSURE AT UP TO 2000 PSIG.	1	SET		
	- ARCHIMEDES WEIGHING STATION	1	SET	Laboratory equipment	
	-OBTAIN BUOYANT WEIGHT FOR DETERMINATION OF SATURATED PORE VOLUME.				
	- ELECTRONIC BALANCE-TOP LOADING (0-300) GM	1	SET	Laboratory equipment	
	- ELECTRIC STIRRER-MIXING LIQUID ELECTRICALLY	1	SET	Laboratory equipment	
	- CORE PLUGGING MACHINE	1	SET	Laboratory equipment	
	- PETROSCOPE FOR THIN SECTION	1	SET	Laboratory equipment	
	- STEREO ANALYSIS SYSTEM (PHOTO DIGITIZER)	1	SET	Laboratory equipment	

MINISTRY OF OIL
SHEET NO.: 11 OF 11
ESTABLISHMENT NAME : OIL EXPLORATION COMPANY
LOCATION : ALL AREAS
**PROJECT 05-06 : TESTING , INSPECTION , STUDIES ,
SURVEYS & LABORATORIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-05-06-0794	PREPARATION INSTRUMENTS CONSIST OF:-			Core Testing equipment	Unable to Determine
	- THIN-LAMINATED MULTIPLATE GRINDER FOR (1-20) SAMPLES	1	SET	As above	
	- LAPPING PRESS SET FOR THIN LAMINATIONS	1	SET	As above	
	- PRECISION CUTTING MACHINE	1	SET	As above	
	- HEATING BONDING PRESS	1	SET	As above	
	- PLUG PARALLEL DRESSING M/C TWO DIAMOND DISCS AUTOMATIC	1	SET	As above	
	- CORE SLABBING MACHINE	1	SET	As above	
	- AUTOMATIC POLISHING MACHINE FOR PLUG SAMPLES	1	SET	As above	
	- CUTTING AND LAPPING MACHINE FOR PREPARATION OF MINERALOGICAL SAMPLES	1	SET	As above	
	- CORE CUTTING MACHINE	1	SET	As above	
	- LEVELING CUTTING MACHINE	1	SET	As above	
	- PLUG CUTTING MACHINES	1	SET	As above	
	- GRINDING MACHINE FOR PLUGS	1	SET	As above	
	- CALCIMETR DIGITAL	1	SET	As above	

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
LOCATION : BAIJI
PROJECT 06-01 : MAINTENANCE & OPERATION

SHEET NO.: 1 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-01-0800	EQUIPMENT FOR EXISTING LUBE OIL COMPLEX :-			Spare parts for maintenance and repair of existing Lube Oil plant, to reinstate second production line.	
	- INSTRUMENTATION :				
	- FIELD INSTRUMENTS	150	SET	As above	Unable to Determine
	- CONTROL ROOM INSTRUMENTS	150	SET	As above	Unable to Determine
	- PROCESS CONTROL COMPUTER & MONITORS	20	SET	As above	Notifiable
	- ANALYTICAL INSTRUMENTS	50	SET	As above	Unable to Determine
	- ELECTRICAL EQUIPMENT WITH SPARES	100	SET	As above	Probably Not Notifiable
	- COOLING TOWER PACKING & ANCILLARIES	4	SET	As above	Unable to Determine
	- TUBE BUNDLES & FIN- FAN AIR COOLERS	50	SET	As above	Unable to Determine
	- COLUMNS & INTERNALS	5	SET	As above	Unable to Determine
	- HEATERS & ANCILLARIES	4	SET	As above	Probably Not Notifiable
	- PIPES OF DIFFERENT MATERIALS & SIZES	10000	MTR.	As above	Unable to Determine
08-8-06-01-0801	- SPARE PARTS FOR THE EXISTING MANUFACTURING	800	SET	As above	Unable to Determine
	- MACHINES FOR BOTTLES, CANS AND BARRELS			As above	Unable to Determine
	EQUIPMENT FOR SALAHUDDIN 1 & 2 :-			Requirements for maintenance of 2 crude oil distillation units	
	- INSTRUMENTATION AND CONTROL SYSTEM WITH RECOMMENDED SPARES :				
	- U.P.S SYSTEM	250	SET	As above	Not Notifiable
	- FIELD INSTRUMENTS	500	SET	As above	Unable to Determine
	- ANALYZERS	25	NOS.	As above	Unable to Determine
	- CONTROL ROOM INSTRUMENTS	250	SET	As above	Unable to Determine
	- EXCHANGE & INTERCOM SYSTEM	25	SET	As above	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 2 OF 12

ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
 LOCATION : BAIJI
 PROJECT 06-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-01-0802	- EXTENSION CABLE FOR T.C & SIGNAL CABLES	10000	MTR.	General maintenance requirements for refinery	Not Notifiable
	- PLC SYSTEMS	50	SET	As above	Not Notifiable
	- SPARE PARTS FOR PROCESS CONTROL COMPUTERS & MONITORS	50	SET	As above	Probably Not Notifiable
	- ANALYTICAL INSTRUMENTS	25	NOS.	As above	Unable to Determine
	- ELECTRICAL EQUIPMENT WITH RECOMMENDED SPARE PARTS				
	- LIGHTING & LIGHTING FIXTURES	250	SET	As above	Not Notifiable
	- ELECTRICAL FIELD & CONTROL EQUIPMENT	500	SET	As above	Unable to Determine
	- CABLES	5000	MTR.	As above	Not Notifiable
	- SPARE PARTS FOR EXISTING ELECTRICAL EQUIPMENT	1000	SET	As above	Probably Not Notifiable
	- CIVIL ENGINEERING MATERIALS, INSULATION ...ETC.) WITH RECOMMENDED SPARE PARTS	200	SET	As above	Not Notifiable
	- HEAT EXCHANGER BUNDLES & AIR COOLER FIN FAN BUNDLES	50	SET	As above	Unable to Determine
08-8-06-01-0803	EQUIPMENT FOR NORTH REFINERY :-				
	- HEAT EXCHANGER BUNDLES & AIR COOLER FIN FAN BUNDLES	50	SET	As above	Unable to Determine
	- GASKETS	500	SET	As above	Not Notifiable
	- BEARINGS	250	SET	As above	Not Notifiable
	- INSTRUMENTATION AND CONTROL SYSTEM WITH RECOMMENDED SPARES :				Unable to Determine
	- U.P.S SYSTEM	250	SET	As above	Not Notifiable
	- FIELD INSTRUMENTS	500	SET	As above	Unable to Determine
	- ANALYZERS	25	NOS.	As above	Unable to Determine
	- CONTROL ROOM INSTRUMENTS	250	SET	As above	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
LOCATION : BAIJI
PROJECT 06-01 : MAINTENANCE & OPERATION

SHEET NO.: 3 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-01-0804	- FIELD & CONTROL EQUIPMENT	500	SET	As above	Unable to Determine
	- PLC SYSTEM	50	SET	As above	Not Notifiable
	- EXCHANGE & INTERCOM SYSTEM	25	SET	As above	Unable to Determine
	- EXTENSION CABLE FOR T.C & SIGNAL CABLES	10000	MTR.	As above	Not Notifiable
	- ELECTRICAL EQUIPMENT WITH RECOMMENDED SPARES :				
	- SPARE PARTS FOR EXISTING ELECTRICAL EQUIPMENT	1000	SET	As above	probably not Notifiable
	- CABLES	5000	MTR.	As above	not Notifiable
	- LIGHTING & LIGHTING FIXTURES	250	SET	As above	Not Notifiable
	- CIVIL ENGINEERING MATERIALS, INSULATION ...ETC.				probably Not Notifiable
	WITH RECOMMENDED SPARE PARTS	200	SET	As above	probably not Notifiable
	- SUPER HEATERS FOR EXISTING BOILERS	10	SET	As above	Not Notifiable
	- BURNERS	100	SET	As above	Not Notifiable
	- COOLING TOWERS PACKING & ACCESSORIES	50	SET	As above	Unable to Determine
	- SPARE PARTS FOR EXISTING WASTE WATER PLANT	100	SET	As above	Unable to Determine
08-8-06-01-0805	CATALYSTS	500	TON	Catalysts for 3 * HDS units	Unable to Determine
08-8-06-01-0806	CHEMICALS FOR PROCESS UNITS	1000	TON	Corrosion inhibitors etc	Unable to Determine
08-8-06-01-0807	CHEMICALS FOR COOLING WATER CIRCULATION	800	TON	Biocides etc	Unable to Determine
08-8-06-01-0808	CHEMICALS FOR BOILER FEED WATER	600	TON	Caustic, anti-foams etc	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
LOCATION : BALJI
PROJECT 06-01 : MAINTENANCE & OPERATION

SHEET NO.: 4 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-01-0809	ADDITIVES :-			Additives to improve product quality	
	- TETRA ETHYL LEAD (T.E.L)	500	TON	As above	Not Notifiable
	-ADDITIVES FOR MOTOR ENGINE OILS	500	TON	As above	Probably Not Notifiable
	-ADDITIVES FOR DIESEL ENGINE OILS	1000	TON	As above	Probably Not Notifiable
	-ADDITIVES FOR VISCOSITY INDEX IMPROVEMENT	100	TON	As above	Probably Not Notifiable

NOTE: The Phase VIII Oil spares distribution plan has been approved by the Secretary-General, and reviewed by the Security Council Committee established by resolution 661 (1990). Pursuant to paragraph 18 of resolution 1284 (1999) and paragraph 9 of resolution 1302 (2000) the Security Council Committee has determined those Sector Item Codes for which applications are to be circulated to the Committee. These Sector Item Codes are shaded in blue. Applications related to the remaining Sector Item Codes, i.e. those that are not shaded, can be approved by the Group of Experts, provided they do not contain items that are on the "1051 list".

MINISTRY OF OIL

SHEET NO.: 5 OF 12

ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
LOCATION : BAIJI
PROJECT 06-02 : REHABILITATION / REVAMPING OF EXISTING INSTALLATION

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-02-0820	EQUIPMENT FOR LUBE OIL COMPLEX :			Revamping of existing unit	
	- COMPLETE CHILLERS WITH RECOMMENDED SPARE PARTS	30	SET	As above	Unable to Determine
	-COMPLETE (PUMPS, COMPRESSORS AND TURBINES ... ETC.) WITH RECOMMENDED SPARE PARTS	200	SET	As above	Unable to Determine
	- MACHINES FOR MANUFACTURING BOTTLES , CANS AND BARRELS WITH RECOMMENDED SPARE PARTS	50	SET	As above	Unable to Determine
	-PLATES FOR MANUFACTURING BARRELS	1000	TON	As above	Unable to Determine
	- COMPLETE MECHANICAL SEAL AND ACCESSORIES	1200	NOS.		
08-8-06-02-0821	EQUIPMENT FOR SALAHUDDIN 1 & 2 :-			Revamping of existing units	
	-COMPLETE (PUMPS, COMPRESSORS, TURBINES ...ETC.) WITH RECOMMENDED SPARE PARTS	50	SET	As above	Unable to Determine
	-VESSELS, COLUMNS, DRUMS, AND FLARE VESSELS	30	SET	As above	Unable to Determine
	- TANKS OF DIFFERENT SIZES	8	SET	As above	Unable to Determine
	- PIPES	5000	MTR.	As above	Unable to Determine
	- FITTINGS	1000	SET	As above	Probably Not Notifiable
	-ELECTRICAL EQUIPMENT WITH RECOMMENDED SPARE PARTS :				
	- MOTORS WITH RECOMMENDED SPARES	50	SET	As above	Not Notifiable
	- TRANSFORMERS	50	SET	As above	Probably Not Notifiable
	- SUBSTATIONS	25	SET	As above	Unable to Determine
	- COMPRESSORS FOR REFRIGERATORS	200	NOS.	As above	Probably Not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
LOCATION : BAIJI
PROJECT 06-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION

SHEET NO.: 6 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-02-0822	EQUIPMENT FOR NORTH REFINERY :-			Requirements for refinery rehabilitation	
	- COMPLETE (PUMPS, COMPRESSORS, TURBINES...ETC.) WITH RECOMMENDED SPARE PARTS	150	SET	As above	Unable to Determine
	-VESSELS, COLUMNS, DRUMS, AND FLARE VESSELS	50	SET	As above	Unable to Determine
	- TANKS OF DIFFERENT SIZES	10	SET	As above	Unable to Determine
	- PIPES OF DIFFERENT SIZES & MATERIALS	8000	MTR.	As above	Unable to Determine
	- FITTINGS	2000	SET	As above	Probably Not Notifiable
	- ELECTRICAL EQUIPMENT WITH RECOMMENDED SPARE PART				
	- PROCESS CONTROL COMPUTERS & MONITORS	50	SET	As above	Notifiable
	- TRANSFORMERS	60	SET	As above	Probably Not Notifiable
	- MOTORS	50	SET	As above	Not Notifiable
	- SUBSTATIONS	25	SET	As above	Unable to Determine
	- AIR CONDITIONING EQUIPMENT	100	SET	As above	Unable to Determine
	- GENERATORS (TURBO GAS AND DIESEL)	20	SET	As above	Unable to Determine

08-8-06-02-0823	Repair and maintenance of four boilers	1	CONTRACT		
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MINISTRY OF OIL

SHEET NO.: 7 OF 12

ESTABLISHMENT NAME : NORTH REFINERIES COMPANY

LOCATION : BALJI

PROJECT 06-03 : SUSTAINING & ENHANCING PRODUCTION

CAPABILITIES

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-03-0830	TANK FARMS : - NEW TANKS FLOATING AND FIXED OF DIFFERENT CAPACITIES WITH ACCESSORIES FOR CRUDE & PRODUCTS	33	NOS.	Replacement of the 75 destroyed storage tanks in the refinery	Unable to Determine
08-8-06-03-0831	WHOLE NAPHTHA TRANSPORTATION SYSTEM INCLUDING (PIPELINES, PUMPS, FITTINGS, INSTRUMENTATION , ELECTRICAL ...ETC.)	100	ITEM	Complete refurbishment of the naphtha transportation system	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
LOCATION : BALJI
PROJECT 06-04 : SAFETY & ENVIRONMENTAL PROTECTION

SHEET NO.:8 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-04-0840	ENVIRONMENTAL POLLUTION MEASURING EQUIPMENT WITH RECOMMENDED SPARE PARTS	100	SET	Air pollution measuring devices	Unable to Determine
08-8-06-04-0841	FIRE FIGHTING SYSTEM & SAFETY EQUIPMENT	300	SET	Fire fighting equipment	Unable to Determine
	SPARE PARTS FOR EXISTING FIRE TRUCKS	100	SET	Spares for above	Probably Not Notifiable
08-8-06-04-0842	FIRE FIGHTING TRUCKS	5	NOS.	Replacements for old units	Probably Not Notifiable
	INCINERATOR FOR POLLUTANTS	1	SET	To reduce stoareg of pollutants	Unable to Determine
08-8-06-04-0843	UPGRADING OF FIRE FIGHTING SYSTEM FOR FIXED & FLOATING ROOF TANKS	100	ITEM	Fire control - replacement of exisitng system	Probably Not Notifiable
08-8-06-04-0844	SYSTEM & EQUIPMENT FOR POLLUTION CONTROL OF AIR & OIL SPILLS 0N LAND & IN WATER SOURCES	20	SET	Pollution measurement and control equipment	Unable to Determine
08-8-06-04-0845	FIRE FIGHTING CHEMICALS AND FOAMS	159	TON	Consumables	Unable to Determine
08-8-06-04-0846	PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ... ETC.)	20000	PCS.	Personal safety items	Unable to Determine

08-8-06-04-0847	PIPES AND CONNECTIONS AND ENCIRCLEMENT HOT TAPS	200	PCS.		
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MINISTRY OF OIL
 ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
 LOCATION : BAIJI
 PROJECT 06-05 : SERVICE AND PLANT EQUIPMENT

SHEET NO.: 9 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-05-0850	MAINTENANCE TOOLS	350	SET	Tools	Probably Not Notifiable
08-8-06-05-0851	TRUCK FOR LIQUID NITROGEN	1	NO.	N2 transportation truck	Unable to Determine
08-8-06-05-0852	AMBULANCE	1	NO.	Safety & health	Not Notifiable
08-8-06-05-0853	VAC-ALL	2	NOS	Sludge removal truck	Probably Not Notifiable
08-8-06-05-0854	CRANE , 150 TON	1	NO.	Heavy lift/high reach crane	Not Notifiable
08-8-06-05-0855	PLATFORM FOR WORKING AT HIGHTS FIXED ON A VAN	1	NO.	Telescopic platform for lamp replacement	Not Notifiable

MINISTRY OF OIL**SHEET NO.: 10 OF 12****ESTABLISHMENT NAME : NORTH REFINERIES COMPANY****LOCATION : BAIJI****PROJECT 06-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-06-0860	MEASURING ,TESTING DEVICES & MATERIALS FOR INSPECTION WITH RECOMMENDED SPARE PARTS	100	SET	QC instrumentation	Unable to Determine
08-8-06-06-0861	MEASURING EQUIPMENT AND ANALYZERS FOR QUALITY CONTROLand spare parts	150	SET	QC instrumentation	Unable to Determine
08-8-06-06-0862	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Unable to Determine
08-8-06-06-0863	GLASSWARE & APPARATUS	100	SET	Laboratory equipment	Unable to Determine
08-8-06-06-0865	CHEMICAL REAGENTS FOR INTERNAL QUALITY CONTROL PURPOSES	250 250	KG. LIT	QC consumables QC consumables	Unable to Determine
08-8-06-06-0866	TECHNICAL ASSISTANCE / CONSULTANCY FOR EQUIPMENT & PLANT SURVEY TO IMPROVE EFFICIENCY & PRODUCT QUALITY & TO REMOVE BOTTLE NECKS LEADING TO INCREASED PLANT EFFICIENCY	4	CONTRACT	TSC's for survey of refinery and recommendations to increase efficiency and product quality	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH REFINERIES COMPANY
LOCATION : BAIJI
PROJECT 06-07 : DEVELOPMENT PROJECTS

SHEET NO.: 11 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-07-0870	STUDY LICENSE AND BASIC DESIGN FOR FLUIDIZED CATALYTIC CRACKING (' FCC") UNIT WITH OTHER REQUIRED UNITS, INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY LEADING TO A FULL CONTRACT	4	CONTRACT	Contract to design and build FCC unit; to follow on consultancy contracts above	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 12 OF 12

ESTABLISHMENT NAME : NORTH REFINERIES COMPANY

LOCATION : BALJI

PROJECT 06-08 : DEVELOPMENT PROJECTS

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-06-08-0875	NEW REVERSE OSMOSIS UNIT FOR INCOMING RAW WATER INCLUDING THE FOLLOWINGS ITEMS :- PUMPS, FILTERS , TANKS , BLOWERS , CHLORINATING SYSTEM, CONTROL ROOMS INSTRUMENTATION, ELECTRICAL EQUIPMENT, LABORATORY DEVICES, PIPES, VALVES, VESSELS ...ETC., TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	2	CONTRACT	De-salination units for raw water treatment	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY
LOCATION : DAURA REFINERY
PROJECT 07-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 12

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-01-0880	SPARE PARTS FOR EXISTING PUMPS, COMPRESSORS, FANS, GEAR BOXES ROTARY FILTERS, STEAM TURBINES	5000	NOS.	Maintenance items required for continued refinery operations	Unable to Determine
08-8-07-01-0881	LAMPS (MERCURY, INCANDESCENT, FLUORESCENT)	11450	NOS.	Lighting requirements	Not Notifiable
08-8-07-01-0882	SPARE PARTS FOR EXISTING ELECTRICAL EQUIPMENT	5000	NOS.	Switch gear, starters etc	Probably Not Notifiable
	Equipment and materials for maintenance and repair of transformers & motors consisting of: - copper wires - insulating materials transferred from 08-7-00-1064	11	ITEM		
08-8-07-01-0883	SPARE PARTS FOR EXISTING INSTRUMENTS	10000	NOS.	Recorders, transmitters etc	Probably Not Notifiable
08-8-07-01-0884	MAINTENANCE EQUIPMENT INCLUDING, OXY-ACETYLENE TORCHES, ON-SITE LATHE M/C, AIR HOISTS, HIGH	5000	NOS.	Maintenance equipment	Unable to Determine
	TEMPERATURE SEALING COMPOUND CARPENTER SHOP M/C, ELECTRIC WELDING M/C	100	SET		
08-8-07-01-0885	SPARE PARTS FOR BOILERS, FURNACES, HEAT EXCHANGERS INCLUDING STRAIGHT TUBES, FIN TUBES	5000	NOS.	Burners, tubes, fin tubes etc	Unable to Determine
	TUBE PANEL	60000	MTR.		
		1	SET	One block for boiler No 9	
08-8-07-01-0886	TETRA-ETHYL LEAD (TEL)	500	TON	For octane improvement	Not Notifiable
08-8-07-01-0887	ADDITIVE FOR GASOLINE ENGINE LUBE OIL	300	TON	Additives for improved performance	Probably Not Notifiable
08-8-07-01-0888	ADDITIVE FOR DIESEL ENGINE LUBE OIL	800	TON	Additives for improved performance	Probably Not Notifiable
08-8-07-01-0889	FURFURAL	300	TON	Catalyst for lube oil plant	Not Notifiable
08-8-07-01-0890	METHYL ETHYL KETONE(MEK)	300	TON	Solvent for de-waxing unit	Not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY
LOCATION : DAURA REFINERY
PROJECT 07-01 : MAINTENANCE & OPERATION
SHEET NO.: 2 OF 12

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-01-0891	FANS WITH MOTORS WITH RECOMMENDED SPARE PARTS	3000	NOS.	36 fans in cooling towers	Probably Not Notifiable
08-8-07-01-0892	SPARE PART FOR EXISTING WATER TREATMENT PLANT (EDR)	25000	NOS.	Continuation of repairs	Unable to Determine
08-8-07-01-0893	GEARBOXES WITH RECOMMENDED SPARE PART	10	SET	Cooling fans in units	Not Notifiable
08-8-07-01-0894	MEASURING DEVICES, THREADING M/C AND ACCESSORIES, DRILL WELDERS PROTECTIVE PRODUCT	1000 500	NOS. SET	Workshop maintenance	Probably Not Notifiable
08-8-07-01-0895	FLAME PROOF LIGHTING FIXTURES, SAFETY TORCHES, FLAME PROOF FLOODLIGHTING , FLAME PROOF MOTORS, EMERGENCY FLOODLIGHTING	3000	NOS.	Intrinsically safe equipment for dangerous environments	Not Notifiable
08-8-07-01-0896	CIRCUIT BREAKERS PANELS 3.3 KV, DIRECT CURRENT SOURCE, POWER CENTER LOW VOLTAGE	10	SET	Medium voltage electrical supply	Not Notifiable
08-8-07-01-0897	GENERAL SERVICES BREAKERS, SWITCHFUSES , STARTERS PANELS POWER SOCKETS, TRANSFORMERS AND ACCESSORIES	2000	NOS	General usage electrical items	Probably Not Notifiable
08-8-07-01-0898	GOVERNORS, CONTROL VALVES, MOTORIZED VALVES, INDICATING LAMPS, INDICATING SYSTEMS, LEVEL SWITCHES, METERS FOR STEAM, WATER AND PRODUCTS, CONTROLLERS, TRANSMITTERS, INDICATORS	25000	NOS.	Control systems for refinery operations	Unable to Determine
08-8-07-01-0899	COOLING TOWER PACKINGS	5	SET	Replacement of 5 sets	Not Notifiable
08-8-07-01-0900	PIPES AND FITTINGS, VALVES , CHECK VALVES, FOOT VALVES PIPES CLAMPS FOR LEAK REPAIR	10000 5000	MTR. NOS.	Repeat of Phase 4 order - increased requirement	Unable to Determine
08-8-07-01-0901	Caustic soda	1500	ton		
08-8-07-01-0902	grain oriented silicon steel, transferred from 08-7-00-1064	500	ton		

MINISTRY OF OIL**SHEET NO.: 3 OF 12****ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY****LOCATION : DAURA REFINERY****PROJECT 07-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-02-0910	PUMPS COMPLETE DRIVEN BY MOTORS, STEAM TURBINES OR AIR & GAS COMPRESSORS COMPLETE WITH EITHER MOTOR OR DIESEL ENGINES WITH RECOMMENDED SPARE PARTS	700	NOS.	Replacement of equipment now beyond commercially viable repair	Unable to Determine
08-8-07-02-0911	AIR & GAS COMPRESSORS COMPLETE WITH EITHER MOTOR OR STEAM TURBINES WITH RECOMMENDED SPARE PARTS	10 500	SET NOS.	Replacement of old equipment at hydrofinishing plant As above	Probably Not Notifiable
	SCREW COMPRESOR	2	SET		
	COMPRESOR SPARE PARTS	2	SET		
08-8-07-02-0912	AUTOMATIC CONTROL FOR(10)ROTARY FILTERS IN LUBE NO(3)	100	ITEM	Retro-fit of obsolete control panels	Unable to Determine
08-8-07-02-0913	AUTOMATIC CONTROL FOR (4) COMPRESSORS IN DEWAXING UNIT	100	ITEM	Retro-fit of obsolete control panels	Unable to Determine
08-8-07-02-0914	AIR DRYERS FOR INSTRUMENTS AIR WITH RECOMMENDED SPARE PARTS	3	SET	Control instruments	Probably Not Notifiable Unable to Determine
08-8-07-02-0915	PLATES FOR MANUFACTURING OF BARRELS AS CONTAINERS FOR LUBE OILS (FOR 200 LITRE BARREL).	1500	TON	Requirements for 200 litre drum manufacture	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 4 OF 12

ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY
LOCATION : DAURA REFINERY
PROJECT 07-03 : SUSTAINING & ENHANCING PRODUCTION CAPABILITIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-03-0922	PLASTIC BOTTLES (1 & 5 LITRE) MANUFACTURING AND FILLING PLANT COMPLETE WITH ACCESSORIES AND RECOMMENDED SPARE PARTS. EACH ITEM CONSISTS OF 100 SETS.	2	ITEM	Requirements for 1 & 5 litre plastic bottle production	Unable to Determine Unable to Determine

MINISTRY OF OIL**SHEET NO.: 5 OF 12****ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY****LOCATION : DAURA REFINERY****PROJECT 07-04 : SAFETY & ENVIRONMENTAL PROTECTION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-04-0925	FIRE FIGHTING LIGHT TRUCK WITH FIRE FIGHTING EQUIPMENT	4	NOS.	Fire fighting support	Unable to Determine
08-8-07-04-0926	FIRE FIGHTING ACCESSORIES FOR FIXED ROOF TANKS & FLOATING ROOF TANKS	3219	NOS	Fire fighting equipment for storage tanks	Probably Not Notifiable
08-8-07-04-0927	FIREMEN SAFETY WEAR AND EQUIPMENT	500	NOS.	Personal safety equipment	Unable to Determine
08-8-07-04-0928	SAFETY DEVICES, GAS DETECTION	5000	NOS.	Gas detection equipment	Unable to Determine
08-8-07-04-0929	CANAL DREDGER (REMOVING MUD & WEED) WITH ACCESSORIES	1	SET	Dredger for raw water canal	Not Notifiable
08-8-07-04-0930	OIL SKIMMERS COMPLETE WITH ACCESSORIES & OTHER EQUIPMENT FOR RIVER POLLUTION CONTROL	15	SET	Pollution control of effluent and run-off water	Probably Not Notifiable
08-8-07-04-0931	WATER TANKER FOR FIRE FIGHTING ASSISTANCE	2	NOS.	Fire fighting support	Probably Not Notifiable
08-8-07-04-0932	OXYGEN, MOISTURE, HYDROGEN AND HYDROGEN SULPHID DETECTORS & ANALYZERS WITH SPARES FOR PROCESS MONITORING AND SAFETY	10	SET	Air analyzers	Unable to Determine
08-8-07-04-0933	SYSTEMS & EQUIPMENT FOR POLLUTION CONTROL OF AIR & OIL SPILLS ON LAND & IN WATER SOURCES.	50	SET	Measuring devices	Unable to Determine
08-8-07-04-0934	GENERAL SAFETY EQUIPMENT	100	SET	Gloves etc	Unable to Determine
08-8-07-04-0935	PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ... ETC.)	20000	NOS.	Safety equipment	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 6 OF 12****ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY****LOCATION : DAURA REFINERY****PROJECT 07-05 : SERVICE AND PLANT EQUIPMENT**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-05-0940	SIDE BOOM WITH RECOMMENDED SPARE PARTS	1	NOS.	Dredger	Probably Not Notifiable
08-8-07-05-0941	HEAVY EQUIPMENT REPAIR SHOP	100	ITEM	Repair workshop	Unable to Determine
08-8-07-05-0942	SPARE PARTS FOR EXISTING HEAVY EQUIPMENT, CRANES, DIESEL ENGINES FORKLIFTS, TRUCKS, DRUM MAKING M/C	6000	NOS.	Spare part requirements	Unable to Determine
08-8-07-05-0943	TOOLS	16000	NOS.	General tools	Unable to Determine
08-8-07-05-0944	PACKING AIRCONDITIONINGS FOR CONTROL ROOMS 18 TONS,34 TONS & 50 TONS CAPACITY (HEATING & COOLING) & 500 TONS ABSORPTION UNIT	12	SET	Environmental control units	Probably Not Notifiable
08-8-07-05-0945	ELECTRIC MOTORS REWINDING & REPAIR SHOP	100	ITEM	Repair shop for electric motors - reduces requirement to send overseas	Probably Not Notifiable

MINISTRY OF OIL**SHEET NO.: 7 OF 12****ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY****LOCATION : DAURA REFINERY****PROJECT 07-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-06-0950	PORTABLE ULTRASONIC FLAW DETECTOR WITH ACCESSORIES	1	SET	Portable NDT unit	Probably Not Notifiable
08-8-07-06-0951	METAL COMPOSITION ANALYZER WITH ACCESSORIES	1	SET	NDT requirement	Not Notifiable
08-8-07-06-0952	HARDNESS TESTER WITH ACCESSORIES	1	SET	NDT requirement	Not Notifiable
08-8-07-06-0953	FIBROSCOPE WITH ACCESSORIES	1	SET	NDT requirement	Not Notifiable
08-8-07-06-0954	FILM PROCESSING UNIT, FILM DENSITOMETER, X-RAY FILMS DEVELOPER & FIXER	100 500	ITEM NOS.	NDT requirement	Not Notifiable
08-8-07-06-0955	PORTABLE X-RAY UNIT WITH RECOMMENDED SPARE PARTS	1	SET	NDT requirement	Unable to Determine
08-8-07-06-0956	INTERNAL QUALITY CONTROL EQUIPMENT (RDC)	100	SET	NDT requirement	Unable to Determine
08-8-07-06-0957	TENSILE TESTING MACHINE WITH ACCESSORIES	1	NOS.	NDT requirement	Probably Not Notifiable
08-8-07-06-0958	TECHNICAL SERVICE CONTRACT , SURVEY , STUDIES & ASSISTANCE FOR EQUIPMENT SURVEY, EFFICIENCY STUDIES & TECHNICAL ASSISTANCE	4	CONTRACT	TSC's for inspection, maintenance and computer systems	Unable to Determine
08-8-07-06-0959	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIERS WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY
LOCATION : DAURA REFINERY
PROJECT 07-07 : DEVELOPMENT PROJECTS (AUTOMATIC
LUBE OIL BLENDING PLANT)

SHEET NO.: 8 OF 12

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-07-0965	AUTOMATIC LUBE OIL BLENDING PLANT COMPLETE WITH ACCESSORIES AND RECOMMENDED SPARE PARTS 50M ³ /HOUR CAPACITY, INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	7	CONTRACT	New lube oil plant, based on old equipment, to produce 50M3/hr lube oil	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY
LOCATION : DAURA REFINERY
PROJECT 07-08 : DEVELOPMENT PROJECTS (NITROGEN
PRODUCTION PLANT)

SHEET NO.: 9 OF 12

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-08-0970	NITROGEN PRODUCTION PLANT COMPLETE WITH ACCESSORIES AND RECOMMENDED SPARE PARTS OF CAPACITY : GAS = 1000 NM3/HOUR,LIQUID=140 NM3/HOUR (SIMULTANEOUSLY) INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY .	7	CONTRACT	Requirement for replacement nitrogen plant as existing unit cannot get spares for	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY
LOCATION : DAURA REFINERY
PROJECT 07-09 : DEVELOPMENT PROJECTS (STUDY, LICENCE AND
BASIC DESIGN FOR LIGHT GAS OIL
HYDRO-TREATING UNIT)

SHEET NO.: 10 OF 12

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-09-0975	STUDY, LICENSE AND BASIC DESIGN FOR LIGHT GAS OIL HYDRO-TREATING UNIT AND OTHER REQUIRED PROCESS UNITS , INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY LEADING TO A COMPLETE CONTRACT.	7	CONTRACT	Contracts to provide units to improve gas oil quality, and associated equip,ment	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY
LOCATION : DAURA REFINERY
PROJECT 07-10 : DEVELOPMENT PROJECTS (STUDY, LICENCE AND
BASIC DESIGN FOR LIGHT GAS OIL
HYDRO-TREATING UNIT)

SHEET NO.: 11 OF 12

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-10-0980	WATER DESALINATION UNIT INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	7	CONTRACT	Contracts to advsie on how to deal with the reducing quality of raw water input from R Tigris	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 12 OF 12****ESTABLISHMENT NAME : MIDLAND REFINERIES COMPANY****LOCATION : DAURA REFINERY****PROJECT 07-11 : DEVELOPMENT PROJECTS (REHABILITATION
OF USED LUBE OIL)**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-07-11-0985	FEASIBILITY STUDY, LICENSING & BASIC DESIGN FOR THE INSTALLATION OF USED LUBE OIL TREATMENT PLANT, INCLUDING CONSULTANCY , PROJECT MANAGEMENT & TECHNICAL ASSISTANCE	6	CONTRACT	TSC's for the rehabilitation and repair of the used lube oil plant, to reduce pollution aspects created by current disposal situation	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY
LOCATION : BASRAH
PROJECT 08-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 8

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-01-0990	SPARES FOR EXISTING ROTATING EQUIPMENT (PUMPS, COMPRESSORS, TURBINES, GEARBOX, FANS AND OTHER MISC. ITEMS)	30000	NOS.	Maintenance requirements	Unable to Determine
		200	SET	Maintenance requirements	
08-8-08-01-0991	MECHANICAL EQUIPMENT WITH RECOMMENDED SPARE PARTS :				
	- PIPES OF DIFFERENT SIZES	60000	MTR.	Maintenance requirements	Unable to Determine
	- FITTINGS, VALVES, SAFETY VALVES	50000	NOS.	Maintenance requirements	Unable to Determine
	- WELDING ELECTRODES	30	TON	Maintenance requirements	Not Notifiable
	- GASKETS & BEARING	1000	SET	Maintenance requirements	Not Notifiable
	- HEAT EXCHANGER TUBES AND BUNDLES	80000	MTR.	Maintenance requirements	Unable to Determine
		100	SET		
08-8-08-01-0992	- ELECTRICAL EQUIPMENT (MCC, MOTORS COMPLETE, STARTERS ...ETC.) WITH RECOMMENDED SPARE PARTS	300	SET	Maintenance requirements	Probably Not Notifiable
08-8-08-01-0993	- ELECTRIC AND INSTRUMENT CABLES	30000	MTR.	Maintenance requirements	Probably Not Notifiable
08-8-08-01-0994	VARIOUS INSTRUMENTATION EQUIPMENT				
	- CONTROL VALVES, TRANSMITTER, CONTROLLERS	500	NOS.	Maintenance requirements	Unable to Determine
	COMPLETE WITH SPARES	100	SET	Maintenance requirements	Unable to Determine
	- SPARES FOR EXISTING INSTRUMENTS	100	SET	Maintenance requirements	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 2 OF 8****ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY****LOCATION : BASRAH****PROJECT 08-01 : MAINTENANCE & OPERATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-01-0995	CHEMICALS AND ADDITIVES :-				
	- TATRA ETHYL LEAD (TEL)	500	TON	Quality improvers	Not Notifiable
	- ADDITIVES FOR MOTOR ENGINE OILS	500	TON	Quality improvers	Probably Not Notifiable
	- ADDITIVES FOR DIESEL ENGINE OIL	1000	TON	Quality improvers	Probably Not Notifiable
	- ADDITIVES FOR VISCOSITY IMPROVER	300	TON	Quality improvers	Probably Not Notifiable
08-8-08-01-0996	ONE TELEPHONE EXCHANGE OF 1000 LINES WITH TELEPHONES, ACCESSORIES AND SPARE PARTS	20	ITEM	Exchange for 1000 hand sets	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 3 OF 8****ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY****LOCATION : BASRAH****PROJECT 08-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-02-1000	REPLACEMENT OF DAMAGE PUMPS, COMPRESSORS, TURBINES, GEAR BOXES FANS ...ETC. WITH SPARES	150	SET	Replacement requirements	Unable to Determine
08-8-08-02-1001	REVAMPING AND UPGRADING OF PRESENT CONTROL SYSTEM TO A FULLY AUTOMATED ONE COMPLETE	8	SYSTEM	Refinery control system	Unable to Determine
08-8-08-02-1002	REVAMPING OF EXISTING PLASTIC BOTTLING PLANT COMPLETE WITH ALL UNITS ACCESSORIES	100	ITEM	Rehabilitation of bottle manufacturing plant	Probably Not Notifiable
08-8-08-02-1003	REHABILITATION OF EXISTING DAMAGED WAX PRODUCTION UNIT	100	ITEM	Replacement of non-functioning plant	Probably Not Notifiable
08-8-08-02-1004	INSIDE LINING OF THE EXISTING COOLING WATER NETWORK TO GET MORE RELIABILITY IN THE LUBE OIL PLANT	300	ITEM	Replacement of damaged liners	Probably Not Notifiable
08-8-08-02-1005	PLATES FOR MANUFACTURING BARRELS	1000	TON	Steel plate for barrels	Unable to Determine
08-8-08-02-1006	FILTRATION SYSTEM FOR RAW WATER COMPLETE WITH CLARIFIERS, ACCESSORIES & SPARE PARTS	100	ITEM	Raw water intake filtration system	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 4 OF 8****ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY****LOCATION : BASRAH****PROJECT 08-03 : SUSTAINING & ENHANCING PRODUCTION
CAPABILITIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-03-1010	OWN ELECTRIC POWER GENERATION COMPLETE WITH ALL ACCESSORIES FOR EMERGENCY SERVICES	100	ITEM	Emergency back-up power supply	Unable to Determine
08-8-08-03-1011	INCREASING STORAGE CAPACITIES BY ADDING 5 TANKS OF VARYING CAPACITY (CRUDE & PRODUCTS)	6	NOS.	For intermediate product storage	Unable to Determine
08-8-08-03-1012	UPGRADING THE CAPACITY OF EXISTING ATMOSPHERIC UNIT	100	ITEM	To increase crude distillation throughput by 20%	Probably Not Notifiable

MINISTRY OF OIL**SHEET NO.: 5 OF 8****ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY****LOCATION : BASRAH****PROJECT 08-04 : SAFETY & ENVIRONMENTAL PROTECTION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-04-1015	FIRE FIGHTING VEHICLES WITH SPARE PARTS	4	NOS.	Fire fighting requirements	Probably Not Notifiable
08-8-08-04-1016	SAFETY EQUIPMENT AND PERSONAL DIFFERENT SAFETY EQUIP. :- SAFETY BOOTS, FIRE FIGHTING OVERALL SUITS, GLOVES, HELMETS, FIRE HOSES , CYLINDERS, WATER GUN , FOAM GUN ,EXTINGUISHERS,...ETC.	15000 2000 500	PCS. SET NOS.	Fire fighting requirements	Unable to Determine
08-8-08-04-1017	TESTING AND MEASURING ENVIRONMENTAL PROTECTION EQUIPMENT WITH RECOMMENDED SPARE PARTS	1000	NOS.	BOD/COD testing requirements	Unable to Determine
08-8-08-04-1018	SYSTEM & EQUIPMENT FOR POLLUTION CONTROL OF AIR & OIL SPILLS ON LAND & IN WATER SOURCES	50	SET	Air monitoring (especially H2S) and oil spill control	Unable to Determine
08-8-08-04-1019	FIRE FIGHTING SYSTEMS WITH ACCESSORIES FOR FIXED AND FLOATING ROOF TANKS	10	SYSTEM	Replacement on non-operational system	Probably Not Notifiable
08-8-08-04-1020	FIRE FIGHTING CHEMICALS AND FOAMS	100	TON	Fire fighting consumables	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 6 OF 8****ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY****LOCATION : BASRAH****PROJECT 08-05 : SERVICE AND PLANT EQUIPMENT**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-05-1025	- TANKER FOR DRINKING WATER WITH SPARE PARTS	2	NOS.	Water for internal staff use	Probably Not Notifiable
	- AMBULANCES WITH SPARE PARTS	2	NOS.	Health requirement	Not Notifiable
	- GARBAGE VEHICLE WITH SPARE PARTS	1	NO.	Health requirement	Not Notifiable
	- TANKER FOR WASTE WATER WITH SPARES	1	NO.	Health requirement	Unable to Determine
	- SPARE PARTS FOR THE EXISTING VEHICLES	200	SET	Spares for existing vehicles	Probably Not Notifiable
	- MAINTENANCE TOOLS AND EQUIPMENT	2000	NOS.	Tools for maintenance	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 7 OF 8****ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY****LOCATION : BASRAH****PROJECT 08-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-06-1030	MEASURING EQUIPMENT, ANALYZERS AND SYSTEMS FOR INSPECTION WITH RECOMMENDED SPARE PARTS	100	SET	Quality control and NDT requirements	Unable to Determine
08-8-08-06-1031	TESTING EQUIPMENT WITH RECOMMENDED SPARE PARTS FOR QUALITY ANALYSIS	100	SET	Product testing laboratory for quality control	Unable to Determine
08-8-08-06-1032	TECHNICAL SERVICE CONTRACT (SURVEY, STUDIES & ASSISTANCE FOR EQUIPMENT SURVEY, EFFICIENCY STUDIES & TECHNICAL ASSISTANCE)	4	CONTRACT	TSC's to recommend future development of Daura Refinery	Unable to Determine
08-8-08-06-1033	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH REFINERIES COMPANY
LOCATION : BASRAH
PROJECT 08-07 : DEVELOPMENT PROJECTS

SHEET NO.: 8 OF 8

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-08-07-1040	STUDY, LICENSE AND DESIGN OF NEW REFORMING UNIT AND LIGHT GAS OIL HYDROTREATING UNIT WITH THE REQUIRED UNITS INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY LEADING TO FULL CONTRACTS	6	CONTRACT	Contracts for design projects for reforming and hydro-treating units,leading to full contracts.	Unable to Determine

MINISTRY OF OIL
SHEET NO : 1 OF 10

ESTABLISHMENT NAME : NORTH GAS COMPANY
LOCATION : KIRKUK
PROJECT 09-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-01-1050	CHEMICALS FOR COOLING TOWERS, BOILERS & PROCESS UNITS:-			Operational Consumables	
	- DIETHANOL AMINE	1000	TON		Not Notifiable
	- METHANOL	50	TON		Not Notifiable
	- ANTI FOAM	10	TON		Probably Not Notifiable
	- CLAUS PROCESS SULFUR RECOVERY UNITS CATALYST	140	TON		Not Notifiable
08-8-09-01-1051	ACTIVATED CARBON FOR :-			Operational Consumables	Not Notifiable
	- MERCURY REMOVAL FROM NATURAL GAS	20	TON		
	- DIETHANOL AMINE TREATMENT	20	TON		
	- LP STEAM CONDENSATE .	25	TON		
08-8-09-01-1052	DESICCANTS :-			Operational Consumables	
	- MOLECULAR SIEVES FOR HYDROCARBON GAS DRYERS AND AIR DRYING FOR NITROGEN UNIT	215	TON		Unable to Determine
	- ACTIVATED ALUMINA FOR INSTRUMENT AIR DRYERS	5	TON		Unable to Determine
08-8-09-01-1053	ANTHRACITE FOR WATER TREATMENT (RAW WATER , COOLING WATER AND WASTE WATER FILTERS)	135	TON	Operational Consumables	Not Notifiable
08-8-09-01-1054	CHEMICALS FOR COOLING TOWER & BOILER WATER TREATMENT	300	TON	Operational Consumables	Unable to Determine
08-8-09-01-1055	RESINS (FOR WATER DEMINERALIZATION UNITS)	100	M ³	Operational Consumables	Unable to Determine
08-8-09-01-1056	MEASURING & CONTROL INST. WITH SPARE PARTS :-			Control instrumentation for whole plant	
	- SPARE PARTS FOR EXISTING MEASURING & CONTROL SYSTEM ...ETC.	400	SET		Unable to Determine
	- INST. CABLES, THERMOCOUPLE CABLES ,FITTING ,TUBES	5000	NOS.		
	...ETC.	15000	MTR.		Unable to Determine
		1000	NOS.		

MINISTRY OF OIL
SHEET NO : 2 OF 10

ESTABLISHMENT NAME : NORTH GAS COMPANY
LOCATION : KIRKUK
PROJECT 09-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-01-1057	ELECTRICAL EQUIPMENT SPARE PARTS AND CABLES	10000	MTR.	Electrical spares requirements	Not Notifiable
	- POWER & CONTROL CABLES	100	SET		Unable to Determine
	- RELAYS, CONTRACTORS, CHARGERS, BATTERIES, CAPACITOR BANKS ...ETC.	5000	NOS.		Not Notifiable
	- SPARE PARTS FOR THE EXISTING ELECT. EQUIPMENT	200	SET		Probably Not Notifiable
		2000	NOS.		
08-8-09-01-1058	SPARE PARTS FOR EXISTING ROTATING EQUIPMENT:-	5000	SET	Rotating equipment spares	Unable to Determine
	- PUMPS	5000	NOS.		Probably Not Notifiable
	- COMPRESSORS	5000	SET		Unable to Determine
	- STEAM TURBINES	5000	NOS.		Probably Not Notifiable
	- COOLING TOWERS FANS & GEARBOXES .	10000	SET		Not Notifiable
	- BLOWERS	10000	NOS.		
		5000	SET		
		5000	NOS.		
		5000	SET		
		5000	NOS.		
08-8-09-01-1059	PIPES, TUBES, PLATES, TUBE SHEET FOR HEAT EXCHANGERS & MESH WIRES , GASKETS AND CARTRIDGE FILTERS ...ETC.	1000	ITEM	Maintenance requirements	Unable to Determine
08-8-09-01-1060	FITTINGS FOR HEAT EXCHANGERS, FURNACES , BOILERS, ...ETC.	30000	NOS.	Maintenance requirements	Unable to Determine
		5000	SET		

MINISTRY OF OIL
SHEET NO : 3 OF 10

ESTABLISHMENT NAME : NORTH GAS COMPANY
LOCATION : KIRKUK
PROJECT 09-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-01-1061	MAIN FLARE & BURN PIT TIPS WITH RECOMMENDED SPARES	100 50	NOS. SET	Requirements for flares	Not Notifiable
08-8-09-01-1062	COOLING TOWER SPARES (GRATING PLATES, PVC WAVED PLATES, STRAPS, ...ETC.	30000 5000	NOS. MTR.	Maintenance requirements	Probably Not Notifiable
08-8-09-01-1063	CENTRAL AIR-CONDITIONING SYSTEMS WITH RECOMMENDED SPARE PARTS FOR CENTRAL CONTROL ROOMS & POWER SUBSTATION	10 1000	SET NOS.	Environmental control units	Probably Not Notifiable
08-8-09-01-1064	MAINTENANCE & REPAIR SERVICES FOR EXISTING STEAM TURBINE, BOILERS , GAS COMPRESSORS, COOLING TOWERS, SULFUR SLATING MACHINES, ...ETC.	10 10000 3000	CONTRACT NOS. SET	Maintenance requirements	Unable to Determine
08-8-09-01-1065	TOOLS & EQUIPMENT FOR MAINTENANCE OF HEAT EXCHANGERS, BOILERS , FURNACES & ROTATING EQUIPMENT .	20000 1000	NOS. SET	Maintenance requirements	Unable to Determine
08-8-09-01-1066	RAW & SEMI FINISHED MATERIALS (SOLID & HOLLOW BARS FROM BRASS, BRONZE, ALLOY STEEL, CAST IRON...ETC.) FOR WORK SHOP REQUIREMENT	5000	MTR.	Consumables for workshops	Probably Not Notifiable

MINISTRY OF OIL
SHEET NO : 4 OF 10
ESTABLISHMENT NAME : NORTH GAS COMPANY
LOCATION : KIRKUK
**PROJECT 09-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-02-1075	STEAM TURBINES FOR GAS COMPRESSORS WITH SPARE PARTS .	9 20000	NOS. SET	New turbines for compressor trains	Unable to Determine
08-8-09-02-1076	PUMPS TO REPLACE OBSOLETE ONES WITH RECOMMENDED SPARE PARTS	20	NOS.	Repalcement of obsolete pumps	Unable to Determine
08-8-09-02-1077	BLOWERS , GEARBOXES , ...ETC.	20	NOS.	Boiler house requirements	Unable to Determine
08-8-09-02-1078	TRANSMITTERS (LEVEL, FLOW, PRESS., TEMP.) WITH SPARES	100 1000	SET NOS.	Control system requirements	Unable to Determine
08-8-09-02-1079	PANEL INSTRUMENTS (CONTROLLERS, RECORDERS, INDICATORS ,AUXILIARY PANEL INST. , VIBRATION MONITORS , TEMP. INDICATORS ...ETC. WITH SPARES .	100 800	SET NOS.	Control system requirements	Unable to Determine
08-8-09-02-1080	PRESS. , LEVEL SWITCHES ,GAUGES ,THERMOCOUPLES, SOLENOID VALVES,...ETC .	100 1000	SET NOS.	Control system requirements	Unable to Determine
08-8-09-02-1081	CONTROL VALVES , REGULATORS WITH ACCESSORIES WITH SPARE PARTS	300 40	SET NOS.	Control system requirements	Unable to Determine
08-8-09-02-1082	ON LINE ANALYZERS , CHROMATOGRAPHS WITH SPARE PARTS	5	SET	Quality control requirements	Unable to Determine
08-8-09-02-1083	MOTORS WITH ACCESSORIES AND SPARES	20	SET	Replacements for obsolete units	Probably Not Notifiable
08-8-09-02-1084	MOTOR CONTROL CENTERS (MCC) , SWITCH BOARDS & CONTROLS AND RECOMMENDED SPARE PARTS	5 20	SET NOS.	Replacements for obsolete units	Probably Not Notifiable
08-8-09-02-1085	UNINTERRUPTABLE POWER SUPPLIES WITH BATTERIES AND SPARE PARTS	20 2000	SET NOS.	UPS requirements	Not Notifiable

MINISTRY OF OIL**SHEET NO : 5 OF 10****ESTABLISHMENT NAME : NORTH GAS COMPANY****LOCATION : KIRKUK****PROJECT 09-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-02-1086	TELEPHONE EXCHANGE (300 LINES) COMPLETE WITH SPARE PARTS AND ACCESSORIES	20	ITEM	Internal communication and control requirement	Unable to Determine
08-8-09-02-1087	INTERNAL CALLING SYSTEM WITH SPARE PARTS AND ACCESSORIES	20	ITEM	Tannoy system	Not Notifiable
08-8-09-02-1088	FINNED PLATE HEAT EXCHANGER CRYOGENIC SYSTEM	1	NO.	Replacement unit	Unable to Determine
08-8-09-02-1089	WASTE WATER TREAT. & INCINERATOR UNIT REHABILITATION WITH SPARE PARTS	1000	ITEM	Pollution control	Unable to Determine

MINISTRY OF OIL

SHEET NO : 6 OF 10

ESTABLISHMENT NAME : NORTH GAS COMPANY

LOCATION : KIRKUK

PROJECT 09-03 : SUSTAINING & ENHANCING PRODUCTION
CAPABILITIES

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-03-1095	WATER CHLORINATOR UNIT WITH RECOMMENDED SPARE PARTS	1500 1500	SET NOS.	Cooling water treatment unit	Unable to Determine
08-8-09-03-1096	PROGRAMMABLE LOGIC CONTROLLERS FOR STEAM GENERATION AND SPARES	6	SET	Process control equipment	Unable to Determine
08-8-09-03-1097	ELECTRIC POWER GENERATORS DIESEL OPERATED (2 MW) WITH SPARE PARTS	6	SET	Emergency power supply	Unable to Determine
08-8-09-03-1098	STEAM GENERATION UNITS WITH RECOMMENDED SPARE PARTS	2	SET	Boiler unit upgrades	Unable to Determine
08-8-09-03-1099	UPGRADING OF EXISTING BOILER UNITS TO INCREASE EFFICIENCY	50	ITEM	Boiler unit upgrades	Unable to Determine

MINISTRY OF OIL

SHEET NO : 7 OF 10

ESTABLISHMENT NAME : NORTH GAS COMPANY

LOCATION : KIRKUK

PROJECT 09-04 : SAFETY & ENVIRONMENTAL PROTECTION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-04-1105	SAFETY BELTS , SUITS ,HELMETS, BOOTS...ETC.	30000	NOS.	Personal safety items	Unable to Determine
08-8-09-04-1106	TOXIC GAS & ENVIRONMENTAL MEASURING EQUIPMENT WITH SPARE PARTS	2000 2500	SET NOS.	Air sampling and testing (H2S)	Unable to Determine
08-8-09-04-1107	SYSTEMS & EQUIPMENT FOR POLLUTION CONTROL OF AIR & OIL SPILLS ON LAND & IN WATER SOURCES	50 2000	SET NOS.	Pollution control	Unable to Determine
08-8-09-04-1108	FIRE EXTINGUISHING MATERIALS (LIGHT WATER FOAM, FLOUR PROTEIN , EXTINGUISHING POWDER .)	50000 15	LIT. TON	Fire fighting consumables	Not Notifiable
08-8-09-04-1109	GAS / SMOKE / FIRE DETECTORS & MONITORS WITH SPARE PARTS .	200 200	SET NOS.	Fire detection	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : NORTH GAS COMPANY
LOCATION : KIRKUK
PROJECT 09-05 : SERVICE AND PLANT EQUIPMENT
SHEET NO : 8 OF 10

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-05-1115	SPARE PARTS FOR TRANSPORTATION & SERVICE EQUIPMENT			Spare parts for staff transport	
	- SPARE FOR BUSES, MINI BUSES & CREW CUPS	25000	NOS.		Probably Not Notifiable
		500	SET		
	- SPARES FOR LIFTING , HANDLING, EARTHMOVING EQUIPMENT	30000	NOS.		Probably Not Notifiable
	- SPARES FOR FIRE FIGHTING TRUCKS	15000	NOS.		Probably Not Notifiable
08-8-09-05-1116		2000	SET		
	- AMBULANCES	2	NOS.	Refinery Vehicle requirements	Not Notifiable
	- ELECTRIC MAINTENANCE LIFTING CAR	1	NO.		Not Notifiable
	- WASTE DUMPING VEHICLE	1	NO.		Probably Not Notifiable
	- VAC_ALL	1	NO.		Probably Not Notifiable
	- SPARE PARTS FOR ABOVE	500	SET		Probably Not Notifiable
		5000	NOS.		

MINISTRY OF OIL
SHEET NO : 9 OF 10
ESTABLISHMENT NAME : NORTH GAS COMPANY
LOCATION : KIRKUK
**PROJECT 09-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-06-1120	GLASS WARES & APPARATUS	3000	NOS.	QC laboratory requirements	Unable to Determine
08-8-09-06-1121	CHEMICAL REAGENTS FOR INTERNAL QUALITY CONTROL	250 300	KG. LIT.	Laboratory consumables	Unable to Determine
08-8-09-06-1122	TEST EQUIPMENT (AVO , COUNTERS , OSCILLOSCOPES, ...ETC.	70 150	SET NOS.	QC requirements	Unable to Determine
08-8-09-06-1123	THEODOLITE WITH ACCESSORIES AND SPARE PARTS	4 50	SET NOS.	Civil engineering surveys	Probably Not Notifiable
08-8-09-06-1124	SURVEYING LEVEL EQUIPMENT WITH SPARE PARTS	4 50	SET NOS.	Civil engineering surveys	Unable to Determine
08-8-09-06-1125	UNDERGROUND CABLES DETECTORS WITH SPARE PARTS	2 50	SET NOS.	Cable detectors	Probably Not Notifiable
08-8-09-06-1126	GENERAL MEASURING EQUIPMENT AND ANALYZERS WITH SPARE PARTS FOR QUALITY CONTROL	3000	NOS.	QC laboratory requirements	Unable to Determine
08-8-09-06-1127	TESTING EQUIPMENT AND TOOLS (NDT) WITH SPARE PARTS	50 1000	SET NOS.	NDT requirements	Unable to Determine
08-8-09-06-1128	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Unable to Determine

MINISTRY OF OIL

ESTABLISHMENT NAME : NORTH GAS COMPANY

LOCATION : KIRKUK

PROJECT 09-07 : DEVELOPMENT PROJECTS (SULFUR GRANULATING UNIT)

SHEET NO : 10 OF 10

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-09-07-1135	SULFUR GRANULATING UNIT WITH RECOMMENDED SPARE PARTS INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	5	CONTRACT	Unit to prepare extracted sulphur for drumming, rather than store 400,000 tonnes in the open!	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH GAS COMPANY
LOCATION : BASRAH
PROJECT 10-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 10

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-01-1140	MAINTENANCE AND OPERATION OF EXISTING FACILITIES IN KHOR-ZUBAIR NGL, LPG PLANT, STORAGE & COOLING PLANT, STORAGE & COOLING FACILITIES, NORTH RUMAILA NGL PLANT AND SOUR GASES TREATMENT UNIT CONSISTING OF :-			Maintenance requirements for South Gas Company operations, as stipulated	Unable to Determine
	- SPARES FOR GAS TURBINES FRAME 1.3 & 5 & B51	10000	NOS.	As above	Unable to Determine
	- SPARES FOR COMPRESSORS TYPE CENTRIFUGAL, RECIPROCATING, SCREW, ...ETC.	5000	NOS.	As above	Unable to Determine
	- SPARES FOR PUMPS TYPE CENTRIFUGAL, RECIPROCATING, SCREW, ...ETC.	5000	NOS.	As above	Unable to Determine
	- INSTRUMENTS CONSISTING OF:-				
	- CONTROL VALVES, SERVO VALVES, SOLENOID VALVES, SWITCHES, GAUGES, ELECTRONIC CARDS, TRANSMITTERS, TRANSDUCERS ...ETC. COMPLETE WITH SPARES	10000	NOS.	As above	Unable to Determine
	- ELECTRICAL CONSISTING OF:-				
	- CONTRACTOR, CIRCUIT BREAKER, MOTORS, ...ETC. COMPLETE WITH SPARES	5000	NOS.	As above	Unable to Determine
	- CABLES	12000	MTR.	As above	Unable to Determine
	- AIR-CONDITIONING UNITS COMPLETE WITH SPARES	20	SET	As above	Not Notifiable
	- PIPES, TUBES & FITTINGS	50000	MTR.	As above	Probably Not Notifiable
		20000	NOS.	As above	Unable to Determine
	- AIR COOLER FANS COMPLETE WITH SPARES	10	ITEM	As above	Probably Not Notifiable

	- FUSES, TRANSFORMERS	53800	NOS.		
	-IMPLEMENTATION OF MAINTENANCE	1	Contract		
	- CONTRACT FOR OVERHAUL AND MAINTENANCE OF COMPRESSORS AND GEAR BOXES	1	Contract		

MINISTRY OF OIL

SHEET NO.: 2 OF 10

ESTABLISHMENT NAME : SOUTH GAS COMPANY

LOCATION : BASRAH

PROJECT 10-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-01-1141	- LIGHTING FITTINGS & FIXTURES WITH SPARES	10000	NOS.	As above	Probably Not Notifiable
	- BURNERS WITH RECOMMENDED SPARES	5	ITEM	As above	Probably Not Notifiable
	- FLARES COMPLETE WITH SPARES	10	ITEM	As above	Not Notifiable
	- TELEPHONE EXCHANGE COMPLETE WITH ACCESSORIES & SPARES	3	SET	As above	Not Notifiable
	- MECHANICAL AND ELECTRICAL TOOLS WITH SPARES	2000	NOS.	As above	Unable to Determine
	- CONSUMABLE CHEMICALS USED FOR THE OPERATION:- MOLECULAR SIEVE (USED FOR HUMIDITY REMOVAL FROM	250	TON	As above	Unable to Determine
	INLET NATURAL GAS), GLYCOL, CAUSTIC SODA etc. ceramic balls for use as bed in molecular sieve	30	m3		Unable to Determine

MINISTRY OF OIL**SHEET NO.: 3 OF 10****ESTABLISHMENT NAME : SOUTH GAS COMPANY****LOCATION : BASRAH****PROJECT 10-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-02-1145	REVAMPING OF EXISTING FACILITIES IN KHOR-ZUBAIR NGL, LPG, STORAGE & COOLING FACILITIES, NORTH RUMAILA NGL PLANT SOUR GASES TREATMENT UNIT CONSISTING OF:-			Repair requirements for South Gas Company operations, as stipulated	Unable to Determine
	- COMPRESSORS TYPE CENTRIFUGAL, RECIPROCATING, SCREW ...ETC. WITH SPARES	20	SET	As above	
	- PUMPS TYPE CENTRIFUGAL, RECIPROCATING, SCREW ...ETC. WITH SPARES	50	SET	As above	
	- CONTROL INSTRUMENTS CONSISTING OF INDICATING AND MONITORING SYSTEM	6	SET	As above	
	- FLOW METERING SYSTEM WITH SPARES	6	SET	As above	
	- ELECTRICAL POWER CONTROL SYSTEM WITH SPARES	20	SET	As above	
	- AIR-CONDITIONING SYSTEM WITH SPARES	30	SET	As above	
	- AIR COOLING SYSTEM WITH SPARES	10	SET	As above	
	- BURNERS WITH SPARES	5	SET	As above	
	- FLARES WITH SPARES	10	SET	As above	

MINISTRY OF OIL**SHEET NO.: 4 OF 10****ESTABLISHMENT NAME : SOUTH GAS COMPANY****LOCATION : BASRAH****PROJECT 10-03 : SUSTAINING & ENHANCING PRODUCTION
CAPABILITIES**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-03-1150	GAS DEHYDRATION, GAS FILTERING SYSTEM (MATERIALS, INSTALLATION) WITH RECOMMENDED SPARES	100	ITEM	Additional plant to sustain production	Unable to Determine
08-8-10-03-1151	HEATING SYSTEM FOR PROPANE AND BUTANE WITH ACCESSORIES & RECOMMENDED SPARES	100	ITEM	Additional plant to sustain production	Unable to Determine

MINISTRY OF OIL**ESTABLISHMENT NAME : SOUTH GAS COMPANY****LOCATION : BASRAH****PROJECT 10-04 : SAFETY & ENVIRONMENTAL PROTECTION****SHEET NO.: 5 OF 10**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-04-1155	FIRE FIGHTING TRUCKS WITH ACCESSORIES & SPARES	4	NOS.	Fire fighting equipment	Probably Not Notifiable
	SPARE PARTS FOR FIRE FIGHTING TRUCKS	20000	NOS.		
08-8-10-04-1156	CONSUMABLE CHEMICALS USED FOR FIRE FIGHTING INCLUDING :-			Fire fighting consumables	Probably Not Notifiable
	- FOAM (LIQUID)	150000	LIT.		
	- DRY POWDER	22000	KGS.		
08-8-10-04-1157	SAFETY DEVICE FOR GAS DETECTION	500	SET	Gas detectors	Probably Not Notifiable
08-8-10-04-1158	PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ...ETC.)	20000	PCS.	Personal safety equipment	Probably Not Notifiable
08-8-10-04-1159	SAFETY EQUIPMENT AND FIRE FIGHTING SYSTEMS	300	SET	Safety and firefighting requirements	Probably Not Notifiable
08-8-10-04-1160	SYSTEMS AND EQUIPMENT FOR POLLUTION CONTROL OF AIR & OIL SPILLS ON LAND & IN WATER SOURCES	1000	NOS.	Pollution control equipment	Unable to Determine
		700	SET		

MINISTRY OF OIL**ESTABLISHMENT NAME : SOUTH GAS COMPANY****LOCATION : BASRAH****PROJECT 10-05 : SERVICE AND PLANT EQUIPMENT**

SHEET NO.: 6 OF 10

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-05-1165	VAC-ALL WITH ACCESSORIES AND SPARES	1	SET	Sludge collection truck	Probably Not Notifiable
08-8-10-05-1166	AMBULANCE CARS WITH SPARES	3	NOS.	Health and safety	Not Notifiable
08-8-10-05-1167	WORKSHOP TRUCK WITH ACCESSORIES & SPARES	1	SET	Maintenance	Probably Not Notifiable
08-8-10-05-1168	SPARES FOR HANDLING EQUIPMENT (CRANES, FORKLIFTS ...ETC.)	15000	NOS.	Maintenance	Probably Not Notifiable
08-8-10-05-1169	LATHE MACHINES WITH SPARES	4	SET	Maintenance	Unable to Determine

MINISTRY OF OIL**ESTABLISHMENT NAME : SOUTH GAS COMPANY****LOCATION : BASRAH****PROJECT 10-06 : TESTING , INSPECTION , STUDIES , SURVEYS &
LABORATORIES****SHEET NO.: 7 OF 10**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-06-1175	QUALITY CONTROL MEASURING EQUIPMENT AND ANALYZERS WITH RECOMMENDED SPARE PARTS :-	100	SET	QC and NDT testing requirements in three South Gas Co locations	Unable to Determine
	- GLASS WARE & APPARATUS	500	KG.	As above	
	- CHEMICAL REAGENTS FOR INTERNAL QUALITY CONTROL PURPOSE	400	LIT.	As above	
	- TESTING , INSPECTION, MEASURING EQUIPMENT, DEVICES AND ANALYZERS WITH ACCESSORIES AND RECOMMENDED SPARES	200	SET	As above	
08-8-10-06-1176	TECHNICAL SERVICE CONTRACT ,SURVEY ,STUDIES & ASSISTANCE FOR EQUIPMENT SURVEY EFFICIENCY STUDIES OF TECHNICAL ASSISTANCE	5	CONTRACT	TSC's to study plant efficiency and make recommendations	Unable to Determine
08-8-10-06-1177	CONTRACT FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH GAS COMPANY
LOCATION : BASRAH
PROJECT 10-07 : DEVELOPMENT PROJECTS

SHEET NO.: 8 OF 10

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-07-1185	NITROGEN PLANT WITH PRODUCTION ACCESSORIES & SPARES, INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	8	CONTRACT	N2 plant for installation and blanketing/inerting use in the South Gas Company	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH GAS COMPANY
LOCATION : BASRAH
PROJECT 10-08 : DEVELOPMENT PROJECTS

SHEET NO.: 9 OF 10

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-08-1190	LPG PUMPING STATION IN KHOR ZUBAIR FOR REVERSE PUMPING (MATERIALS, INSTALLATION) (USED FOR PUMPING LPG FROM SOUTH AREA NORTHWARD FOR LOCAL CONSUMPTION) WITH SPARES INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	15	CONTRACT	Reapplication of Phase 7 project to allow the distribution of excess LPG from SOC to the North.	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : SOUTH GAS COMPANY
LOCATION : BASRAH
PROJECT 10-09 : DEVELOPMENT PROJECTS

SHEET NO.: 10 OF 10

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-10-09-1191	WATER SUPPLY PLANT COMPLETE (PIPES & FITTINGS, PUMPS, DESALINATION UNITS, CLARIFIERS, FILTERS, ELECTRICAL, CONTROL & INSTRUMENTATION, TELEPHONIC SERVICES & OTHER NECESSARY ITEMS) INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	12	CONTRACT	New water plant at Muftiya for provision of better quality water supply, drwan from the Shat al-Arab	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : GAS FILLING CO.
LOCATION : ALL AREAS
PROJECT 11-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-01-1200	LPG CYLINDER VALVES :-			Requirements to repair existing cylinders	Unable to Determine
	- UPPER PARTS OF VALVES COMPLETE	1500000	NOS.	As above	
	- RELIEF VALVE (COMPLETE). PISTON WITH PAD, SPRING & RETAINER	100000	NOS.	As above	
	- TORQUE WRENCH FOR SCREWING COMPLETE VALVE	200	NOS.	As above	
	- TOOLS FOR SCREWING UPPER PART OF VALVE	500	NOS.	As above	
08-8-11-01-1201	FILLING HEAD COMPLETE AND SPARES:-			Requirement for carousel repairs	Unable to Determine
	- PNEUMATIC FILLING HEAD COMPLETE	500	NOS.	As above	
	- MANUAL FILLING HEAD	100	NOS.	As above	
	- SPARE PARTS FOR PNEUMATIC AND MANUAL F.H.	40000	NOS.	As above	
08-8-11-01-1202	PLASTIC TIE SEAL FOR LPG CYLINDER VALVES	10000	NOS.	Requirement for Quality control	Not Notifiable
08-8-11-01-1203	SPARE PARTS FOR FILLING PLANTS	10000	NOS.	General spares for filling plants	Unable to Determine
		200	SET	As above	
		10000	MTR.	Chains for conveyors	

MINISTRY OF OIL

ESTABLISHMENT NAME : GAS FILLING CO.

LOCATION : ALL AREAS

PROJECT 11-01 : MAINTENANCE & OPERATION

SHEET NO.: 2 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-01-1204	PIPES, PIPE FITTINGS, STUD BOLTS, NUTS, GASKETS, FLANGES	1000000 50000	NOS. MTR.	Spares for filling plants As above	Unable to Determine
08-8-11-01-1205	VALVES, ACCESSORIES FOR LPG FLOW METERS AND BEARINGS	24000	NOS.	Flow meters for control in plants	Unable to Determine
08-8-11-01-1206	BEARINGS AND OIL SEAL tools for bearing maintenance	6710 170 60	NOS. nos set	General spares	Not Notifiable
08-8-11-01-1207	AIR COMPRESSORS WITH AIR DRYERS AND SPARE PARTS	700 200	NOS. SET	Requirements compressors in filling plants As above	Probably Not Notifiable
08-8-11-01-1208	PORTABLE AIR COMPRESSOR	100	NOS.	As above	Probably Not Notifiable
08-8-11-01-1209	LPG PUMPS WITH SPARE PARTS	50	SET	Requirements for pumping LPG	Unable to Determine
08-8-11-01-1210	HEAVY DUTY MECHANICAL WEIGHING SCALE CAPACITY 200 KG.	50	NOS.	Equipment for filling plants	Not Notifiable
08-8-11-01-1211	WEIGHING BRIDGE CAPACITY 80000 KG.	3	NOS.	Equipment for filling plants	Not Notifiable

MINISTRY OF OIL**SHEET NO.: 3 OF 12****ESTABLISHMENT NAME : GAS FILLING CO.****LOCATION : ALL AREAS****PROJECT 11-01 : MAINTENANCE & OPERATION**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-01-1212	- SPARE PARTS FOR L.T. ELECTRICAL CONTROL EQUIPMENT (C.B CONTRACTOR, ENCLOSURE, TIMER, OVERLOAD ... ETC.)	50000	NOS.	Requirements for filling plant maintenance	Unable to Determine
	- SPARE PARTS FOR H.T. ELECTRICAL EQUIPMENT	500	NOS.	As above	
08-8-11-01-1213	DIESEL GENERATOR COMPLETE WITH SPARE PARTS	30	SET	Standby power units	Unable to Determine
08-8-11-01-1214	ELECTRICAL MOTORS AND SPARE PARTS FOR MOTORS	521	NOS.	Maintenance requirements	Unable to Determine
08-8-11-01-1215	- PRESSURE & THERMOMETER GAUGES WITH SPARE PARTS AND TOOLS	6000	NOS.	Process control requirements	Unable to Determine
	- CONTROL VALVE SYSTEM (INCLUDING CONTROLLER AND POSITIONER) WITH SPARE PARTS	200	NOS.	As above	Unable to Determine
	- SPARE PARTS FOR DIFFERENT SIZES OF GAS REGULATORS	200	NOS.	As above	Unable to Determine
08-8-11-01-1216	ACCESSORIES FOR LPG TRAILERS 20 TON CAPACITY	1000	NOS.	Vehicle spares	Unable to Determine
08-8-11-01-1217	SPARE PARTS & EQUIPMENT FOR CYLINDERS FACTORY:-			Requirements for filling plant maintenance	Unable to Determine
	- SPARE PARTS FOR OXYGEN PLANT	600	NOS.	As above	
	- SPARE PARTS FOR SHOT BLASTING UNIT	300	NOS.	As above	
	- SPARE PARTS FOR HYDRAULIC PRESS	500	NOS.	As above	
	- SPARE PARTS FOR CO2 WELDING MACHINE	150	NOS.	As above	
	- SUBMERGED WELDING MACHINE FOR WELDING MIDDLE SEAM	2	NOS.	As above	

MINISTRY OF OIL
ESTABLISHMENT NAME : GAS FILLING CO.
LOCATION : ALL AREAS
PROJECT 11-01 : MAINTENANCE & OPERATION

SHEET NO.: 4 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-01-1218	- SUBMERGED ARC WELDING MACHINE FOR WELDING VALVE NECK	1	NOS.	Specialized welding equipment	Unable to Determine
	- MIG-MAG WELDING MACHINE	5	NOS.	As above	
	- OVEN FOR DRYING WELDING RODS	5	NOS.	As above	
	- ELECTRICAL SPARE PARTS AND MATERIALS	300	NOS.	As above	
08-8-11-01-1219	SPARE PARTS FOR BOILERS	300	NOS.	Steam generation	Unable to Determine
08-8-11-01-1220	CHEMICALS :- -FOR INDUSTRIAL WATER TREATMENT	25	TON	Consumable requirements	Unable to Determine Not Notifiable
	- MOLECULAR SIEVE FOR SWEATING BUTANE & AROMATICS REMOVAL	1000	KG.	As above	
	- ODERANT FOR LPG (THIOPHENE)	50	TON	As above	Not Notifiable
08-8-11-01-1221	CATHODIC PROTECTION: ANODES & ACCESSORIES	500	NOS.	NDT and pipe protection	Probably Not Notifiable
08-8-11-01-1222	low pressure (310mmwc) lpg regulators	500,000	nos		
	spare parts for above regulators	285000 6000	nos set		
	LPG rubber hoses	1,000,000	nos		
	spare parts for click on low pressure reulator type 110A	271000 6000	nos set		
	16" plug valve class 600 wit gear assembly, electrically operated	2	nos		
	16" class 600 rf flange, weldneck	12	nos		

LOCATION : ALL AREAS
PROJECT 11-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-02-1225	LPG CYLINDERS COMPLETE WITH VALVES	600000	NOS.	Replacement fo damaged items	Unable to Determine
08-8-11-02-1226	COOLING TOWER, COOLING SYSTEM, CENTRAL HEATING SYSTEMS WITH SPARE PARTS	1500 3000	NOS. SET	Hexane unit at Taidji Plant	Unable to Determine
08-8-11-02-1227	REVAMPING OF TRANSFORMERS AND CABLES (COPPER, STEEL PLATE ...ETC.)	150 25000	TON MTR.	Repairs As above	Probably Not Notifiable
08-8-11-02-1228	MACHINE EQUIPMENT & SPARE PARTS FOR CYLINDER REPAIR WORKSHOPS :- - HYDROSTATIC TEST UNIT WITH SPARE PARTS - SPARE PARTS FOR HYDROSTATIC UNITS - SAND BLASTING UNITS, CAPACITY 75 CYLINDERS / HR WITH SPARES - MANIPULATORS FOR CUTTING BASE RING & COLLAR C/W SPARES - MANIPULATORS FOR WELDING LPG CYLINDER BASE AND GUARD RING WITH SPARE PARTS - MANIPULATORS FOR GRINDING LPG CYLINDERS	 2 250 6 20 40 20	 NOS. NOS. NOS. NOS. NOS. NOS.	Requirements to revamp cylinder repair workshops As above As above As above As above As above As above	Unable to Determine

MINISTRY OF OIL

ESTABLISHMENT NAME : GAS FILLING CO.

LOCATION : ALL AREAS

PROJECT 11-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION

SHEET NO.: 6 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-02-1229	- VALVE SCREWING MACHINE	16	NOS.	Repairs to cylinders	Unable to Determine
	- WELDING MACHINE 500 AMP.	50	NOS.	As above	Unable to Determine
	- ROLLER CONVEYORS (SECTIONS & ELBOWS)	1000	MTR.	As above	Probably Not Notifiable
	- DENT REPAIR EQUIPMENT WITH SPARE PARTS	15	NOS.	As above	Unable to Determine
	- EQUIPMENT FOR REPAIR OF BASE RINGS AND COLLARS	15	NOS.	As above	Unable to Determine
	- QUALITY CONTROL EQUIPMENT FOR CHECKING LPG CYLINDER DIMENSIONS	2	SET	As above	Unable to Determine
08-8-11-02-1230	- GAS COMPRESSOR WITH SPARE PARTS	5000	NOS.	Requirements for 20 new gas compressors in filling plants	Unable to Determine
		10000	SET	As above	
		10000	LIT.	As above	
08-8-11-02-1231	- COMPLETE PUMP WITH BASE PLATE AND MOTOR FOR NAPHTHA AND WATER SYSTEM WITH SPARE PARTS	50	SET	Process control requirements	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : GAS FILLING CO.
LOCATION : ALL AREAS
**PROJECT 11-03 : SUSTAINING & ENHANCING PRODUCTION
CAPABILITIES**
SHEET NO.: 7 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-03-1235	- STEEL PLATE SIZE 2.5 X 164 MM IN COILS-COLLAR	1000	TON	Consumables for base rings	Probably Not Notifiable
	- STEEL PLATE SIZE 3 X 85 MM IN COILS - BASE	1000	TON	Consumables for collar rings	
08-8-11-03-1236	- WORKSHOP MACHINES (LATHE, MILLING HACKSAW, THREADING PRESS)	500	NOS.	Workshop requirements for upgrading workshops	Unable to Determine
	- MAINTENANCE EQUIPMENT, PIPE CUTTER, LAPPING MACHINE FOR FLANGE, PISTOL FOR BOLT TIGHTENING,	200	SET	As above	
	HANDLE HYDRAULIC PUMP AND AIR COMPRESSOR FOR HIGH PRESSURE	10000	NOS.	As above	
	- MAINTENANCE TOOLS MEASURING DEVICE, OXY PROPANE GAS CUTTING, THERMAL PIPE TAPES	100	SET	As above	
		10000	NOS.	As above	
		200	SET	As above	
08-8-11-03-1237	PLATE & ACCESSORIES FOR LPG VESSELS :-	8	SET	Requirements to construct storage spheres	Unable to Determine
	- PLATE & ACCESSORIES FOR '3000' M3 & 2000 M3 LPG SPHERICAL TANKS			As above	
08-8-11-03-1238	CYLINDER PALLETS :-	8000 2000	TON NOS.	Requirements to replace damaged equipment:-	Unable to Determine Unable to Determine
	- STEEL FOR LPG PALLETS - MACHINES & EQUIPMENT FOR LPG CYLINDERS WITH SPARE PARTS			Pallets LPG cylinders	

MINISTRY OF OIL**SHEET NO.: 8 OF 12****ESTABLISHMENT NAME : GAS FILLING CO.****LOCATION : ALL AREAS****PROJECT 11-04 : SAFETY & ENVIRONMENTAL PROTECTION**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-04-1245	COMPLETE FIRE FIGHTING PUMPS WITH SPARE PARTS (ELECTRIC MOTOR, DIESEL ENGINE)	50	SET	Fire fighting requirements	Unable to Determine
08-8-11-04-1246	FIRE FIGHTING & SAFETY EQUIPMENT :- - FIRE FIGHTING (FIRE WATER HOSE, DRY POWDER EXTINGUISHER, FIRE WATER MONITOR, HYDRANT, CO2 FILLING UNIT)	311	NOS.	Fire and safety equipment As above	Unable to Determine
	- DRY POWDER & FOAM	8.5	TON	Consumables	
	- BREATHING APPARATUS	100	SET	Safety equipment	
	- PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ... ETC.)	15000	NOS.	Personal safety wear	

MINISTRY OF OIL
ESTABLISHMENT NAME : GAS FILLING CO.
LOCATION : ALL AREAS
PROJECT 11-05 : SERVICE AND PLANT EQUIPMENT

SHEET NO.: 9 OF 12

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-05-1250	- PHOTOCOPYING MACHINES (AO) WITH CONSUMABLES & SPARE PARTS	10	ITEM	Office equipment - A4	Probably Not Notifiable
	- LIGHTING AND SPARE PARTS	30000	NOS.	Lighting requirements	

MINISTRY OF OIL**SHEET NO.: 10 OF 12****ESTABLISHMENT NAME : GAS FILLING CO.****LOCATION : ALL AREAS****PROJECT 11-06 : TESTING ,INSPECTION, STUDIES, SURVEYS
& LABORATORIES**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-06-1255	INSPECTION EQUIPMENT:-			Engineering and NDT inspection equipment	Unable to Determine
	- MODERN HARDNESS TESTER FOR RUBBER MATERIAL	2	NOS.	As above	Probably Not Notifiable
	- TENSILE & ELONGATION EQUIPMENT FOR RUBBER MATERIAL	2	NOS.	As above	Probably Not Notifiable
	- ANALYZER EQUIP. FOR RUBBER MATERIAL COMPONENTS WITH ACCESSORIES	1	NOS.	As above	Probably Not Notifiable
	- COATING GAUGE	2	NOS.	As above	Unable to Determine
	- HOLIDAY DETECTOR	2	NOS.	As above	Unable to Determine
	- X-RAY UNIT 300 KV	1	NOS.	As above	Unable to Determine
08-8-11-06-1256	ELECTRICAL TESTING EQUIPMENT WITH TOOLS AND ACCESSORIES	500	NOS.	"Avo" meters and accessories	Unable to Determine
08-8-11-06-1257	CODES , STANDARDS & SCIENTIFIC REFERENCES	10	ITEM	Technical literature	Not Notifiable
08-8-11-06-1258	GAS DETECTOR SYSTEM WITH SPARE PARTS	360	NOS.	Safety detectors for gas plants	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 11 OF 12

ESTABLISHMENT NAME : GAS FILLING CO.

LOCATION : ALL AREAS

**PROJECT 11-06 : TESTING ,INSPECTION, STUDIES, SURVEYS
& LABORATORIES**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-06-1259	LABORATORY APPARATUS AND GLASSWARE :-			Laboratory requirements for quality control	Unable to Determine
	- DISTILLED WATER APPARATUS	2	NOS.	As above	
	- GAS DETECTOR	2	NOS.	As above	
	- GAS ANALYZER WITH ALL ACCESSORIES	1	NOS.	As above	
	- SPARE PARTS FOR GAS ANALYZER	50	NOS.	As above	
	- WATER TESTING GLASSWARE	2094	NOS.	As above	
	- Hydrogen generator 'WITH SPARES' and ACCESSORIES	1	NOS	NON OIP new item Comm 830867	
08-8-11-06-1260	CONTRACTS FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS OF ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIERS WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spare parts and equipment prior to shipment to Iraq (PSI)	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 12 OF 12****ESTABLISHMENT NAME : GAS FILLING CO.****LOCATION : ALL AREAS****PROJECT 11-07 : DEVELOPMENT PROJECTS**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-11-07-1265	- NEW AUTOMATIC FILLING PLANT	40	ITEM	Replacement filling plants	Unable to Determine
	- FLAME PROOF FORK LIFT (5 TON CAP.) FOR NEW FILLING PLANTS	20	NOS.	Flame proof fork lift	
	- TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	2	CONTRACT	TSC's for consulatncy	

MINISTRY OF OIL**SHEET NO.: 1 OF 17****ESTABLISHMENT NAME : OIL PIPELINES COMPANY****LOCATION : ALL AREAS****PROJECT 12- 01 : MAINTENANCE & OPERATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-01-1270	SPARE PARTS FOR METERING STATIONS FOR ALL AREAS	150	NOS.	Requirements for internal control	Unable to Determine
08-8-12-01-1271	SPARE PARTS FOR SOLATRON DENSITY EQUIPMENT SIGNAL CONVERTER TYPE 7950 FOR ALL AREAS	190	NOS.	Requirements for internal control	Unable to Determine
08-8-12-01-1272	SPARE PARTS FOR TANK LEVEL GAUGES FOR ALL AREAS	1000	NOS.	Requirements for internal control	Unable to Determine
08-8-12-01-1273	SPARE PARTS FOR LOADING ARMS FOR ALL AREAS	150	NOS.	Spares for overhead gantries	Unable to Determine
08-8-12-01-1274	SPARE PARTS FOR PANEL INDICATORS FOR ALL AREAS	20	NOS.	Internal control instrumentation	Unable to Determine
08-8-12-01-1275	DENSITY GRAPHIC RECORDER, COMPLETE UNIT FOR ALL AREAS	20	NOS.	Internal control instrumentation	Not Notifiable
08-8-12-01-1276	TEMPERATURE MONITORING UNITS, COMPLETE SYSTEM FOR PUMPING STATIONS FOR ALL AREAS	20	NOS.	Internal control instrumentation	Not Notifiable
08-8-12-01-1277	ACCULOAD FOR CONTROLLING LOADING ARMS FOR TRUCK LOADING FOR ALL AREAS	270	NOS.	Internal control instrumentation	Probably Not Notifiable
08-8-12-01-1278	CONTROL PANEL FOR PUMPS WITH ALL ACCESSORIES REQUIRED TO START AND CONTROL MOTOR AND PUMPS FOR SOUTHERN AREA	1	SET	Internal control instrumentation	Unable to Determine
08-8-12-01-1279	LOADING ARMS, 3 AND 6 INCHES WITH RECOMMENDED SPARE PARTS FOR TWO YEARS FOR ALL AREAS	2	SET	Replacement loading arms	Probably Not Notifiable
08-8-12-01-1280	TORQUE WRENCH, HYDRAULIC OR PNEUMATIC WITH SOCKETS FOR ALL AREAS	6	NOS.	Tools	Probably Not Notifiable
08-8-12-01-1281	SPARE PARTS FOR P.D. METERS, DIFFERENT SIZES (3-12) INCHES ALL AREAS	10000	NOS.	Metering requirements	Unable to Determine
08-8-12-01-1282	SPARE PARTS FOR LOADING AND UNLOADING PUMPS ALL AREAS	5000	NOS.	Spares for pumps	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 2 OF 17**

ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : ALL AREAS
PROJECT 12-01 : MAINTENANCE & OPERATION

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-01-1283	SPARE PARTS FOR GENERATORS DIFFERENT SIZES (75-750) KVA ALL AREAS	20000	NOS.	Stand-by emergency power supply	Unable to Determine
08-8-12-01-1284	STOPPLE OPERATION MACHINE FOR 14 INCHES LPG PIPELINE (KIRKUK - BASRAH PIPELINE)	2	ITEM	Specialized by-pass to allow "hot-work" on working LPG lines	Unable to Determine
08-8-12-01-1285	WORKSHOP TOOLS INCLUDING THE FOLLOWING FOR ALL AREAS:- HAND OPERATED HYDRAULIC TEST PUMP, MANUAL PIPE CUTTER WITH WHEELS, ELECTRIC GRINDER WITH DISCS, WHEEL TYPE STEEL BRUSHES & WELDING HELMETS	7400	NOS.	Manitenance requirements	Unable to Determine
08-8-12-01-1286	DIESEL ENGINE GENERATING SETS , DIFFERENT SIZES,(100-750) KVA ,400/230 VOLTS,50HZ ALL AREAS	6	SET	Replacement generators	Unable to Determine
08-8-12-01-1287	VALVES AND FITTINGS, DIFFERENT SIZES AND CLASSES ALL AREAS	2750	NOS.	Replacement valves	Unable to Determine
08-8-12-01-1288	CATHODIC PROTECTION EQUIPMENT AND MATERIAL ALL AREAS INCLUDING:- T/R STATIONS, ANODES (FE-SI-CR), MAGNETIC ANODES, HIGH VOLTAGE TRANSFORMER (132) KV/(220) V, CABLES SINGLE CORE , THERMITE WELDING, ...ETC.	4250	NOS.	NDT and cathodic protection	Unable to Determine
08-8-12-01-1289	CABLE FAULT LOCATOR AND CABLE BURNER VEHICLE- MOUNTED SYSTEM	1	SET	NDT and cathodic protection	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : ALL AREAS
PROJECT 12-01 : MAINTENANCE & OPERATION
SHEET NO.: 3 OF 17

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-01-1290	TRANSFORMER OIL PURIFYING AND DRYING SETS ALL AREAS	2	SET	Treatment of transformer oils	Unable to Determine
08-8-12-01-1291	HYDRAULIC AND MANUAL CABLE AND MOTOR MAINTENANCE EQUIPMENT ALL AREAS	50	SET	Repair and maintenance	Probably Not Notifiable
08-8-12-01-1292	POWER CABLE LUGS AND CONNECTORS ALL AREAS	30000	NOS.	Connectors	Probably Not Notifiable
08-8-12-01-1293	LPG METERING SYSTEM FOR ALL AREAS:- <u>GROUP A</u>			LPG metering systems:-	Unable to Determine
	- FLOW METER (P.D) WITH COUNTER (INTEGRAL TYPE) WITH PRESSURE AND TEMP COMPENSATION AND STRAINER .	30	SET	Counters	
	- SPARE PARTS FOR PD METER .	300	NOS.	Spares for counters	
	<u>GROUP B</u>				
	- FLOW COMPUTER .	12	NOS.	Data collection	
	- SPARE PARTS FOR TURBINE METER .	80	NOS.	Metering spares	
	<u>GROUP C</u>				
	- RESTRICTION ORIFICE ASSEMBLY	15	NOS.	Flow meter orifice	
	<u>GROUP D</u>				
	- TURBINE METER WITH COUNTER (INTEGRAL TYPE) WITH	20	NOS.	Complete units	
	- PRESSURE AND TEMP. COMPENSATOR COMPLETE WITH RECOMMENDED ACC. AND SPARE PARTS	10	SET	Compensators for above units	

MINISTRY OF OIL**SHEET NO.: 4 OF 17****ESTABLISHMENT NAME : OIL PIPELINES COMPANY****LOCATION : ALL AREAS****PROJECT 12-01 : MAINTENANCE & OPERATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-01-1294	LINE PIPE, PRE-COATED, DIFFERENT SIZES (2"-16") AND SCHEDULES WITH HEAT SHRINKABLE SLEEVE FOR (12"-16") ONLY (7000 NOS) FOR KARKH - ANBAR/KIRKUK - HADITHA AND OTHER PIPELINES REPAIR	150	KM.	Replacement of corroded pipework	Unable to Determine
08-8-12-01-1295	ELECTRICAL & DIESEL DRIVEN PUMPS FOR LIGHT OIL PRODUCTS, CAPACITY 50-75 M3/HR. OF VARIOUS HEADS & SIZES WITH ACCESSORIES & SPARE PARTS	50	NOS.	Pumps for use where no electricity supply is available	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 5 OF 17****ESTABLISHMENT NAME : OIL PIPELINES COMPANY****LOCATION : ALL AREAS****PROJECT 12-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-02-1300	PUMPING STATION FOR OIL PRODUCTS FOR HAMMAM AL ALIL (NORTH AREA) COMPRISING THE FOLLOWING:- - MAIN PUMPS, 700 M3/HOUR EACH OF 500 M HEAD - BOOSTER PUMPS, 700 M3/HOUR EACH OF 60 M HEAD. - SWITCHGEARS H.T. - INTERNAL PIPING, VALVES, FITTINGS AND ACCESSORIES - MEASURING AND CONTROL EQUIPMENT - REMOTE CONTROL PANEL - POWER AND CONTROL CABLES - METERING AND GAUGING - PROTECTION SYSTEM, COMPLETE (TEMPERATURE VIBRATION, PRESSURE, .. ETC.) WITH ALL REQUIRED ACCESSORIES TO COMPLETE THE ABOVE SYSTEM INCLUDING RECOMMENDED SPARE PARTS FOR TWO YEARS OPERATION AS PER DRAWING AND LIST OF MATERIALS AND EQUIPMENT	100	ITEM	Project carried forward from Phase 7 As above As above As above As above As above As above As above As above As above	Unable to Determine

MINISTRY OF OIL
SHEET NO.: 6 OF 17
ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : ALL AREAS
**PROJECT 12-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-02-1301	CABLES ARMoured, XPLE 3X240 MM2,19/33KV COMPLETE WITH 10 SETS STRAIGHT JOINTING KITS AND 10 SETS INDOOR TERMINATION KITS ALL AREAS	6000	MTR.	Replacement of damaged cabling	Not Notifiable
08-8-12-02-1302	CABLE DRUM TRANSPORTING AND CABLE LAYING TRAILERS ALL AREAS	5	NOS.	As above	Probably Not Notifiable
08-8-12-02-1303	LIGHTING EQUIPMENT, FITTINGS, BULBS, BALLAST, IGNITERS, TUBULAR TUBES, ...ETC. ALL AREAS	1000	NOS.	Lighting	Not Notifiable
08-8-12-02-1304	MOBILE FLOOD LIGHTING EQUIPMENT, DIESEL ENGINE GENERATION ALL AREAS AND SPARE PARTS	10	SET	Mobile lighting	Probably Not Notifiable
08-8-12-02-1305	MOTOR MONITORING AND PREDICTIVE ANALYSIS EQUIPMENT ALL AREAS	5	SET	Equipment for wear analyses	Unable to Determine
08-8-12-02-1306	REHABILITATION OF OBSOLETE TELECOMMUNICATION AND TELEPHONE EQUIPMENT TO SECURE LINK WITH DEPOTS AND PUMPING STATIONS COMPRISING :-			Replacement of radio links between pumping stations	Unable to Determine
	- PABX (20-200 LINES) WITH ALL ACCESSORIES AND SPARES	2	SET	As above	
	- TELEPHONE	500	SET	As above	
	- RADIO LINK UHF C/W ALL ACCESSORIES AND SPARES	10	SET	As above	
08-8-12-02-1307	PUMPS FOR LPG DRIVEN BY ELECTRIC MOTOR , DIFFERENT SIZES AND TYPES WITH ALL RECOMMENDED ACCESSORIES TO BE OPERATED SAFELY FOR THIS TYPE OF PRODUCT WITH SPARE PARTS FOR 2 YEARS OPERATION ALL AREAS	5	NOS.	LPG pumps at various installations	Unable to Determine

MINISTRY OF OIL

ESTABLISHMENT NAME : OIL PIPELINES COMPANY

LOCATION : ALL AREAS

**PROJECT 12-03 : SUSTAINING & ENHANCING PRODUCTION
CAPABILITIES**

SHEET NO.: 7 OF 17

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-03-1315	STORAGE TANKS, FLOATING ROOF 10000 CUBIC METER CAPACITY, COMPLETE WITH ACCESSORIES (INSTRUMENTS, GAUGES, EARTHING, MANHOLES, INLET AND OUTLET OPENINGS, VALVES, FLANGES, PIPES, FIRE FIGHTING EQUIPMENT AND FITTINGS ...ETC.) FOR NORTH AND CENTRAL AREAS	10	SET	Bulk storage tanks for kerosene - winter usage - in Mosul City and Samara.	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : ALL AREAS
PROJECT 12-04 : SAFETY & ENVIRONMENTAL PROTECTION
SHEET NO.: 8 OF 17

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-04-1320	SPARES FOR FIRE FIGHTING PUMPS, DIESEL DRIVEN ALL AREAS	5000	NOS.	Fire fighting spares	Unable to Determine
08-8-12-04-1321	FIRE-FIGHTING EQUIPMENT FOR ALL AREAS :-			Fire fighting equipment requirements for all areas:-	Unable to Determine
	- FIRE FIGHTING VEHICLES FOR OIL INDUSTRY COMPLETE WITH ALL RECOMMENDED SPECIALIZED EQUIPMENT AND LONG TERM SPARE PARTS FOR TWO YEARS OPERATION	3	NOS.	As above	
	- FIRE FIGHTING SERVICE WATER PUMPS, DIESEL DRIVEN, SKID MOUNTED, COMPLETE WITH RECOMMENDED SPARE PARTS .	3	NOS.	As above	
	- HEAVY DUTY WATER DISCHARGE FLEXIBLE HOSE, 16 INCHES NOMINAL DIAMETER WITH BRASS RAISED FACE FLANGES TO ANSI ATTACHED BOTH ENDS, CLASS 150 LBS, IN LENGTHS OF 1.5 METERS	10	NOS.	As above	
	- PERSONNEL SAFETY WEAR (BOOTS, SUITS, GOGGLES, HELMETS ... ETC.)	25000	PCS.	Safety equipment	
	- SAFETY EQUIPMENT AND DRESSES AS FOLLOWS .	3600	NOS.	Safety equipment for fire fighting	
	- FIREMEN OVERALLS , LEATHER BOOTS, SAFETY SHOES, LEATHER GLOVES FOR WELDING ELECTRICIAN GLOVES, WELDERS FACE SHIELD, LEATHER WELDING APRON & CUFFS, FAST RELEASE GAITERS, HELMETS & SAFETY BELTS	500	NOS.	As above	
08-8-12-04-1322	PORTABLE FLARE SYSTEM TO BE USED FOR BURNING NATURAL GAS & VAPOURS OF LIGHT OIL PRODUCTS COMPLETE WITH ALL ACCESSORIES & SPARE PARTS	10	NOS.	Equipment for purging tanks or pipelines	Not Notifiable

MINISTRY OF OIL

ESTABLISHMENT NAME : OIL PIPELINES COMPANY

LOCATION : ALL AREAS

PROJECT 12-04 : SAFETY & ENVIRONMENTAL PROTECTION

SHEET NO.: 9 OF 17

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-04-1323	EQUIPMENT FOR POLLUTION CONTROL IN RIVERS & DRINKING WATER INTAKES CONSISTING OF THE FOLLOWING:- - SKIMMERS WITH PUMPS & ACCESSORIES. - RIVER BOOMS 25 METRE LONG			Pollution control and clear up equipment	Unable to Determine
		5	NOS.	As above	
		50	NOS.	As above	

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : ALL AREAS
PROJECT 12-05 : SERVICE AND PLANT EQUIPMENT

SHEET NO.: 10 OF 17

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-05-1330	SPARE PARTS FOR AIR-CONDITIONING EQUIPMENT FOR ALL AREAS	100	ITEM	Environmental control equipment	Probably Not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : ALL AREAS
**PROJECT 12-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES**
SHEET NO.: 11 OF 17

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-06-1335	QUALITY CONTROL EQUIPMENT FOR OIL PRODUCTS(FOR ALL AREAS) WITH SPARES FOR 2 YEARS FOR EACH ITEM AND ALL ITEMS SHOULD BE CERTIFIED AS FOLLOWS:-			Product testing laboratory equipment	Unable to Determine
	- ABEL FLASH POINT APPARATUS ACCORDING TO API 170	5	NOS.	As above	
	- FLASH POINT PENSKEY-MARTINS TESTERS ACCORDING TO ASTM D-93	5	NOS.	As above	
	- DISTILLATION APPARATUS ACCORDING TO ASTM D-86	5	NOS.	As above	
	- CHROMOMETER COLOR ACCORDING TO ASTM B33D-156+B75	4	NOS.	As above	
	- COLOR COMPARATOR ACCORDING TO ASTM D-1500	4	NOS.	As above	
	- PLASTIC CYLINDERS, CAPACITY (500-1000) ML	200	NOS.	As above	
	- SAMPLING PLASTIC BOTTLES, CAPACITY (500-1000) ML	200	NOS.	As above	
08-8-12-06-1336	- ENGINE TEST METHOD FOR KNOCK CHARACTERISTICS OF MOTOR FUELS BY THE RESEARCH METHOD ACC.TO ASTM D-2699	1	NOS.	As above	Unable to Determine
	INSPECTION EQUIPMENT FOR TESTING PIPES AND TANKS ALL AREAS			NDT requirements	
	- VACUUM PUMP, ELECTRIC MOTOR AND GASOLINE ENGINE DRIVEN	5	set	As above	
	- ANGLE AND FLAT TEST BOXES	10	set	As above	
	- HOLIDAY DETECTOR	4	NOS.	As above	
	vacuum mask type 6070403	2	NOS.		

MINISTRY OF OIL**SHEET NO.: 12 OF 17****ESTABLISHMENT NAME : OIL PIPELINES COMPANY****LOCATION : ALL AREAS****PROJECT 12-06 : TESTING, INSPECTION, STUDIES, SURVEYS &
LABORATORIES**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-06-1337	REHABILITATION OF GAS & OIL PRODUCTS PIPELINES OF DIFFERENT DIAMETERS (10" - 26") TOTALING OVER 1000 KM IN LENGTH FOR BAIJI-HAMMAM AL-ALIL/BAIJI-HADITHA/BAIJI- BAGHDAD/ BAGHDAD -NASSIRIYAH& OTHER PIPELINES - CLEANING THE PIPELINES USING CLEANING PIGS FOLLOWED BY RUNNING PIGS WITH GAUGING PLATES - MEASURING AND RECORDING THE INTERNAL GEOMETRY OF THE PIPELINES USING CALIPER PIGS - INTERNAL INSPECTION OF THE LINES USING INTELLIGENT PIGS TO DETECT & LOCATE CORRODED AREAS & DEFECTS - SUPPLYING ALL TOOLS, PIGS, PIG TRACKING EQUIPMENT AND PRESSURE MONITORING EQUIPMENT REQUIRED FOR FULFILLMENT OF THE ABOVE MENTIONED OPERATIONS.	4	CONTRACT	External contracts for intelligent pigging As above As above As above As above	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : ALL AREAS
PROJECT 12-07 : DEVELOPMENT PROJECTS
SHEET NO.: 13 OF 17

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-07-1345	<p>LINEPIPE,CARBON STEEL,10 INCHES, 180 KILOMETERS FACTORY COATED WITH EXTRUDED POLYETHYLENE PLUS HEAT SHRINKABLE SLEEVES FOR GIRTH WELDS,COMPLETE WITH THE FOLLOWING (FOR BAIJI-MOSUL LPG PIPELINE) :-</p> <ul style="list-style-type: none"> - LAUNCHING AND RECEIVING TRAP STATIONS - REDUCTION PRESSURE STATION - FILTERS, MICROFILTERS, FLOW METERS - LINE BREAK VALVES, 10 INCHES, BALL AND CHECK VALVES - CONTROL AND TELECOMMUNICATION SYSTEM - CATHODIC PROTECTION SYSTEM - ELECTRICAL MATERIALS COMPRISING OF CABLES , LIGHTING WELDING ELECTRODES, ... ETC. - ACCESSORIES INCLUDING BALL VALVES, GLOBE VALVES, CHECK VALVES, FLANGES, TEES, ELBOWS, REDUCERS, CAPS,DIFFERENT SIZES GASKETS, STUD BOLTS, NUTS,...ETC. - TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY <p>Electrical materials comprising cables, lighting fittings, welding electrodes, accessories for construction etc.</p>	8	CONTRACT	<p>TSC's and equipment to supply LPG pipelien from Baiji to Mosul for domestic LPG requirements</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p> <p>As above</p>	<p>Not Notifiable</p> <p>Unable to Determine</p> <p>Unable to Determine</p> <p>Unable to Determine</p> <p>Probably Not Notifiable</p> <p>Unable to Determine</p> <p>Probably Not Notifiable</p> <p>Probably Not Notifiable</p> <p>Probably Not Notifiable</p> <p>Probably Not Notifiable</p> <p>Unable to Determine</p>

MINISTRY OF OIL
SHEET NO.: 14 OF 17
ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : BASRAH / NASSIRIYAH
**PROJECT 12-08 : DEVELOPMENT PROJECTS (BASRAH-NASSIRIYAH
GAS PIPELINE)**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-08-1350	LINE PIPE CARBON STEEL 42" OD, 240 KM, DIFFEERENT THICKNESSES, FACTORY COATED WITH EXTRUDED PE PLUS SHRINK SLEEVES FOR GIRTH WELDS, COMPLETE WITH THE FOLLOWING FOR BASRAH-NASSIRIYAH GAS PIPELINE			TSC's to expand national LPG Grid in the South, replacing old small diameter pipelines.	Not Notifiable
	- SLEEVES PIPE, CARBON STEEL 48" 500 METERS COATED WITH EXTR. PE PLUS SHRINK SLEEVES	6	CONTRACT	As above	Not Notifiable
	- WELDING ELECTRODES, 400 TONS, OF DIFFERENT SIZES AND TYPES	180	NOS		
	- LINE BREAK VALVES MANUAL AND ACTUATED, DIFFERENT TYPES AND SIZES FROM 42" TO 1/2"	8	NOS	As above	Probably Not Notifiable
	- CONSUMABLES AND CONSTRUCTION TOOLS			As above	Unable to Determine
	- LAUNCHING AND RECEIVING STATIONS, 46"x 42"			As above	Probably Not Notifiable
	- FITTINGS, DIFFERENT SIZES AND TYPES FOR ABOVE PIPELINE			As above	Probably Not Notifiable
	- CATHODIC PROTECTION SYSTEM			As above	Probably Not Notifiable
	- PIPES OF VARIOUS DIAMETERS AND LENGHTS TO BE USED FOR CONNECTION TO THE VALVES NETWORK, TOTAL LENGTH 2000 METERS				
	- INSTRUMENT AND PIGS			As above	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 15 OF 17

ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : KIRKUK
PROJECT 12-09 : DEVELOPMENT PROJECTS (KIRKUK - DIBIS
FUEL OIL PIPELINE PIPELINE)

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-09-1355	PIPELINE TO TRANSPORT FUEL OIL FROM KIRKUK DEPOTS TO DIBIS POWER STATION 10 INCH DIAMETER 35 KM. LONG WITH HEAT INSULATED TANKS,PUMPS,METERING, ELECTRICAL,INSTRUMENTS & CATHODIC PROTECTION,PIG TRAPS,VALVES & OTHER ACCESSORIES INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	12	CONTRACT	Fuel oil pipeline from Kirkuk to Dibis Power Station	Unable to Determine

MINISTRY OF OIL

SHEET NO.: 16 OF 17

ESTABLISHMENT NAME : OIL PIPELINES COMPANY
LOCATION : MOSUL AREA
PROJECT 12-10 : DEVELOPMENT PROJECTS
(ITP - NORTH POWER STATION CRUDE OIL PIPELINE)

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-10-1360	PIPELINE TO TRANSPORT CRUDE OIL FROM IRAQ-TURKEY PIPELINE TO NORTH POWER STATION ,16 INCH DIAMETER 70 KM. LONG TOGETHER WITH NECESSARY PUMPS,METERING, ELECTRICAL,INSTRUMENTS & CONTROL, CATHODIC PROTECTION,PIG TRAPS,VALVES, ...ETC. INCLUDING TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY	6	CONTRACT	TSc's to construct 16" crude oil pipeline from Beiji to Mosul to supply fuel for new power stations on the National Grid	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 17 OF 17****ESTABLISHMENT NAME : OIL PIPELINES COMPANY****LOCATION : NASSIRIYAH - BAGHDAD****PROJECT 12-11 : DEVELOPMENT PROJECT (COMPLETION OF
PHASE 2 DRY GAS PIPELINE)**

CODE	ITEM DESCRIPTION	QTY	UNIT	COMMENTS	1051 DETERMINATION
08-8-12-11-1365	INCLUDING :-	500	ITEM	Equipment requirements to complete existing dry gas pipeline for National Grid	Probably Not Notifiable Probably Not Notifiable Unable to Determine Unable to Determine Not Notifiable Unable to Determine Unable to Determine Unable to Determine
	- SCRAPERS LAUNCHING & RECEIVING TRAPS COMPLETE WITH				
	ALL COMPLEMENTARY SYSTEM & ACCESSORIES				
	- CATHODIC PROTECTION SYSTEMS (TEMPORARY & PERMANENT)				
	- CONSUMABLES				
	- EQUIPMENT & MACHINES TO IMPLEMENT THE WORK				
	- WELDING ELECTRODES				
	- PIPES & FITTINGS				
	- OTHER NECESSARY WORKS				
	- TECHNICAL ASSISTANCE / ENGINEERING CONSULTANCY				

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY
LOCATION : ALL AREAS
PROJECT 13-01 : MAINTENANCE & OPERATION
SHEET NO.: 1 OF 9

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-01-1375	SEMI TRAILER TANK CAP. 36000 LITER WITH RECOMMENDED SPARE PART	100	NOS.	Transportation required for product distribution	Unable to Determine
08-8-13-01-1376	TANK LORRY 6X4 CAP.18000 LITER FOR OIL PRODUCTS WITH P.D. METER AND P.T.O. PUMP FOR DISCHARGE WITH SPARE PART.	64	NOS.	Transportation required for product distribution	Unable to Determine
08-8-13-01-1377	TANK LORRY 6X4 CAP. 18000 LITER FOR OIL PRODUCTS WITH SPARE PARTS.	50	NOS.	Transportation required for product distribution	Unable to Determine
08-8-13-01-1378	FORK LIFT 5 TON (FLAME PROOF)	100	NOS.	Flame proof fork lift for terminals	Not Notifiable
08-8-13-01-1379	CLEANING TRUCK FOR FUEL STORAGE TANKS	5	NOS.	Vacuum truck	Unable to Determine
08-8-13-01-1380	DRUM SQUEEZER WITH SPARE PART	30	NOS.	For loading drums	Probably Not Notifiable
08-8-13-01-1381	MOBILE MAINTENANCE WORKSHOP - DOUBLE CABIN -VAN TYPE WITH SPARE PARTS	20	NOS.	Maintenance requirements	Unable to Determine
	DEPOTS AND PETROL FILLING STATIONS EQUIPMENT AND ACCESSORIES :-			Maintenance requirements	Unable to Determine
08-8-13-01-1382	ELECTRIC WELDING MACHINE	10	NOS.	Maintenance requirements	Unable to Determine
08-8-13-01-1383	DIESEL WELDING MACHINE	25	NOS.	Maintenance requirements	Unable to Determine
08-8-13-01-1384	TANK LEVEL MECHANICAL MEASURING & INDICATING DEVICE	10000	NOS.	Operational control equipment	Probably Not Notifiable
08-8-13-01-1385	WHEEL TRACTOR WITH POCKET BLADE & REAR TRENCH MAKING DEVICE	4	NOS.	Pipelaying equipment	Not Notifiable
08-8-13-01-1386	PIPES SIZE 1 1/2 - 10 INCH FITTING SIZE 1 1/2 - 10 INCH	50000 10000	MT. NOS.	Pipe lines and fittings As above	Unable to Determine

MINISTRY OF OIL**SHEET NO.: 2 OF 9****ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY****LOCATION : ALL AREAS****PROJECT 13-01 : MAINTENANCE & OPERATION**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-01-1387	HOSES OF VARIOUS SIZES & TYPES	8011	NOS.	Internal connection requirements	Unable to Determine
08-8-13-01-1388	ELECTRICAL CENTRIFUGAL PUMP CAP.(70M3) FOR LOADING AND OFF LOADING PETROLEUM PRODUCTS WITH SPARES	80	NOS.	Product movement	Unable to Determine
08-8-13-01-1389	ELECTRICAL GEAR TYPE REFUELING PUMP (25-30) M3 WITH SPARE PARTS.	50	NOS.	Product transfer	Unable to Determine
08-8-13-01-1390	POSITIVE DISPLACEMENT METERS VARIOUS SIZES (WITH SPARE PARTS)	112	NOS.	Metering requirements	Unable to Determine
08-8-13-01-1391	SPARE PARTS FOR METERS	50000	NOS.	Spare parts for above	Unable to Determine
08-8-13-01-1392	NOZZLES (3/4" -1.5") WITH SPARE PARTS	15000	NOS.	Petrol dispenser nozzles	Unable to Determine
08-8-13-01-1393	ELECTRICAL CABLES	150000	MT.	General repairs	Not Notifiable

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY
LOCATION : ALL AREAS
PROJECT 13-01 : MAINTENANCE & OPERATION
SHEET NO.: 3 OF 9

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-01-1394	SPARES FOR FUEL DISPENSERS & PUMPS	50000	NOS.	Spares for fuel pumps	Unable to Determine
08-8-13-01-1395	SPARE PARTS FOR LOADING ARMS	50000	NOS.	Spares for gantries	Unable to Determine
08-8-13-01-1396	FINGER GREASE FOR LUBRICATING VALVES (FOR PETROLEUM USE) (STICKS OF GREASE IN CAN)	2000	CAN	Maintenance requirements	Not Notifiable
08-8-13-01-1397	CORROSION PROTECTION TAPE OF 2",3",4",6" WIDTH	20078	ROLL	Maintenance requirements	Not Notifiable
08-8-13-01-1398	SEALING WIRES	1000	KG.	Sealing equipment for isolation of systems	Not Notifiable
	TOOLS FOR SEALING	200	NOS.	As above	Unable to Determine
	TAGS FOR SEALING	200000	NOS.	As above	Not Notifiable
08-8-13-01-1399	WELDING ELECTRODES	50	TON	Welding consumables	Not Notifiable
08-8-13-01-1400	BATTERY , ALKALINE VOLTAGE 1.2 V	1000	NOS.	Replacement cells for control rooms	Not Notifiable
08-8-13-01-1401	EQUIPMENT AND ACCESSORIES :-				Unable to Determine
	STEAM BOILER CAP. (5 - 7) TONS FOR CLEANING ROAD .	4	NOS.	Steaming equipment	
	TANKS STATIONARY ELECTRICAL AIR COMPRESSOR WITH SPARE PARTS TOOLS FOR MAINTENANCE	15 100000	NOS. NOS.	As above As above	

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY
LOCATION : ALL AREAS
PROJECT 13-01 : MAINTENANCE & OPERATION
SHEET NO.: 4 OF 9

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-01-1402	DIESEL ELECTRIC GENERATORS IN DEPOTS & FILLING STATIONS TO BE USED DURING POWER CUTS :-			Stand-by emergency power units	Unable to Determine
	- 50 KVA	20	NOS.	As above	
	- 75 KVA	25	NOS.	As above	
	- 100 KVA	15	NOS.	As above	
	- 250 KVA	6	NOS.	As above	
	- 500 KVA	2	NOS.	As above	
08-8-13-01-1403	ELECTRIC EQUIPMENT ACCESSORIES :-	1.5	TON	Maintenance requirements	Unable to Determine
	- WINDING WIRES FOR ELECTRIC MOTOR .	50000	NOS.	As above	
	- ELECTRICAL COMPONENTS (FITTINGS, CIRCUIT BREAKERS, CONTRACTORS...ETC)			As above	
08-8-13-01-1404	- WINDING WIRES EQUIPMENT	7	SET		Unable to Determine
	- COMMUNICATIONS RADIO RELAY LINKS (VHF FIXED ,MOBILE VHF)	50	SET	Communications equipment for 5 product depots	
	- TELEPHONE EXCHANGE 200 LINES , 4 LINES COMPLETE WITH ALL ACCESSORIES	5	SET	Communications equipment for 5 product depots	
	- TELEPHONE CABLES FOR COMMUNICATION & TELEPHONE SETS)	50000	MTR.	As above	
		250	SET	As above	
08-8-13-01-1405	STANDARD VOLUME FOR FIELD TEST AND CALIBRATION OF METERS (10 & 20 LITER)	200	NOS.	"Seraphim" standard traceable volume for calibration purposes	Probably Not Notifiable

MINISTRY OF OIL**SHEET NO.: 5 OF 9****ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY****LOCATION : ALL AREAS****PROJECT 13-02 : REHABILITATION / REVAMPING OF EXISTING
INSTALLATION**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-02-1410	ELECTRONIC WEIGH BRIDGE (80) TON /2 SCALE WITH SPARE PARTS	4	NOS.	Product control	Unable to Determine
08-8-13-02-1411	FUEL DISPENSERS - SINGLE HOSE AND DOUBLE HOSE WITH SPARE PARTS FOR REPLACEMENT OF USED ONE .	500	NOS.	Fuel loading requirements	Unable to Determine
08-8-13-02-1412	FUEL PUMPS - SINGLE & DOUBLE HOSE WITH SPARE PARTS	300	NOS.	Fuel loading requirements	Probably Not Notifiable
08-8-13-02-1413	LOADING ARM SIZE (3") AND(4") FOR OPEN SYSTEM WITH SPARE PARTS.	100	NOS.	Overhead gantry spares and equipment	Unable to Determine

MINISTRY OF OIL
ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY
LOCATION : ALL AREAS
PROJECT 13-03 : SUSTAINING & ENHANCING PRODUCTION
CAPABILITIES

SHEET NO.: 6 OF 9

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-03-1420	OIL PRODUCTS STORAGE TANKS WITH ALL ACCESSORIES:-			Storage tanks for products at Mosul and Kut	Unable to Determine
	- CAP. 5000 M3	4	NOS.		
	- CAP. 10000 M3	2	NOS.		

MINISTRY OF OIL**SHEET NO.: 7 OF 9****ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY****LOCATION : ALL AREAS****PROJECT 13-04 : SAFETY & ENVIRONMENTAL PROTECTION**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-04-1425	FIRE FIGHTING TRUCK WITH SPARE PARTS	18	NOS.	Fire fighting equipment	Unable to Determine
08-8-13-04-1426	FIRE FIGHTING PUMPS - DIESEL TYPE-MOBILE	8	NOS.	Fire fighting equipment	Unable to Determine
08-8-13-04-1427	FIRE FIGHTING PUMPS - ELECTRIC TYPE	15	NOS.	Fire fighting equipment	Unable to Determine
08-8-13-04-1428	FIRE FIGHTING PUMPS - DIESEL TYPE - SKID MOUNTED	20	NOS.	Fire fighting equipment	Unable to Determine
08-8-13-04-1429	SAFETY EQUIPMENT (SAFETY SHOES ,SUITS , GLOVES, FIRE BLANKET ,SAFETY HELMETS AND FILTER MASK ...ETC.)	100000	NOS.	Safety items	Unable to Determine
08-8-13-04-1430	FIRE RIGHTING EQUIPMENT, FIRE HOSES, NOZZLES, FIRE EXTINGUISHERS	100000	NOS.	Fire fighting equipment	Unable to Determine
08-8-13-04-1431	FOAM	75000	LIT.	Consumables	Not Notifiable
08-8-13-04-1432	DRY POWDER	30	TON	Consumables	Not Notifiable

MINISTRY OF OIL**SHEET NO.: 8 OF 9****ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY****LOCATION : ALL AREAS****PROJECT 13-05 : SERVICE AND PLANT EQUIPMENT**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-05-1440	SPARE PARTS FOR VARIOUS TYPES OF TRUCK TRACTORS AND FORKLIFTS	109,054	NOS.	Plant equipment spares	Unable to Determine
08-8-13-05-1441	TYRES 1200R 20X18 (RADIAL) WITH TUBE AND FLAP .	8000	NOS.	Vehicle tyres	Not Notifiable
08-8-13-05-1442	MOBILE BOX TRUCK (CASH IN TRANSIT-CAR BOX)	1	NOS.	Cash transportation vehicle	Probably Not Notifiable
08-8-13-05-1443	SPARE PARTS FOR LIGHT TRUCKS	40000	NOS.	Spare parts	Unable to Determine
08-8-13-05-1444	AIR CONDITIONING UNITS - WINDOW TYPE / 24000 BTU	100	NOS.	Environmental control	Probably Not Notifiable
08-8-13-05-1445	SPLIT TYPE AIR CONDITIONING UNITS	20	NOS.	Environmental control	Probably Not Notifiable
08-8-13-05-1446	AIR CONDITIONS COMPRESSORS (2.5/2, 1.5/ 1.25, 1/6, 1/8) TON 220V	500	NOS.	Environmental control	Probably Not Notifiable
08-8-13-05-1447	WATER COOLER (10/20)LITERS	50	NOS.	Environmental control	Not Notifiable
08-8-13-05-1448	CARGO CRANE (3) TON - DOUBLE CABIN WITH SPARE PART .	10	NOS.	For repair work	Probably Not Notifiable
08-8-13-05-1449	STREET LIGHTING CHANGING & LIFTING TRUCK WITH CRANE (CAP. 2.5 TON) DOUBLE CABIN WITH SPARE PARTS.	10	NOS.	Truck for repairing street lighting	Probably Not Notifiable
08-8-13-05-1450	LATHE MACHINE FOR WORKSHOP	4	NOS.	Workshop requirement	Unable to Determine
08-8-13-05-1451	LATHE MACHINE GRINDER FOR WORKSHOPS	2	NOS.	Workshop requirement	Unable to Determine
08-8-13-05-1452	LINE BEARING MACHINE FOR WORKSHOPS	2	NOS.	Workshop requirement	Unable to Determine
08-8-13-05-1453	WHEEL JACK 20 TON FOR WORKSHOPS	20	NOS.	Workshop requirement	Probably Not Notifiable

MINISTRY OF OIL**SHEET NO.: 9 OF 9****ESTABLISHMENT NAME : OIL PRODUCTS DISTRIBUTION COMPANY****LOCATION : ALL AREAS****PROJECT 13-06 : TESTING , INSPECTION , STUDIES , SURVEYS &
LABORATORIES**

CODE	ITEM DESCRIPTION	QTY.	UNIT	COMMENTS	1051 DETERMINATION
08-8-13-06-1460	STANDARD VOLUME CALIBRATION DEVICES (5000)LITER , FACTORY MOUNTED ON TRAILER	6	NOS.	Primary standard for tank calibration	Probably Not Notifiable
08-8-13-06-1461	LABORATORY TESTING EQUIPMENT WITH ACCESSORIES AND SPARE PARTS	4000	NOS.	Quality control requirements	Unable to Determine
08-8-13-06-1462	INSPECTION TESTING EQUIPMENT	100	NOS.	NDT equipment	Unable to Determine
08-8-13-06-1463	CONTRACT FOR THIRD PARTY INSPECTION OF CONTRACTED GOODS TO ENSURE COMPLIANCE TO SPECIFICATIONS AT THE SUPPLIER'S WORKS ABROAD	2	CONTRACT	Contracts to enable inspection of spares and equipment prior to shipment to Iraq (PSI)	Unable to Determine

NOTE: The Phase VIII Oil spares distribution plan has been approved by the Secretary-General, and reviewed by the Security Council Committee established by resolution 661 (1990). Pursuant to paragraph 18 of resolution 1284 (1999) and paragraph 9 of resolution 1302 (2000) the Security Council Committee has determined those Sector Item Codes for which applications are to be circulated to the Committee. These Sector Item Codes are shaded in blue. Applications related to the remaining Sector Item Codes, i.e. those that are not shaded, can be approved by the Group of Experts, provided they do not contain items that are on the "1051 list".