

UNDP ELECTRICITY SECTOR NORTHERN GOVERNORATES			
	Phase XI		
Item Code	Description	Unit	Qty Total
04-02-00001	Service Pole - 6m, 75mm dia GS Pipe	each	11250
04-02-00002	9m Tubular Steel Poles complete with all Accessories	each	12940
04-02-00003	9m Tubular Steel Pole	each	
04-02-00004	9m Tubular Steel Pole (Lattice Equivalent) complete with all accessories	each	3760
04-02-00005	9m Tubular Steel Pole (Lattice Equivalent)	each	
04-02-00006	11m Tubular Steel Poles complete with all Accessories	each	10985
04-02-00007	11m Tubular Steel Pole	each	
04-02-00008	11m Tubular Steel Pole (Lattice Equivalent) complete with all accessories	each	2210
04-02-00009	11m Tubular Steel Pole (Lattice Equivalent)	each	
04-02-00010	9m/115kg Reinforced Concrete Pole complete with all Accessories	each	
04-02-00011	9m/115kg Reinforced Concrete Pole	each	
04-02-00012	Poles for Street Lighting - 15m	each	
04-02-00013	Poles for Street Lighting - 12m	each	
04-02-00014	D-Bracket complete with LV Insulator, 2 x 140 mm Bolts & Nuts, Plain & Spring Washers	each	134300
04-02-00015	D-Bracket complete with LV Insulator, 140 and 210mm Bolts & Nuts, Plain & Spring Washers	each	28800
04-02-00016	D-Bracket complete with LV Insulator, 140 and 260mm Bolts & Nuts, Plain & Spring Washers	each	13300
04-02-00017	D-Bracket only	each	
04-02-00018	Shackle Strap complete with 150mm Bolt & Nut	each	37600
04-02-00019	Cross arm for 11m Tubular Pole with Bracket	each	2000
04-02-00020	Cross Arm for 11m Lattice Equivalent Pole with Bracket	each	2750
04-02-00021	Galvanised Steel Staywire - 7/3.25mm (Grade 700)	m	178650
04-02-00022	Stay Assembly complete with Stay Rod & Plate	each	13550
04-02-00023	M12x30mm GS Bolt & Nut with Flat and Spring Washers	each	6700
04-02-00024	M16x30mm GS Bolt & Nut with Flat and Spring Washers	each	11500
04-02-00025	M16x50mm GS Bolt & Nut with Flat and Spring Washers	each	11500
04-02-00026	M16x100mm GS Bolt & Nut with Flat and Spring Washers	each	11500
04-02-00027	M16x140mm GS Bolt & Nut with Flat and Spring Washers	each	
04-02-00028	M16x150mm GS Bolt & Nut with Flat and Spring Washers	each	11500

Item Code	Description	Unit	Qty Total
04-02-00029	M16x210mm GS Bolt & Nut with Flat and Spring Washers	each	17200
04-02-00030	M16x260mm GS Bolt & Nut with Flat and Spring Washers	each	
04-02-00031	M20x30mm GS Bolt & Nut with Flat and Spring Washers	each	11500
04-02-00032	M20x50mm GS Bolt & Nut with Flat and Spring Washers	each	11500
04-02-00033	M20x100mm GS Bolt & Nut with Flat and Spring Washers	each	11500
04-02-00034	M20x150mm GS Bolt & Nut with Flat and Spring Washers	each	11500
04-02-00035	M20x230mm GS Bolt & Nut with Flat and Spring Washers	each	5000
04-02-00036	M20x350mm GS Bolt & Nut with Flat and Spring Washers	each	3000
04-02-00037	50x50x5mm, 2.3m long GS angle	each	1675
04-02-00038	50x50x5mm, 700mm long GS angle	each	
04-02-00039	50x50x5mm, 1000mm long GS angle	each	1675
04-02-00040	50x50x5mm, 6m long GS angle	each	
04-02-00041	50x50x6mm, 2.3m long GS channel	each	
04-02-00042	50x50x6mm, 6m long GS channel	each	
04-02-00043	100x50x6mm, 2.3m long GS channel	each	3575
04-02-00044	100x50x6mm, 6m long GS channel	each	
04-02-00045	25mm dia, 3m long GS Pipe	each	
04-02-00046	25mm dia, 6m long GS Pipe	each	
04-02-00047	37mm dia, 6m long GS Pipe	each	
04-02-00048	Danger Board - 11kV	each	21195
04-02-00049	Danger Board - 33kV	each	
04-02-00050	LV Insulator	each	19600
04-02-00051	Stay Insulator - LV	each	
04-02-00052	Stay Insulator - HV	each	
04-02-00053	Pin Insulator with Galvanized Spindle - 11kV	each	43715
04-02-00054	Tension Insulators with all Accessories and Hardware - 11KV	each	11550
04-02-00055	Suspension Insulators with all Accessories and Hardware - 11kV	each	
04-02-00056	Pin Insulator with Galvanized Spindle - 33kV	each	
04-02-00057	Tension Insulators with all Accessories and Hardware - 33KV	each	
04-02-00058	Suspension Insulators with all Accessories and Hardware - 33kV	each	

Item Code	Description	Unit	Qty Total
04-02-00059	Disc Insulator	each	
04-02-00060	Copper Conductor - 50 sqmm	km	
04-02-00061	All Aluminium Conductor (AAC) - 95 sqmm	km	4116
04-02-00062	All Aluminium Conductor (AAC) - 70 sqmm	km	4116
04-02-00063	All Aluminium Conductor (AAC) - 50 sqmm	km	4116
04-02-00064	All Aluminium Conductor (AAC) - 35 sqmm	km	1029
04-02-00065	Aluminium Conductor Steel Reinforced (ACSR) - 120/20 sqmm	km	2472.75
04-02-00066	Aluminium Conductor Steel Reinforced (ACSR) - 95/15 sqmm	km	2472.75
04-02-00067	Aluminium Conductor Steel Reinforced (ACSR) - 70/12 sqmm	km	2472.75
04-02-00068	Aluminium Conductor Steel Reinforced (ACSR) - 50/8 sqmm	km	2472.75
04-02-00069	Copper Binding Wire	kg	
04-02-00070	Aluminium Binding Wire (No 9) - 3.6mm	kg	6280
04-02-00071	Aluminium Binding Wire (No 11) - 3.0mm	kg	9800
04-02-00072	Midspace Joint for ACSR 120/20 sqmm	each	2355
04-02-00073	Midspace Joint for ACSR95/15 sqmm	each	2355
04-02-00074	Midspace Joint for ACSR 70/12 sqmm	each	2355
04-02-00075	Midspace Joint for ACSR 50/8 sqmm	each	2355
04-02-00076	Midspace Joint for Al 95 sqmm	each	3920
04-02-00077	Midspace Joint for Al 70 sqmm	each	3920
04-02-00078	Midspace Joint for Al 50 sqmm	each	3920
04-02-00079	Midspace Joint for Al 35 sqmm	each	980
04-02-00080	H Connector, Crimp Type - 150-120 / 150-120 sqmm	each	9420
04-02-00081	H Connector, Crimp Type - 120-70 / 120-70 sqmm	each	33920
04-02-00082	H Connector, Crimp Type - 70-35 / 70-35 sqmm	each	33920
04-02-00083	Parallel Groove Clamp, Bolted Type, Al - 25-150/25-150 sqmm	each	4710
04-02-00084	Parallel Groove Clamp, Bolted Type, Al - 16-95/16-95 sqmm	each	131910
04-02-00085	Parallel groove clamps Al 95 sqmm		
04-02-00086	Parallel groove clamps Al 70 sqmm		
04-02-00087	Parallel groove clamps Al 50 sqmm		
04-02-00088	Bi metallic connector Al/Cu 150/95 sqmm		

Item Code	Description	Unit	Qty Total
04-02-00089	Bi metallic connector Al/Cu 95/95 sqmm		
04-02-00090	Bi metallic connector Al/Cu 95/10 sqmm		
04-02-00091	Bi metallic connector Al/Cu 95/6 sqmm		
04-02-00092	Bi-metallic Bolted Type Connector Al / Cu, 35-150 / 16-95 sqmm	each	21775
04-02-00093	Bi-metallic Bolted Type Connector Al / Cu, 35-95 / 2.5-10 sqmm	each	
04-02-00094	Bare Overhead to Insulated Connector - Type A (2 Bolts, 35-95 / 35-95 sqmm)	each	1500
04-02-00095	Bare Overhead to Insulated Connector - Type B (1 Bolt, 25-95 / 6-35 sqmm)	each	1500
04-02-00096	Insulated Tee-off Piercing Connector - Type A (2 Bolts, 35-95 / 35-95 sqmm)	each	2250
04-02-00097	Insulated Tee-off Piercing Connector - Type B (1 Bolt, 25-95 / 6-35 sqmm)	each	18000
04-02-00098	Insulated Tee-off Piercing Connector - Type C (1 Bolt, 6-25 / 6-25 sqmm)	each	6750
04-02-00099	Bi-metallic Lug Al Conductor / Cu Terminal - 95 sqmm / 13mm dia. Hole	each	9000
04-02-00100	Bi-metallic Lug Al Conductor / Cu Terminal - 70 sqmm / 13mm dia. Hole	each	
04-02-00101	Bi-metallic Lug Al Conductor / Cu Terminal - 50 sqmm / 13mm dia. Hole	each	3000
04-02-00102	Bi-metallic Lug Al Conductor / Cu Terminal - 16 sqmm / 10.5mm dia. Hole	each	3000
04-02-00103	UG Cable Cu XLPE Insulated 1C x 400 sqmm - 33kV	km	
04-02-00104	UG Cable Cu XLPE Insulated 1C x 240 sqmm - 11kV	km	
04-02-00105	UG Cable Cu XLPE Insulated 3C x 185 sqmm - 11kV	km	
04-02-00106	UG Cable Cu XLPE Insulated 3C x 150 sqmm - 11kV	km	
04-02-00107	Termination Kits, Heat Shrinkable, Outdoor, for 3Cx240sqmm XLPE Cable	each	
04-02-00108	Termination Kits, Heat Shrinkable, Outdoor, for 3Cx185sqmm XLPE Cable	each	
04-02-00109	Termination Kits, Heat Shrinkable, Outdoor, for 3Cx150sqmm XLPE Cable	each	
04-02-00110	Termination Kits, Heat Shrinkable, Indoor, for 3Cx150sqmm XLPE Cable	each	
04-02-00111	Straight Jointing Kits, Heat Shrinkable, Outdoor, for 3Cx185sqmm XLPE Cable	each	
04-02-00112	Tee-off Jointing Kits, Heat Shrinkable, Outdoor, for 3Cx185sqmm XLPE Cable	each	
04-02-00113	Cu, Cable Terminal Lugs for 240 sqmm Cable	each	
04-02-00114	Cu, Cable Terminal Lugs for 185 sqmm Cable	each	
04-02-00115	Cable Ties (10x800mm)	each	33500
04-02-00116	LV OH Aerial Bundled Cable 3X95+50+16 sqmm Al Conductor	km	150
04-02-00117	LV OH Aerial Bundled Cable 3X70+50+16 sqmm Al Conductor	km	
04-02-00118	LV Cu cable 1x150 sqmm, PVC insulated	m	192625

Item Code	Description	Unit	Qty Total
04-02-00119	LV Cu cable 1x95 sqmm, PVC insulated	m	117250
04-02-00120	LV Cu cable 1x70 sqmm, PVC insulated	m	
04-02-00121	LV Cu cable 1x50 sqmm, PVC insulated	m	
04-02-00122	LV Cu cable 2x10 sqmm	m	
04-02-00123	LV Cu cable 2x6 sqmm	m	
04-02-00124	PVC Double Insulated Twin Cable, Cu - 10sqmm	m	1631250
04-02-00125	Cu, Cable Terminal Lugs for 150 sqmm Cable	each	40200
04-02-00126	Cu, Cable Terminal Lugs for 95 sqmm Cable	each	40200
04-02-00127	Cu, Cable Terminal Lugs for 70 sqmm Cable	each	
04-02-00128	Cu, Cable Terminal Lugs for 50 sqmm Cable	each	
04-02-00129	Suspension Bracket	each	12000
04-02-00130	Suspension Clamp	each	12000
04-02-00131	Tension (dead end) Bracket	each	1500
04-02-00132	Tension (dead end) Clamp	each	4200
04-02-00133	Pre-insulated Sleeve for Phase Conductor - 95sqmm	each	900
04-02-00134	Pre-insulated Sleeve for Phase Conductor - 70sqmm	each	
04-02-00135	Pre-insulated Sleeve for Neutral Conductor - 50sqmm	each	600
04-02-00136	Pre-insulated Sleeve for Street Lighting Conductor - 16sqmm	each	600
04-02-00137	Insulation End Cap for 95sqmm Conductor	each	3600
04-02-00138	Insulation End Cap for 70sqmm Conductor	each	
04-02-00139	Insulation End Cap for 50sqmm Conductor	each	1200
04-02-00140	Insulation End Cap for 16sqmm Conductor	each	1200
04-02-00141	Insulating Binding Strap	each	20250
04-02-00142	Stainless Steel Strap	each	3000
04-02-00143	Stainless Steel Buckle	each	3000
04-02-00144	Facade Mounted Cable Fitting	each	7500
04-02-00145	Service Dead End Clamp - 2 x 6-35 sqmm	each	2812.5
04-02-00146	Service Dead End Clamp - 4 x 6-35 sqmm	each	2812.5
04-02-00147	Self amalgamating tape, 20 metre length roll, approximately 20 mm width	each	750
04-02-00148	Linkage fuse 12kV with fuse holder	each	5025

Item Code	Description	Unit	Qty Total
04-02-00149	Linkage fuse 36kV with fuse holder	each	
04-02-00150	Pole Mounted Type Air Break Switch, Outdoor, 3 Pole, 300A - 11kV	each	
04-02-00151	Pole Mounted Type Air Break Switch, Outdoor, 3 Pole, 300A - 33kV	each	
04-02-00152	Pole Mounted Type Load Break Switch, Outdoor, 3 Pole, 300A - 11kV	each	
04-02-00153	Pole Mounted Type Load Break Switch, Outdoor, 3 Pole, 300A - 33kV	each	
04-02-00154	Auto Recloser, 300A - 11kV	each	
04-02-00155	Auto Recloser, 300A - 33kV	each	
04-02-00156	Voltage Regulator - 11kV , 500kVA	each	
04-02-00157	Voltage Regulator - 11kV , 750kVA	each	
04-02-00158	Fuse elements 36 kV, 2A	each	
04-02-00159	Fuse elements 36 kV, 5A	each	
04-02-00160	Fuse elements 11 kV, 6A	each	
04-02-00161	Fuse elements 11 kV, 10A	each	
04-02-00162	Fuse elements 11 kV, 15A	each	10050
04-02-00163	Fuse elements 11 kV, 25A	each	10050
04-02-00164	Fuse elements 11 kV, 40A	each	
04-02-00165	Distribution Transformer 11/0.4 kV, 63 kVA	each	
04-02-00166	Distribution Transformer 11/0.4 kV, 100 KVA	each	
04-02-00167	Distribution Transformer 11/0.4 kV, 160 KVA	each	330
04-02-00168	Distribution Transformer 11/0.4 kV, 250 KVA	each	495
04-02-00169	Distribution Transformer 11/0.4 kV, 400 KVA	each	
04-02-00170	Distribution Transformer 11/0.4 kV, 630KVA	each	
04-02-00171	Distribution Transformer 33/0.4 kV, 100 KVA	each	
04-02-00172	Distribution Transformer 33/0.4 kV, 250 KVA	each	
04-02-00173	Transformer Insulating Oil Suitable for 11/0.4kV Transformer	Ltr	30000
04-02-00174	Cu Wire no.4 (DT Jumpers)	m	36850
04-02-00175	Cu Earth Wire Tinned 50 sqmm Stranded No 7	m	40200
04-02-00176	Cu Earth Road, 16mm Diameter, 1.5 m Length	each	3350
04-02-00177	Lightning Arrestor 12kV, 10 kA	each	5025
04-02-00178	Lightning Arrestor 36kV, 10 kA	each	

Item Code	Description	Unit	Qty Total
04-02-00179	Miniature Circuit Breaker (MCB) - 2A	each	
04-02-00180	Miniature Circuit Breaker (MCB) - 4A	each	
04-02-00181	Miniature Circuit Breaker (MCB) - 6A	each	
04-02-00182	Miniature Circuit Breaker (MCB) - 8A	each	
04-02-00183	Miniature Circuit Breaker (MCB) - 30A	each	56250
04-02-00184	Moulded Case Circuit Breaker (MCCB) - 63A	each	
04-02-00185	Moulded Case Circuit Breaker (MCCB) - 100A	each	
04-02-00186	Moulded Case Circuit Breaker (MCCB) - 150A	each	
04-02-00187	Moulded Case Circuit Breaker (MCCB) - 250A	each	
04-02-00188	Moulded Case Circuit Breaker (MCCB) - 400A	each	
04-02-00189	Moulded Case Circuit Breaker (MCCB) - 630A	each	
04-02-00190	LV Board with 2 x 3pole 63A MCCB + N-Link	each	
04-02-00191	LV Board with 2 x 3pole 100A MCCB + N-Link	each	
04-02-00192	LV Board with 2 x 3pole 150A MCCB + N-Link	each	
04-02-00193	LV Board with 2 x 3pole 250A MCCB + N-Link	each	
04-02-00194	LV Board with 2 x 3pole 400A MCCB + N-Link	each	
04-02-00195	LV Board with 2 x 3pole 630A MCCB + N-Link	each	
04-02-00196	LV Board with 2 x 3pole 63A MCCB + N-Link + St.Lighting Control Gear	each	
04-02-00197	LV Board with 2 x 3pole 100A MCCB + N-Link + St.Lighting Control Gear	each	
04-02-00198	LV Board with 2 x 3pole 150A MCCB + N-Link + St.Lighting Control Gear	each	670
04-02-00199	LV Board with 2 x 3pole 250A MCCB + N-Link + St.Lighting Control Gear	each	1005
04-02-00200	LV Board with 2 x 3pole 400A MCCB + N-Link + St.Lighting Control Gear	each	
04-02-00201	LV Board with 2 x 3pole 630A MCCB + N-Link + St.Lighting Control Gear	each	
04-02-00202	LV Board with St.Lighting Control Gear	each	
04-02-00203	Energy Meter (kWh) Single Phase 230V - 5-20A	each	
04-02-00204	Energy Meter (kWh) Single Phase 230V - 10-40A	each	56250