

## UNICEF - WATER & SANITATION - PHASE VII

### 1.4 Strengthening of Sanitation fleet

Code	Description	Qty.	Unit
03-05-00001	Dumper with half cubic meter bucket, 15hp, with two years spare parts.	7	Each
03-05-00002	Tractor and trailer C/W, 2 years spare parts, operators, maintenance & parts manuals in English	15	Each
03-05-00003	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, colour-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	2	Each
03-05-00004	Same as Item No.3 but Capacity 2.5 MTN, 6 CUM	24	Each
03-05-00005	Spare parts (Complete set)for two years operation for Tractor type: valtra Valmet 700, 4*4, 320 DS diesel engine, 3 cylinders, turbocharger, Water cooled, engine power 70 hp din/2200 rpm:	4	set
03-05-00006	Same as item 5 but: back [large] tyres, size 16.9 R 30	44	Each
03-05-00007	Same as item 5 but: Front tyres, size 12.4R 24	44	Each
03-05-00008	Same as item 5 but: Tyres for wickman, 5 ton trailer, size 400/60-15.5	50	Each
03-05-00009	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 tyres : 135 R 12, front tyres : 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: nozzle assembly	5	set
03-05-00010	Same as item 9 but: piston set	6	Each
03-05-00011	Same as item 9 but: Piston ring set.	6	Each
03-05-00012	Same as item 9 but: washer set	6	Each
03-05-00013	Same as item 9 but: back tires	24	Each
03-05-00014	Same as item 9 but: front tires	24	Each
03-05-00015	Grader complete, with spare parts for two years operation	2	Each
03-05-00016	Tipper truck with damper storage plan with spare parts for two years operation.	5	Each
03-05-00017	Wheel loader, general purpose bucket with straight edge teeth engine: diesel engine flywheel horse power: : gross 185 hp at 2200 rpm - tyer: 20.5-22-16 pr (13) tubeless tyers - sun canopy, with out steel cabin/rops canopy nor air conditioner with manufacturer recommended spare parts for two years operation	5	Each
03-05-00018	Tyre with internal tube, size 1100x20 for water tankers and trucks.	70	Each
03-05-00019	Tyre with internal tube, size 1200x20 for tip trucks.	18	Each

Code	Description	Qty.	Unit
03-05-00020	Tyre with internal tube, size 1200x24 for tip trucks	86	Each
03-05-00021	Tyre with internal tube, size 1400x24 for grader.	24	Each
03-05-00022	Tyre with internal tube, size 16x750 for Tractor.	60	Each
03-05-00023	Tyre with internal tube, size 900x20 for faun road cleaner.	80	Each
03-05-00024	Tyre with internal tube, size 6x9 for fork lift, Capacity 3T	4	Each
03-05-00025	Batteries, size 12x19x90 amp-hour for tractor and Compressor.	20	Each
03-05-00026	Batteries, size 12x11x60 amp-hour for pick-up and cross country vehicles	20	Each
03-05-00027	Air compressor, with automatic start and stop and unloading valve to permit starting without back pressure in the cylinders. 380V 3 phase supply. With 4 spare filters and F-R-L combination Min. displacement 600litres/min Free air discharge at 6 bar 500litres/min Max. working pressure 10 bar Motor rating 4kW Air receiver volume 200 liter With: PVC hose 2x1m with quick couplings Air pump nozzle with pressure gauge 0-10 bar Air gun for cleaning Air impact tool, hammering screwdriver 1/2" socket, 8000rpm Air filing grinder with 3, 6mm collets, shank dia 6mm, 25000 rpm speed air drilling machine, chuck capacity 13mm.	2	Each
03-05-00028	Welding rectifier, 3 phase 380V, max power requirement 15.4 kVA. Adjustment range 30-250A With: Set of cables 2x10m, 35mm <sup>2</sup> core	2	Each
03-05-00029	Water Tanker, Capacity 12,000 Liters, Complete with all accessories with Water pump and spare parts for two years operation	2	Each
03-05-00030	Diesel generator complete set with control panel board consisting of automatic main failure switch, change-over switch, voltmeter, ammeter, hour meter, phase selector switch, frequency meter, starting key, high temperature warning, low oil pressure warning, low fuel warning and with 12 V electric starting system with battery, battery charger and voltage regulator, and with fresh water loop cooling system, heavy duty air filter, cartridge oil and fuel filter, speed governor, silencer, exhaust flexible piping and with fuel tank to run 8 hours continuously and suitable for continuous operation. Maximum output power 500 KVA, 400V, 3Ph and 50Hz. 50 deg C max; and 1,200 m max alt. The engine and alternator coupled by elastic joint and mounted on a common bed-frame with anti-vibration mountings and lifting eyes with complete tool-kit set. Supplies with O&M manual and spare parts catalogue in English. With spare parts for 3000 hrs normal operation. Packed in wooden case suitable for sea and land transportation.	1	Each
03-05-00031	Same as item 30 but 30 KVA	2	Each

<b>Code</b>	<b>Description</b>	<b>Qty.</b>	<b>Unit</b>
03-05-00032	Excavator, wheel type, with jack hammer and (40, 60, 80, 100)cm width, 0.2 cum excavating bucket	2	Each
03-05-00033	Buldozer, with spare parts for two years operation	1	Each
03-05-00034	Truck six wheel, with Spare parts for five years operation	2	Each
03-05-00035	Fork lift 3 ton, with spare parts for five years operation	2	Each
03-05-00036	Spare parts ( complete set) for two years operation for Scania Garbage collector	1	set
03-05-00037	Spare parts ( complete set) for two years operation for Scania Sewage Tanker	1	set
03-05-00038	Spare parts (complete set) for two years operation for Shovel Kawasaki,	1	set
03-05-00039	Spare parts for two years operation for Cater pillar Grader, complete set	1	set