UNICEF WATER & SANITATION PHASE XII Subproject 1: Urban Environmental Sanitation

4- Waste Management (Liquid and Solid)

	4- waste Management (Liquid and Solid)		
Code	Description		
03-06-00001	Dumper with half cubic meter bucket, 15hp, with two years		
	spare parts.		
03-06-00002	Tractor and trailer C/W, 2 years spare parts, operators,		
02.06.00002	maintenance & parts manuals in English		
03-06-00003	Garbage collector truck, capacity 11 cum, 4 ton, type		
	forward control with left hand drive, wheel base 4300mm, 6 cyl. in line 4-stroke, liquid cooled direct injection diesel		
	engine with exhaust driven turbocharger and intercooler,		
	color-white, including garbage collector body with export		
	specifications for Iraq with manufacturer recommended first		
	service and fast moving spare parts kit, with manual in		
	English, spare parts catalogue and spare parts for two years		
	operation.		
02.04.0004			
03-06-00004	Same as above but Capacity 2.5 MTN, 6 CUM.		
03-00-00005	Spare parts for mechanical damper, AUSA model 108 DH with Hatz engine 1 D8 1 z with the following specification:-		
	engine 14 BHP at 2900 rpm, lifting capacity: up to 1000 kgs		
	- gears: 4 forward and 4 reverse- brakes: hydraulic- rear tyers		
	: 135 R 12, front tyers : 6.00- 16- max.speed : 21 km/h-		
	steering: mechanical - hopper capacity: 0.5 CM. heaped -		
	accidental tipping protection: mechanical blocking system for		
	the hopper lever: piston set		
03-06-00006	Same as above but: Piston ring set.		
03-06-00007	Same as above but: washer set		
03-06-00008	Same as above but: back tyres		
03-06-00009 03-06-00010	Same as above but: front tyres Same as above but: connecting road bearing		
03-06-00010	Same as above but: connecting road ocaring Same as above but: main crank shaft bearing		
03-06-00012	Same as above but: cylinder head		
03-06-00013	Same as above but: fuel pump		
03-06-00014	Same as above but: nozzle		
03-06-00015	Same as above but: oil pump		
03-06-00016	Same as above but: starter motor		
03-06-00017	Caterpillar grader type 120 H, with spare parts for two years		
02.06.00019	operation Tip truck with dumper storage plan, Capacity 12 MT with		
03-06-00018	spare parts for two years operation.		
03-06-00019	Wheel loader model: general purpose bucket with straight		
	edge teeth engine: diesel engine flywheel horse power:		
	gross 185 hp at 2200 rpm - tyre: 20.5-22-16 pr (13) tubeless		
	tyres		
03-06-00020	CESSPIT EMPTIER, TRUCK CAPACITY 9 cum, type,		
	forward control with left hand drive, wheel base 4700mm, 6		
	cyl. in line 4-stroke, liquid cooled direct injection diesel		
	engine with exhaust driven turbocharger and intercooler,		
	color-white, including Cesspit Emptier body with export		
	specifications for Iraq with Manufacturer recommended first service and fast moving spare parts kit, with manual in		
	English and spare parts catalogue.		
	2g und spare paras caunogue.		
03-06-00021	Tyre with internal tube, size 1200x20 for tip trucks, type		
02.07.00022	Scania.		
03-06-00022	Tyre with internal tube, size 1200x24 for tip trucks, type		
03-06-00023	Scania/ Volvo. Tyre with internal tube, size 1300x24 for grader, type		
05-00-00025	caterpillar.		
03-06-00024	Tyre with internal tube, size 1400x24 for grader.		
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Subproject 1: Urban Environmental Sanitation 4- Waste Management (Liquid and Solid)

	4- waste Management (Liquid and Sond)		
Code	Description		
03-06-00025	Tyre with internal tube, size 17.5x25 for shovel, type Kawasaki		
03-06-00026	Tyre with internal tube, size 20.5x25 for caterpillar Shovel.		
03-06-00027	Tyre with internal tube, size 16x205 for Light vehicles		
03-06-00028	Tyre with internal tube, size 16.9/14 x 28 for Anter tractor		
03-06-00029	Batteries, size 12x19x135 ampere for shovel and Bulldozer.		
03-06-00030	Batteries, size 12x11x170 ampere for pick-up and Land Cruiser		
03-06-00031	Mobile workshop, for maintaining and repairing sanitation vehicles, complete with repairing tools and spare parts for two years operation		
03-06-00032	Diesel operated air compressor type (AIR MAN rotary PDR-370 ser.no. 13-8201), complete set with spare parts for two years operation.		
03-06-00033	Centrifugal Compressor Sewer Cleaner type Vactor 2100 Series.Design: Exclusive Vactor Model- Flex(R), Vacuum power: Dual centrifugal compressor, Power source: 6 cyl.aux.engine, pickup hose 203mm diameter, debris body capacity: up to 12 M3, water tank capacity 5678 L, water pump: Vactor jet Rodder, 100 GPM at 2500 PSI, Pump operating speed: 13 cycles per minute. Mounted on a suitable vehicle truck		
03-06-00034	Vehicle Fuel injection pump tester (bench), made including 12 injector pipes.		
03-06-00035	Lathe machine 1.5M long, driven by 3 phase electrical motor 400V, 50HZ		
03-06-00036	Hydraulic press 150MTN		
03-06-00037	Vertical drilling machine medium size, driven by electrical motor 400 V, 50 HZ		
03-06-00038	Water pump for Scania garbage collector truck type 94G, 18CUM, 12MTN, complete.Part No. 1314406		
03-06-00039	Injection pump for Scania truck type 94G.Part No. 348987		
03-06-00040	Turbo charger for Scania truck type 94G.Part No. 1322999		
03-06-00041	Electronically control for Garbage body of CALABRESE for Scania garbage collector, type 94G, part no. P/N 7380470-24VDC.		
03-06-00042	spare parts for Caterpillar Grader Model 120H: Piston part No. 107-7563		
03-06-00043	Ring Piston(Top)Part No. 107-7787		
03-06-00044	Ring piston (Intermediate) Part No. 7E-5786		
03-06-00045	Ring Piston (Oil) part No. 7C-5232		
03-06-00046	Connecting rod bearing Part No. 7W- 9415		
03-06-00047	Crank shaft bearing Part No. 107-7708		
03-06-00048	Crank Shaft Assy Part No. 1051- 1725		
03-06-00049	Cylinder Head Gasket Part No.107-7832		
03-06-00050	Cylinder Head Assy part No.119-3065		
03-06-00051	Cam shaft Part No. 134-5276		
03-06-00052	Thrust Washer 107-7602		
03-06-00053	Starter Motor 111-4275		
03-06-00054	Air compressor 1046-6046		
03-06-00055	Cylinder Head cover 119-2960		
03-06-00056	Cylinder Block 100-4948 Turbo charger 115-5853	+	
03-06-00057 03-06-00058	Water pump Part No. 7E-7398		
03-06-00059	Oil Pump 119-2924		
03-06-00060	Oil Filter 2P-2717		
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Subproject 1: Urban Environmental Sanitation 4- Waste Management (Liquid and Solid)

	4- Waste Management (Liquid and Solid)	1	
Code	Description		
03-06-00061	Radiator 7C-2099		
03-06-00062	Fuel Filter 1R-0751		
03-06-00063	Air filter primary 6I-2499		
03-06-00064	Air Filter secondary 6I-2500		
03-06-00065	injector Part No. 107-7733		
03-06-00066	Control Gp-system electronic. Part No. 149-6082.		
03-06-00067	Gp-Planetary Part No. 9w- 5128		
03-06-00068	Alternator 6N-9294		
03-06-00069	Transmission 149-6082		
03-06-00070	Spare parts for Scania Garbage collector P94GB, piston part		
	No.1332749		
03-06-00071	Ring piston (Top) 371993		
03-06-00072	Ring set (Medium) 22995		
03-06-00073	Ring set (bottom) 245486		
03-06-00074	Connecting rod bearing Part No. 346879		
03-06-00075	Crank shaft bearing STD 279609		
03-06-00076	Crank shaft Assy Part No.357780		
03-06-00077	Cylinder Head Assy part No.1321236	 	
03-06-00077	Washer thrust Part No. 255573	 	
03-06-00079	Starter Motor Part No. 349575	 	
03-06-00080	Alternator Part No. 1377400	 	
03-06-00081	Turbo charger 1395244		
03-06-00082	Cylinder Block Part No. 350859	 	
03-06-00082	Clutch release bearing 1407430		
03-06-00084	Clutch friction disc Part No. 1335282		
03-06-00085	Clutch rection disc Part No. 1335282 Clutch cover Part No. 1335281		
03-06-00086	Spare Parts for valmet Valtra Tractor 700, chassis No.		
03-00-0000	K47507, Engine No. K17457,: Air compressor Part No. 29-		
	01/46		
03-06-00087	Same as item above but: Crank shaft part No. 21-15/1		
03-00-00087	Same as item above but. Clank shart part No. 21-13/1		
03-06-00088	Same as item above but: Piston Part No. 21-15/3		
03-06-00089	Same as item above but: Piston Part No. 21-15/6		
03-06-00099	Same as item above but: Ring set Fait 180, 21-15/0		
03-00-00090	Same as item above but. Big end bearing Fait No. 21-13/11		
03-06-00091	Same as item above but: Main bearing Part No.21-15/12		
00 00 00071			
03-06-00092	Same as item above but: Thrust Washer Part No. 21-15/13		
05-00-00072	Sume as item above out. Thrust washer rait 100. 21 13/13		
03-06-00093	Same as item above but: Connecting rod Part No. 21-15/7	 	
05-00-000/5	Same as from above out. Connecting four att No. 21-13//		
03-06-00094	Same as item above but: Inlet Valve Part No. 21-11/18	 	
00 00 0007T	and an item above out. Hilet valve i alt 140. 21-11/10		
03-06-00095	Same as item above but: Exhaust valve No. 21-11/19	 	
03-06-00096	Same as item above but: Cylinder Liner Part No. 21-01/8	 	
00 00 00000	2 101/0		
03-06-00097	Same as item above but: Cylinder Block Part No. 21-01/1		
00 00-00077	35 Non acceptation Prock Late 110. 21 01/1		
03-06-00098	Same as item above but: Liner Gasket Part No. 21-01/9	 	
00 00 000	Same as from accret out. Emer Gusket I dit 110. 21-01/9		
03-06-00099	Same as item above but: Liner Gasket Part No. 21-01/10		
00 00 000	Same as from accret out. Emer Gusket I dit 110. 21-01/10		
03-06-00100	Same as item above but: Cylinder head part No. 21-7/1	 	
05 00-00100	Same as item assis out. Cymider nead part ivo. 21-7/1		
03-06-00101	Same as item above but: Cylinder head gasket Part No. 21-	 	
03-00-00101	07/5		
03-06-00102	Same as item above but: Oil Pump case Part No. 21-21/11	 	
03-00-00102	Same as non above out. On rump case rait ino. 21-21/11		
03-06-00103	Same as item above but: Oil pump gear Part No. 21-21/14	 	
03-00-00103	Same as nem above but. On pump gear rait No. 21-21/14		
03-06-00104	Same as item above but:Oil pump gear Part No. 21-21/16	 	
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Subproject 1: Urban Environmental Sanitation 4- Waste Management (Liquid and Solid)

	1 Waste Wanagement (Elquid and Solid	/
Code	Description	
03-06-00105	Same as item above but: Oil Pump cover Part No. 21-21/18	
03-06-00106	Same as item above but: Turbo charger Part No. 21-29/1	
03-06-00107	Same as item above but: Injection Pump Part No. 22-13/1	
03-06-00108	Same as item above but:Injector Part No. 22-13/18	
03-06-00109	Same as item above but:Nozzle Part No. 22-13/19	
03-06-00110	Same as item above but: Radiator part No. 23-01/1	
03-06-00111	Same as item above but: Air compressor Part No. 29-01/46	
03-06-00112	Spare parts for Valtra Valmet Tractors: Front tyre size 12.4R24 with inner tube	
03-06-00113	Same as item above but: Rear tyre size 16.9R30 with inner tube	
03-06-00114	Same as item above but: Trailer tyre size 400/60-15.5 with inner tube	
03-06-00115	Spare parts for Excavator type POCLAIN 788, : Gland bearing STD part No. A77405	
03-06-00116	Cylinder liner Part No. J904166	
03-06-00117	Pistons Part No. A77730	
03-06-00118	Ring set part No. A77729	
03-06-00119	Big end bearing Part No. STD A77465	
03-06-00120	Main bearing Part No STD A77896	
03-06-00121	Crank Shaft Part No. J918323	
03-06-00122	Turbo charger Part No. J802798	
03-06-00123	Gasket cylinder head Part No. J283338	