

Agency	UNDP		
Material Requirement for Distribution Sector under Phase XII - Three northern Governorates			
	Description	Unit	Total Quantity
04-02-00001	Service Pole - 6 m, 75 mm dia GS Pipe	each	13,070
04-02-00002	9 m Tubular Steel Poles complete with all Accessories	each	14,125
04-02-00004	9 m Tubular Steel Pole (Lattice Equivalent) complete with all accessories	each	4,450
04-02-00006	11 m Tubular Steel Poles complete with all Accessories	each	7,077
04-02-00007	11 m Tubular Steel Pole (Lattice Equivalent) complete with all accessories	each	905
04-02-00013	D-Bracket complete with LV Insulator, 2 x 140 mm Bolts & Nuts, Plain & Spring Washers	each	158,200
04-02-00014	D-Bracket complete with LV Insulator, 140 and 210mm Bolts & Nuts, Plain & Spring Washers	each	34,425
04-02-00015	D-Bracket complete with LV Insulator, 140 and 260mm Bolts & Nuts, Plain & Spring Washers	each	17,950
04-02-00017	Shackle Strap complete with 150 mm Bolt & Nut	each	44,500
04-02-00018	Cross arm for 11 m Tubular Pole with Bracket	each	2,000
04-02-00019	Cross Arm for 11 m Lattice Equivalent Pole with Bracket	each	2,750
04-02-00020	Galvanised Steel Staywire - 7/3.25 mm (Grade 700)	m	137,175
04-02-00021	Stay Assembly complete with Stay Rod & Plate	each	10,950
04-02-00022	M12x30 mm GS Bolt & Nut with Flat and Spring Washers	each	8,788
04-02-00023	M16x30 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00024	M16x50 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00025	M16x100 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00026	M16x150 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00027	M16x210 mm GS Bolt & Nut with Flat and Spring Washers	each	22,088
04-02-00028	M20x30 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00029	M20x50 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00030	M20x100 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00031	M20x150 mm GS Bolt & Nut with Flat and Spring Washers	each	11,500
04-02-00032	M20x230 mm GS Bolt & Nut with Flat and Spring Washers	each	7,444
04-02-00033	M20x350 mm GS Bolt & Nut with Flat and Spring Washers	each	3,000
04-02-00034	50x50x5 mm, 2.3 m long GS angle	each	2,197
04-02-00036	50x50x5 mm, 1000 mm long GS angle	each	2,197
04-02-00037	100x50x6 mm, 2.3 m long GS channel	each	4,819
04-02-00038	Danger Board - 11 kV	each	6,885
04-02-00039	LV Insulator	each	13,000
04-02-00040	Pin Insulator with Galvanized Spindle - 11 kV	each	25,652
04-02-00041	Tension Insulators with all Accessories and Hardware - 11 kV	each	4,650
04-02-00042	All Aluminium Conductor (AAC) - 95 sqmm	km	2,730
04-02-00043	All Aluminium Conductor (AAC) - 70 sqmm	km	2,730
04-02-00044	All Aluminium Conductor (AAC) - 50 sqmm	km	2,730
04-02-00045	All Aluminium Conductor (AAC) - 35 sqmm	km	683
04-02-00046	Aluminium Conductor Steel Reinforced (ACSR) - 120/20 sqmm	km	803
04-02-00047	Aluminium Conductor Steel Reinforced (ACSR) - 95/15 sqmm	km	803
04-02-00048	Aluminium Conductor Steel Reinforced (ACSR) - 70/12 sqmm	km	803
04-02-00049	Aluminium Conductor Steel Reinforced (ACSR) - 50/8 sqmm	km	803
04-02-00051	Aluminium Binding Wire (No 9) - 3.6 mm	kg	2,040
04-02-00052	Aluminium Binding Wire (No 11) - 3.0 mm	kg	6,500
04-02-00053	Midspan Joint for ACSR 120/20 sqmm	each	765
04-02-00054	Midspan Joint for ACSR95/15 sqmm	each	765
04-02-00055	Midspan Joint for ACSR 70/12 sqmm	each	765
04-02-00056	Midspan Joint for ACSR 50/8 sqmm	each	765
04-02-00057	Midspan Joint for Al 95 sqmm	each	2,600
04-02-00058	Midspan Joint for Al 70 sqmm	each	2,600
04-02-00059	Midspan Joint for Al 50 sqmm	each	2,600
04-02-00060	Midspan Joint for Al 35 sqmm	each	650
04-02-00061	H Connector, Crimp Type - 150-120 / 150-120 sqmm	each	3,060
04-02-00062	H Connector, Crimp Type - 120-70 / 120-70 sqmm	each	19,310

	Description	Unit	Total Quantity
04-02-00063	H Connector, Crimp Type - 70-35 / 70-35 sqmm	each	19,310
04-02-00064	Parallel Groove Clamp, Bolted Type, Al - 25-150/25-150 sqmm	each	1,530
04-02-00065	Parallel Groove Clamp, Bolted Type, Al - 16-95/16-95 sqmm	each	141,980
04-02-00066	Bi-metallic Bolted Type Connector Al / Cu, 35-150 / 16-95 sqmm	each	28,561
04-02-00067	Bare Overhead to Insulated Connector - Type A (2 Bolts, 35-95 / 35-95 sqmm)	each	2,625
04-02-00068	Bare Overhead to Insulated Connector - Type B (1 Bolt, 25-95 / 6-35 sqmm)	each	2,625
04-02-00069	Insulated Tee-off Piercing Connector - Type A (2 Bolts, 35-95 / 35-95 sqmm)	each	3,938
04-02-00070	Insulated Tee-off Piercing Connector - Type B (1 Bolt, 25-95 / 6-35 sqmm)	each	31,500
04-02-00071	Insulated Tee-off Piercing Connector - Type C (1 Bolt, 6-25 / 6-25 sqmm)	each	11,813
04-02-00072	Bi-metallic Lug Al Conductor / Cu Terminal - 95 sqmm / 13mm dia. Hole	each	15,750
04-02-00073	Bi-metallic Lug Al Conductor / Cu Terminal - 50 sqmm / 13mm dia. Hole	each	5,250
04-02-00074	Bi-metallic Lug Al Conductor / Cu Terminal - 16 sqmm / 10.5mm dia. Hole	each	5,250
04-02-00075	Cable Ties (10x800 mm)	each	43,940
04-02-00076	LV OH Aerial Bundled Cable 3X95+50+16 sqmm Al Conductor	km	263
04-02-00077	LV Cu cable 1x150 sqmm, PVC insulated	m	252,655
04-02-00078	LV Cu cable 1x95 sqmm, PVC insulated	m	153,790
04-02-00079	PVC Double Insulated Twin Cable, Cu - 10sqmm	m	1,898,000
04-02-00080	Cu, Cable Terminal Lugs for 150 sqmm Cable	each	52,728
04-02-00081	Cu, Cable Terminal Lugs for 95 sqmm Cable	each	52,728
04-02-00082	Suspension Bracket	each	21,000
04-02-00083	Suspension Clamp	each	21,000
04-02-00084	Tension (dead end) Bracket	each	2,625
04-02-00085	Tension (dead end) Clamp	each	7,350
04-02-00086	Pre-insulated Sleeve for Phase Conductor - 95 sqmm	each	1,575
04-02-00087	Pre-insulated Sleeve for Neutral Conductor - 50 sqmm	each	1,050
04-02-00088	Pre-insulated Sleeve for Street Lighting Conductor - 16 sqmm	each	1,050
04-02-00089	Insulation End Cap for 95 sqmm Conductor	each	6,300
04-02-00090	Insulation End Cap for 50 sqmm Conductor	each	2,100
04-02-00091	Insulation End Cap for 16 sqmm Conductor	each	2,100
04-02-00092	Insulating Binding Strap	each	35,438
04-02-00093	Stainless Steel Strap	each	5,250
04-02-00094	Stainless Steel Buckle	each	5,250
04-02-00095	Facade Mounted Cable Fitting	each	13,125
04-02-00096	Service Dead End Clamp - 2 x 6-35 sqmm	each	3,125
04-02-00097	Service Dead End Clamp - 4 x 6-35 sqmm	each	3,125
04-02-00098	Self amalgamating tape, 20 metre length roll, approximately 20 mm width	each	1,313
04-02-00099	Linkage fuse 12kV with fuse holder	each	6,591
04-02-00100	Fuse elements 11 kV, 15 A	each	13,182
04-02-00101	Fuse elements 11 kV, 25 A	each	13,182
04-02-00102	Distribution Transformer 11/0.4 kV, 160 KVA	each	610
04-02-00103	Distribution Transformer 11/0.4 kV, 250 KVA	each	915
04-02-00104	Transformer Insulating Oil Suitable for 11/0.4kV Transformer	Ltr	30,000
04-02-00105	Cu Wire no.4 (DT Jumpers)	m	48,334
04-02-00106	Cu Earth Wire Tinned 50 sqmm Stranded No 7	m	52,728
04-02-00107	Cu Earth Road, 16 mm Diameter, 1.5 m Length	each	4,394
04-02-00108	Lightning Arrestor 12 kV, 10 kA	each	6,591
04-02-00114	Miniature Circuit Breaker (MCB) - 30 A	each	65,350
04-02-00115	LV Board with 2 x 3pole 150 A MCCB + N-Link + St. Lighting Control Gear	each	879
04-02-00116	LV Board with 2 x 3pole 250 A MCCB + N-Link + St. Lighting Control Gear	each	1,318
04-02-00117	Energy Meter (kWh) Single Phase 230 V - 10-40 A	each	65,350