

UNICEF - WATER & SANITATION - PHASE VII

2.2 Training and Capacity Building:

Code	Description	Qty	Unit
03-08-00001	Bulldozer with 2 years spare parts, Operation and maintenance Manual in English and Arabic if possible.	2	Each
03-08-00002	Excavator, with jack hammer and (60, 80, & 100)cm width of excavating bucket, with 2 years spare parts, Operation and maintenance Manual in English and Arabic if possible.	1	Each
03-08-00003	Service truck N 1 chassis cabin water cooled diesel engine turbocharged, with 6 forward speeds plus 1 reverse-n. 7 tyres 11 R 22,5 on disc rims -G>V>W 13,5 tons , fitted with rear cab crane with 8.5 tons lifting capacity and fixed body.	3	Each
03-08-00004	A.V.O. Clampmeter, BT 1102-5K, 1200K, 600V-AC, 50 Hz	9	Each
03-08-00005	Community maintenance tool kit consisting of the following: 1. Lubricating oil can, 200 ml capacity 2. Flat spanner set with open end one side and box type on other end of same size (10, 12, 14, 17, 19 and 22 mm) 3. Adjustable wrench, 200 mm length 4. Pipe wrench, 460 mm length 5. Pipe wrench, 600 mm length 6. Screw driver, 300 mm length 7. Grease gun, 0.6 litter capacity (A1205016)	100	Each
03-08-00006	Engineering drawing board including all accessories,(unit is set).	4	Each
03-08-00007	Floating Chlorinator,	1300	SET
03-08-00008	Insulation tester (Megger), sensitivity up to 20Mohm, 5kV	9	Each
03-08-00009	Mobile workshop Truck complete with tools and equipment, diesel engine complete with all accessories, manuals, and spare parts kit	1	Each
03-08-00010	Slow dissolving chlorine tablet, in packs of 5 Kg or 4 Kg, (unit is Kg).	8600	Each
03-08-00011	Vehicle, 4 WD, Long wheel base, 5-door, petrol engine, SW complete with all accessories and detachments, manuals, and spare parts kit.	5	Each
03-08-00012	PICKUP Double cabin, 4 WD, 4-door, long wheel base petrol engine, complete with all accessories, manuals and spare parts kit.	14	Each
03-08-00013	2.5 ton pick-up truck style body. supplied complete with 2 sets of manufacturers recommended spare parts kit. operation, service & parts manuals in English	1	Each
03-08-00014	UPS, 250 VA, 220/240 V,	19	Each
03-08-00015	Vehicle Station Wagon 4WD , 7 seater, diesel engine, complete with all accessories, manuals and detachments and spare parts kit.	6	Each

Code	Description	Qty	Unit
03-08-00016	Water Tanker Truck, Safety Cab, with Full Floating Cab Suspension, Safety Glass, Diesel, with turbocharger, liquid cooling, tank with a manhole hatch with an air breather- Pump: Centrifugal Pump, 500l/min at 30m head, spare parts for two years operation, with O & M and spare parts manuals in English.	7	Each
03-08-00017	Paper for photocopiers and printers, size A4/210 x 297 mm, 80g	550	ream
03-08-00018	H2S strips for testing bacteriological contamination of water (small bottles)-	5700	Each
03-08-00019	Toner for photocopier machine, colour black.	30	Each
03-08-00020	Colour LASER printer	1	Each
03-08-00021	Laser printer, A3 & A4. complete with all accessories, upgrades and extra toner cartridges	7	set
03-08-00022	Desk-top computer. Pentium complete with all accessories, detachments .	15	Each
03-08-00023	Photocopier, heavy duty with extra Toner cartridges, complete with all detachments, extra copy drum tonners and spare parts kit	8	Each
03-08-00024	Voltage regulator for photocopie r 8 Amp, 220-240 V,	19	Each
03-08-00025	Computer laptop Pentium complete with all accessories, manuals and software	8	Each
03-08-00026	Laser printer, with extra toner cartridges,	5	set
03-08-00027	Electronic Theodolite with stand and other accessories,	5	SET
03-08-00028	Heavy Duty Tipper Truck(tail gate type) : All Steel Welded Construction, Safety Glass Applied. Maximum Payload: 20,000Kgs ./13.2 Cubic meters Engine; 6Cylinder Diesel In-line,overheadValve,Watercooled, Direct Injection Type. Tyres:1200-24- 18PR, with spare for O & M, Fuel Tank:300liters	5	Each
03-08-00029	Heavy Duty Tipper Truck:(tail gate type) Cab-All Steel Welded Construction, Safety Glass Applied. Maximum Payload :20,000Kgs./13.2Cubic meters, Engine; 6Cylinder Diesel In line,over head Valve ,Watercooled,Direct Injection Type. Tyres:1200-24- 18PR, with spare for O & M, Fuel Tank:300liters	4	Each
03-08-00030	Wheel loader, general purpose bucket with straight edge &teeth, -diesel engine - Flywheel horsepower gross 185HP at 2,200 RPM - Tyre: 20.5-22 16 PR (L3) tubeless tyres- Sun canopy without steel Cabin/ ROPS Canopy nor air Conditioner	1	Each
03-08-00031	Crawler pay loader, with spare parts for 2 years operation and spares/service/operation manual (English), .	1	SET
03-08-00032	Builder's Level Automatic Level ,NI50 with 400 degree/701135.9800.000S 33 tripod with screw/707234.0000.000 L41 Leveling rod/707626.0000.000 Supplied in carrying case, with operation instructions and necessary accessories,	4	SET
03-08-00033	Motograder powered by Diesel Engine with rated flyweel power of 104Kw/140hp:Blade width- 3658mm. Operating Weight 12,455 Kg.	1	Each

Code	Description	Qty	Unit
03-08-00034	Spare parts for Item 33	1	Each
03-08-00035	Concrete block manufacturing plant, containing machine block 12No. (20x20x40cm) mould type, special dumper equipped with hopper for transporting concrete, concrete mixing plant with two silos 60 ton capacity, special forklift for transporting concrete blocks, 200 KVA generator, with additional moulds 10x10x40cm and 30x30x40cm.	2	set
03-08-00036	KOMATSUE Buldozer D65 with 2 years spare parts and operation Operation and maintenance Manual in English and Arabic if possible.	2	Each
03-08-00037	Excavator, type 75 P Poclairn, with jack hammer and (60, 80, & 100)cm width of excavating bucket, France or present equivalent, with 2 years spare parts and operation Operation and maintenance Manual in English and Arabic if possible.	1	Each
03-08-00038	UNICEF Commodity Code: 444144 Service truck N 1 chassis cabin IVECO- EUROCARGO Model ML13E18 WR 4X4-LDH - WHB 3690 mm, water cooled diesel engine turbocharged of 177 HP DIN at 2700 RPM, MAX toruqe 57 Kgm at 1400 RPM, Gearbox IVECO type 2865.6 with 6 forward speeds plus 1 reverse-n. 7 tyres 11 R 22,5 on disc rims - G>V>W 13,5 tons , fitted with rear cab crane with 8.5 tons lifting capacity and fixed body. REF: CCX 984284	3	
03-08-00039	A.V.O. Clampmeter, NATIONAL, BT 1102-5K, 1200K, 600V-AC, 50 Hz	9	Each
03-08-00040	Commodity code 482820 Measuring wheel up to 10000 m, resettable counter and walking stick type (A0101005)	0	Set
03-08-00041	Community maintenance tool kit consisting of the following: 1. Lubricating oil can, 200 ml capacity 2. Flat spanner set with open end one side and box type on other end of same size (10, 12, 14, 17, 19 and 22 mm) 3. Adjustable wrench, 200 mm length 4. Pipe wrench, 460 mm length 5. Pipe wrench, 600 mm length 6. Screw driver, 300 mm length 7. Grease gun, 0.6 litre capacity (A1205016) To be set packed in a cartoon box.	100	Set
03-08-00042	Concrete mixer, size 1/4 yard ³ , diesel driven engine Lister or Elba Type	2	Set
03-08-00043	Concrete mixer, size 1/8 yard ³ , diesel driven engine Lister or Elba Type	2	Set
03-08-00044	Crawler trencher for excavating trenches, diesel driven machine with: spare parts for 2 years operation :- operation and maintenance manual(s), in English and (if available) in Arabic - toolkit packed in strong wooden crate.	2	Set
03-08-00045	Desk-top computer: HP Vectra VE P11/333, 333MHz Intel pentium II, 3.2 Gb Hard Disk, 32Mb RAM, 3.5" diskette, 16 BIT audio card, 32X CD ROM, external speakers, preloaded with English + Arabic Win95 and MS Office 7.0	0	Set

Code	Description	Qty	Unit
03-08-00046	Engineering drawing board including all accessories	4	Set
03-08-00047	Floating Chlorinator	1300	Set
03-08-00048	Kyoritsu insulation tester (Megger), sensitivity upto 20Mohm, 5kV	9	Each
03-08-00049	Mobile workshop operation and maintenance manual(s), in English and (if available) in Arabic - toolkit packed in strong wooden crate.	2	Set
03-08-00050	Optical theodolite suitable for working with ELDI 4 (Electro Optical Distance meter), UNICEF Commodity Code No. 482131, Ref. CCX 982628, manufactured by F.W. Breithaupt & Sohn, GmbH & CO. KG.P.O. Box 100569 D-3500 Kassel, Germany, Phone No.0561-772042, Telex No. 992258, Fax No. 0561-772049	0	Set
03-08-00051	Slow dissolving chlorine tablet, in packs of 5 Kg or 4 Kg.	8600	Kg
03-08-00052	TOYOTA LAND CRUISER, 4 WD, Long wheel base, 5-door, STD 4500 cc petrol engine, 8 seater, 5-speed floor shift, colour-white, left hand drive incl. air conditioner, power steering, fire extinguisher, FR/RR mud guards with export specifications for Iraq. With manufacturer recommended first service and fast moving spare parts kit, with manual in English and spare parts catalogue.	10	Each
03-08-00053	TOYOTA PICKUP Double cabin, 4 WD, long wheel base 2700 cc petrol engine, 5-speed floor shift, colour-white, left hand drive incl. air conditioner, power steering, fire extinguisher, FR/RR mud guards with export specifications for Iraq. With manufacturer recommended first service and fast moving spare parts kit, with manual in English and spare parts catalogue	12	Each
03-08-00054	Toyota Dyna 2.5 ton, with pick-up style body. supplied complete with manufacturers recommended service and spare parts for two years operation, and operation, service & parts manuals in English REF CJX 980562 item 5	3	
03-08-00055	Tractor with trailer Massay Ferguson Type operation and maintenance manual(s), in English and (if available) in Arabic - toolkit packed in strong wooden crate.	2	Each
03-08-00056	UNICEF Commodity Code: 459100 UPS, 250 VA, 220/240 V, Model SU1400 INET	21	Each
03-08-00057	UNICEF Commodity Code : KOMATSU Motorgrader GD37	0	Each
03-08-00058	UNICEF Commodity Code No. 491400 TOYOTA LAND CRUISER 4 WD Hard Top, Long wheel base,4,500cc petrol engine,13 seater,LHD, Model Code: FZJ75LV-MRU, Colour-white, with standard UN and export specification for Iraq including air conditioner, AM/FM Radio 2 speakers, power steering, fire extinguisher, FR/RR mud guards with export specifications for Iraq. With manufacturer recommended first service and fast moving spare parts kit, with manual in English and spare parts catalogue.	0	Each

Code	Description	Qty	Unit
03-08-00059	UNICEF Commodity Code No. 491400 Nissan Patrol Station Wagon 4WD GL, 7 seater, 5-speed floor shift, LHD, 4200cc diesel engine, white colour, Model Code:TVTSLEFY 61 NRA, complete with standard UN and export specifications for Iraq, including rear seat belts,with air conditioner, fire extinguisher, front grill guard, rear window wiper, Jeery can 20 liter, with holder, parts catalogue, rear pintle hook, roof rack, service manual in English, spare parts kit(Diesel) Ref.: CJX 980544	10	Each
03-08-00060	UNICEF Commodity Code No. 491792 Hino Water Tank Truck Model Code: FF3HJSA LHD Specification No. TL- FF013, 4x2 Forward Control Body No. SS-LH4989 All Steel Bonnet Type Safety Cab, with Full Floating Cab Suspension, Safety Glass, Colour- White- Engine: Hino H07 D, Diesel, Vertical, 6 cylinder in line, overhead valve, water-cooled, direct injection type. Maximum output: 141kW/ (190 HP) at 2900 rpm- Transmission: 6-speed, direct drive, synchmesh 2nd- 6th- clutch: Dry, Single Plate with Damper Spring, Hydraulic control- steering: Circulating Ball- Wheel & Tire: 8 stud Disk Weels (JIS Type), 9.00-20-14 Pr- Fuel Tank: 115 L. - Tank Volume: 8,578 Liters- Thickness of shell, end late and buffer plate: 3.2 mm- Tank construction: Ellipse Sectional cylindrical tank with one component. Tank with a manhole hatch with an air breather- Pump: Centrifugal Pump, 600l/min at 2500 rpm. Accessories: Suction and delivery hose 63.5 mmx3m. 2 each hose packing (spare), 4 each strainer for hose and hose wr	20	Each
03-08-00061	UNICEF Commodity Code: 4325608 Paper for photocopiers and printers, size A4/210 x 297 mm	550	Ream
03-08-00062	UNICEF Commodity Code: 439470 H2S strips for testing bacteriologic al contamination of water (small bottles)- manufactured in India.	5500	Pcs
03-08-00063	UNICEF Commodity Code: 451324 Photocopier, NP 6050 CANON NP 6062 with 10 Toner cartridges, 20 Bin Staple Sorter, Staples, Copy Drum, Spares for two years operations and English manual for Parts/Service/operation	0	Set
03-08-00064	Toner for photocopier Canon,Code F41-8001-000 for NP 4050/4080 colour black.	30	Each
03-08-00065	HP Colour LASER printer 8500. REF 45006510	1	Set
03-08-00066	HP laser jet 5000 printer, or equivalent, A3 & A4. additional 8MB ram, with 1 extra toner cartridge Ref: 45005610	4	Set
03-08-00067	Desk-top computer. Pentium III 450, 8.2 GB hard drive, 64 MB ram, floppy disk, 16 bit audiocard, 52x CD ROM, 15" SVGA colour monitor-pre-loaded with English/Arabic Windows 98 & MS office professional Win 98 Stlye English keyboard, mouse and pad, external speakers. Ref: 45003973	18	Set

Code	Description	Qty	Unit
03-08-00068	UNICEF Commodity Code: 451324 Photocopier, NP 6260 CANON NP 6260 with 10 Toner cartridges, 20 Bin Staple Sorter, Staples, Copy Drum, Spares for two years operations and English manual for Parts/Service/operation	10	Set
03-08-00069	UNICEF Commodity Code: 451750 Voltage regulator for photocopier 8 Amp, 220-240 V	19	Each
03-08-00070	UNICEF commodity code: 452150 Toshiba Satallite 320CDS Pentium233MHz MMX-4.1 GB hard drive, 32 Ram-3.3" external floppy drive 12.1" , dual sacn colour monitor -20X CD-ROM- Lithium battery, mouse, battery pack &universal adapter (English) windows 95 &MSoffice 97.	7	Each
03-08-00071	UNICEF Commodity Code: 454200 HP-6L laser jet printer, with 5 additional toner cartridges.	5	Set
03-08-00072	UNICEF Commodity Code: 454411 Colour scanner A4, HP 6250C Scan Jet with all software and cables.	0	Each
03-08-00073	UNICEF Commodity Code: 461131 Generating set, diesel driven, aititude above sea level :1200meters, outside temperature range-5 to 50 degrees Celsius, capacity 4.0 KVA, including 2 spare oil filter, 2 spare fuel filter element, 1 fan belt unit.Description as per attachment. with spare parts for 2 years operation and spares/service/operation manual (English)	0	Each
03-08-00074	UNICEF Commodity Code: 471131 Video camera model 9500 Panasonic NV-M9500E complete with all accessories	0	Set
03-08-00075	UNICEF Commodity Code: 472152 TV-set, colour, 25", multisystem, multivoltage, compatible for operation in IRAQ, complete with remote control, connecting cable and instruction manuale in English, SONY KV-25T1 Dcode :45662.	0	Each
03-08-00076	UNICEF Commodity Code: 472236 VCR Type SONY, SLV-X 825M1	0	Set
03-08-00077	UNICEF Commodity Code: 476112 VHS Video cassette tape, high grade, 2 hr (as JVC E-126 EHG or equivalent)	0	Each
03-08-00078	UNICEF Commodity Code: 482823 Electronic Theodolite with stand and other accessories, ETH50 Ref.: CCX982897, unit is set.	8	Set
03-08-00079	Scania Heavy Duty Tipper Truck(tail gate type) : All Steel Welded Construction, Safety Glass Applied. Maximum Payload: 20,000Kgs./13.2Cubic metersEngine; 6Cylinder Diesel In line,over head Valve,Watercooled,Direct Enjection Type. Tyers:1200-24-18PR, with spare for O & M, Fuel Tank:300liters	15	Each

Code	Description	Qty	Unit
03-08-00080	UNICEF Commodity Code: 491740 Hino Heavy Duty Tipper Truck:(tail gate type) Model HINO ZY240H, Spec. No. DZY199E Body No. S-DD-Y98144 Cab-All Steel Welded Construction, Safety Glass Applied. Maximum Payload: 20,000Kgs./13.2Cubic metersEngine; 6Cylinder Diesel In line,over head Valve,Watercooled,Direct Enjection Type. Tyers:1200-24- 18PR, with spare for O & M, Fuel Tank:300liters	12	Each
03-08-00081	UNICEF Commodity Code: 491800 Hydraulic Crane, TADANO TL 200E with spare parts for 2 years operation and spares/service/operation manual (English)	1	Each
03-08-00082	UNICEF Commodity Code: 491800 Kawasaki Wheel loader Model 80 ZIV-2, 2.9 M3 general purpose bucket with straight edge &teeth, -Engine:Nissan NE6TO4 diesel engine - Flywheel hossepower gross 185HP at 2,200 RPM - Tyre: 20.5-22 16 PR (L3) tubeless tyres- Sun canopy without steel Cabin/ ROPS Canopy nor air Conditioner as per supplier's offer L-ELKLC-0820 of 11 June, 1998.	3	Each
03-08-00083	KOMATSU Crawler pay loader D65S	1	Set
03-08-00084	UNICEF Commodity Code:482834 Builder's Level Automatic Level , NI 50 with 400 degree/701135.9800.000S 33 tripod with screw/707234.0000.000 L41 Leveling rod/707626.0000.000 Supplied in carrying case, with operation instructions and necessary accessories	6	Set
03-08-00085	UNICEF Commodity Code:491800 Caterpillar Motograder Model 120 H powered by ACAT 3116 T Diesel Engine with rated flyweel power of 104Kw/140hp:Blade width- 3658mm. Operating Weight 12,455 Kg.as per spesification brochure AEHQ5123-01	2	Each
03-08-00086	UNICEF Commodity Code:491990 Spare parts for Item 50	2	Each
03-08-00087	Complete concrete block factory, Zenith type, containing machine block 12No. (20x20x40cm) mould type, special dumper equipped with hopper for transporting concrete, concrete mixing plant with two silos 60 ton capacity, special forklift for transporting concrete blocks,100 KVA generator, with additional moulds 10x10x40cm and 30x30x40cm. Zenith, Maschinentabrik GmbH NEUNKIRCHEN (KR.) SIEGEN, Germany	5	Set