

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGES IN BAGHDAD

Site Name: CENTRAL in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-00001	SWITCHING EQUIPMENT for 30000 subscriber lines and 250 E1 digital interface:	Lot	1	
07-01-00002	- Subscriber Connections	Lot	1	
07-01-00003	- Trunk equipment	Lot	1	
07-01-00004	- Tones and Signaling	Lot	1	
07-01-00005	- Control Processors	Lot	1	
07-01-00006	- Operation and Maintenance Processors	Lot	1	
07-01-00007	- Peripherals	Lot	1	
07-01-00008	- Racks and Ironworks	Lot	1	
07-01-00009	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-00010	- Documentation	Set	2	
07-01-00011	POWER PLANT	Lot	1	
07-01-00012	- Operation and Maintenance Processors	Lot	1	
07-01-00013	- Peripherals	Lot	1	
07-01-00014	- 48V power supplies	Lot	1	
07-01-00015	- DC\DC Converters	Lot	1	
07-01-00016	- Inverters 2KVA	Set	2	
07-01-00017	- 48V Batteries, 6400 AH	Set	2	
07-01-00018	- Cables	Set	1	
07-01-00019	- Installation and Maintenance tools and Materials	Lot	1	
07-01-00020	- Documentation	Set	1	
07-01-00021	AIR CONDITIONERS	Lot	1	
07-01-00022	- 60 kW 50Hz, 220\380V	Set	3	
07-01-00023	- Installation and Maintenance tools and Materials	Lot	1	
07-01-00024	- Documentation	Set	2	
07-01-00025	Main Distribution Frames	Lot	1	
07-01-00026	- Terminal Blocks	Lot	1	
07-01-00027	- Over voltage protection	Lot	1	
07-01-00028	- Over current protection	Lot	1	
07-01-00029	- Ironwork	Lot	1	
07-01-00030	- Installation tools	Lot	1	
07-01-00031	- Cables & Jumper wire	Lot	1	
07-01-00032	- Documentation	Set	2	
07-01-00033	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-00034	- Detection units	Lot	1	
07-01-00035	- Control & Alarm Unit	Lot	1	
07-01-00036	- Manual Distinguishers	Lot	1	
07-01-00037	- Installation and Maintenance tools and Materials	Lot	1	
07-01-00038	- Documentation	Set	2	
07-01-00039	False Floor – False Ceiling for switching room	Lot	1	
07-01-00040	SPARE PARTS	Lot	1	
07-01-00041	DIESEL ENGINE GENERATOR	Lot	1	
07-01-00042	- Capacity 600 KVA	Set	2	
07-01-00043	- Installation and Maintenance tools and Materials	Lot	1	
07-01-00044	- Spare Parts	Lot	1	
07-01-00045	- Documentation	Set	2	
07-01-00046	SERVICES	Lot	1	
07-01-00047	- Training abroad	Trainee	2	
07-01-00048	- Training in Iraq	Trainee	6	
07-01-00049	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGES IN BAGHDAD

Site Name: SAB-ABKAR in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-01051	SWITCHING EQUIPMENT for 25010 subscriber lines and 200 E1 digital interface:	Lot	1	
07-01-01052	- Subscriber Connections	Lot	1	
07-01-01053	- Trunk equipment	Lot	1	
07-01-01054	- Tones and Signaling	Lot	1	
07-01-01055	- Control Processors	Lot	1	
07-01-01056	- Operation and Maintenance Processors	Lot	1	
07-01-01057	- Peripherals	Lot	1	
07-01-01058	- Racks and Ironworks	Lot	1	
07-01-01059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-01060	- Documentation	Set	2	
07-01-01061	POWER PLANT	Lot	1	
07-01-01062	- Operation and Maintenance Processors	Lot	1	
07-01-01063	- Peripherals	Lot	1	
07-01-01064	- 48V power supplies	Lot	1	
07-01-01065	- DC\DC Converters	Lot	1	
07-01-01066	- Inverters 2KVA	Set	2	
07-01-01067	- 48V Batteries, 6400 AH	Set	2	
07-01-01068	- Cables	Set	1	
07-01-01069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-01070	- Documentation	Set	1	
07-01-01071	AIR CONDITIONERS	Lot	1	
07-01-01072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-01073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-01074	- Documentation	Set	2	
07-01-01075	Main Distribution Frames	Lot	1	
07-01-01076	- Terminal Blocks	Lot	1	
07-01-01077	- Over voltage protection	Lot	1	
07-01-01078	- Over current protection	Lot	1	
07-01-01079	- Ironwork	Lot	1	
07-01-01080	- Installation tools	Lot	1	
07-01-01081	- Cables & Jumper wire	Lot	1	
07-01-01082	- Documentation	Set	2	
07-01-01083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-01084	- Detection units	Lot	1	
07-01-01085	- Control & Alarm Unit	Lot	1	
07-01-01086	- Manual Distinguishers	Lot	1	
07-01-01087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-01088	- Documentation	Set	2	
07-01-01089	False Floor – False Ceiling for switching room	Lot	1	
07-01-01090	SPARE PARTS	Lot	1	
07-01-01091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-01092	- Capacity 600 KVA	Set	2	
07-01-01093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-01094	- Spare Parts	Lot	1	
07-01-01095	- Documentation	Set	2	
07-01-01096	SERVICES	Lot	1	
07-01-01097	- Training abroad	Trainee	2	
07-01-01098	- Training in Iraq	Trainee	6	
07-01-01099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGES IN BAGHDAD

Site Name: DAUODI in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-02001	SWITCHING EQUIPMENT for 25020 subscriber lines and 200 E1 digital interface:	Lot	1	
07-01-02002	- Subscriber Connections	Lot	1	
07-01-02003	- Trunk equipment	Lot	1	
07-01-02004	- Tones and Signaling	Lot	1	
07-01-02005	- Control Processors	Lot	1	
07-01-02006	- Operation and Maintenance Processors	Lot	1	
07-01-02007	- Peripherals	Lot	1	
07-01-02008	- Racks and Ironworks	Lot	1	
07-01-02009	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-02010	- Documentation	Set	2	
07-01-02011	POWER PLANT	Lot	1	
07-01-02012	- Operation and Maintenance Processors	Lot	1	
07-01-02013	- Peripherals	Lot	1	
07-01-02014	- 48V power supplies	Lot	1	
07-01-02015	- DC\DC Converters	Lot	1	
07-01-02016	- Inverters 2KVA	Set	2	
07-01-02017	- 48V Batteries, 6400 AH	Set	2	
07-01-02018	- Cables	Set	1	
07-01-02019	- Installation and Maintenance tools and Materials	Lot	1	
07-01-02020	- Documentation	Set	1	
07-01-02021	AIR CONDITIONERS	Lot	1	
07-01-02022	- 60 kW 50Hz, 220\380V	Set	3	
07-01-02023	- Installation and Maintenance tools and Materials	Lot	1	
07-01-02024	- Documentation	Set	2	
07-01-02025	Main Distribution Frames	Lot	1	
07-01-02026	- Terminal Blocks	Lot	1	
07-01-02027	- Over voltage protection	Lot	1	
07-01-02028	- Over current protection	Lot	1	
07-01-02029	- Ironwork	Lot	1	
07-01-02030	- Installation tools	Lot	1	
07-01-02031	- Cables & Jumper wire	Lot	1	
07-01-02032	- Documentation	Set	2	
07-01-02033	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-02034	- Detection units	Lot	1	
07-01-02035	- Control & Alarm Unit	Lot	1	
07-01-02036	- Manual Distinguishers	Lot	1	
07-01-02037	- Installation and Maintenance tools and Materials	Lot	1	
07-01-02038	- Documentation	Set	2	
07-01-02039	False Floor – False Ceiling for switching room	Lot	1	
07-01-02040	SPARE PARTS	Lot	1	
07-01-02041	DIESEL ENGINE GENERATOR	Lot	1	
07-01-02042	- Capacity 600 KVA	Set	2	
07-01-02043	- Installation and Maintenance tools and Materials	Lot	1	
07-01-02044	- Spare Parts	Lot	1	
07-01-02045	- Documentation	Set	2	
07-01-02046	SERVICES	Lot	1	
07-01-02047	- Training abroad	Trainee	2	
07-01-02048	- Training in Iraq	Trainee	6	
07-01-02049	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGES IN BAGHDAD

Site Name: JADIRIYA in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-03051	SWITCHING EQUIPMENT for 20300 subscriber lines and 150 E1 digital interface:	Lot	1	
07-01-03052	- Subscriber Connections	Lot	1	
07-01-03053	- Trunk equipment	Lot	1	
07-01-03054	- Tones and Signaling	Lot	1	
07-01-03055	- Control Processors	Lot	1	
07-01-03056	- Operation and Maintenance Processors	Lot	1	
07-01-03057	- Peripherals	Lot	1	
07-01-03058	- Racks and Ironworks	Lot	1	
07-01-03059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-03060	- Documentation	Set	2	
07-01-03061	POWER PLANT	Lot	1	
07-01-03062	- Operation and Maintenance Processors	Lot	1	
07-01-03063	- Peripherals	Lot	1	
07-01-03064	- 48V power supplies	Lot	1	
07-01-03065	- DC\DC Converters	Lot	1	
07-01-03066	- Inverters 2KVA	Set	2	
07-01-03067	- 48V Batteries, 6400 AH	Set	2	
07-01-03068	- Cables	Set	1	
07-01-03069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-03070	- Documentation	Set	1	
07-01-03071	AIR CONDITIONERS	Lot	1	
07-01-03072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-03073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-03074	- Documentation	Set	2	
07-01-03075	Main Distribution Frames	Lot	1	
07-01-03076	- Terminal Blocks	Lot	1	
07-01-03077	- Over voltage protection	Lot	1	
07-01-03078	- Over current protection	Lot	1	
07-01-03079	- Ironwork	Lot	1	
07-01-03080	- Installation tools	Lot	1	
07-01-03081	- Cables & Jumper wire	Lot	1	
07-01-03082	- Documentation	Set	2	
07-01-03083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-03084	- Detection units	Lot	1	
07-01-03085	- Control & Alarm Unit	Lot	1	
07-01-03086	- Manual Distinguishers	Lot	1	
07-01-03087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-03088	- Documentation	Set	2	
07-01-03089	False Floor – False Ceiling for switching room	Lot	1	
07-01-03090	SPARE PARTS	Lot	1	
07-01-03091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-03092	- Capacity 600 KVA	Set	2	
07-01-03093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-03094	- Spare Parts	Lot	1	
07-01-03095	- Documentation	Set	2	
07-01-03096	SERVICES	Lot	1	
07-01-03097	- Training abroad	Trainee	2	
07-01-03098	- Training in Iraq	Trainee	6	
07-01-03099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGES IN BAGHDAD

Site Name: DORA in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-04051	SWITCHING EQUIPMENT for 20400 subscriber lines and 150 E1 digital interface:	Lot	1	
07-01-04052	- Subscriber Connections	Lot	1	
07-01-04053	- Trunk equipment	Lot	1	
07-01-04054	- Tones and Signaling	Lot	1	
07-01-04055	- Control Processors	Lot	1	
07-01-04056	- Operation and Maintenance Processors	Lot	1	
07-01-04057	- Peripherals	Lot	1	
07-01-04058	- Racks and Ironworks	Lot	1	
07-01-04059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-04060	- Documentation	Set	2	
07-01-04061	POWER PLANT	Lot	1	
07-01-04062	- Operation and Maintenance Processors	Lot	1	
07-01-04063	- Peripherals	Lot	1	
07-01-04064	- 48V power supplies	Lot	1	
07-01-04065	- DC\DC Converters	Lot	1	
07-01-04066	- Inverters 2KVA	Set	2	
07-01-04067	- 48V Batteries, 6400 AH	Set	2	
07-01-04068	- Cables	Set	1	
07-01-04069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-04070	- Documentation	Set	1	
07-01-04071	AIR CONDITIONERS	Lot	1	
07-01-04072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-04073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-04074	- Documentation	Set	2	
07-01-04075	Main Distribution Frames	Lot	1	
07-01-04076	- Terminal Blocks	Lot	1	
07-01-04077	- Over voltage protection	Lot	1	
07-01-04078	- Over current protection	Lot	1	
07-01-04079	- Ironwork	Lot	1	
07-01-04080	- Installation tools	Lot	1	
07-01-04081	- Cables & Jumper wire	Lot	1	
07-01-04082	- Documentation	Set	2	
07-01-04083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-04084	- Detection units	Lot	1	
07-01-04085	- Control & Alarm Unit	Lot	1	
07-01-04086	- Manual Distinguishers	Lot	1	
07-01-04087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-04088	- Documentation	Set	2	
07-01-04089	False Floor – False Ceiling for switching room	Lot	1	
07-01-04090	SPARE PARTS	Lot	1	
07-01-04091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-04092	- Capacity 600 KVA	Set	2	
07-01-04093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-04094	- Spare Parts	Lot	1	
07-01-04095	- Documentation	Set	2	
07-01-04096	SERVICES	Lot	1	
07-01-04097	- Training abroad	Trainee	2	
07-01-04098	- Training in Iraq	Trainee	6	
07-01-04099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGES IN BAGHDAD

Site Name: ZAFARANIYA in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-05051	SWITCHING EQUIPMENT for 20050 subscriber lines and 150 E1 digital interface:	Lot	1	
07-01-05052	- Subscriber Connections	Lot	1	
07-01-05053	- Trunk equipment	Lot	1	
07-01-05054	- Tones and Signaling	Lot	1	
07-01-05055	- Control Processors	Lot	1	
07-01-05056	- Operation and Maintenance Processors	Lot	1	
07-01-05057	- Peripherals	Lot	1	
07-01-05058	- Racks and Ironworks	Lot	1	
07-01-05059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-05060	- Documentation	Set	2	
07-01-05061	POWER PLANT	Lot	1	
07-01-05062	- Operation and Maintenance Processors	Lot	1	
07-01-05063	- Peripherals	Lot	1	
07-01-05064	- 48V power supplies	Lot	1	
07-01-05065	- DC\DC Converters	Lot	1	
07-01-05066	- Inverters 2KVA	Set	2	
07-01-05067	- 48V Batteries, 6400 AH	Set	2	
07-01-05068	- Cables	Set	1	
07-01-05069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-05070	- Documentation	Set	1	
07-01-05071	AIR CONDITIONERS	Lot	1	
07-01-05072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-05073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-05074	- Documentation	Set	2	
07-01-05075	Main Distribution Frames	Lot	1	
07-01-05076	- Terminal Blocks	Lot	1	
07-01-05077	- Over voltage protection	Lot	1	
07-01-05078	- Over current protection	Lot	1	
07-01-05079	- Ironwork	Lot	1	
07-01-05080	- Installation tools	Lot	1	
07-01-05081	- Cables & Jumper wire	Lot	1	
07-01-05082	- Documentation	Set	2	
07-01-05083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-05084	- Detection units	Lot	1	
07-01-05085	- Control & Alarm Unit	Lot	1	
07-01-05086	- Manual Distinguishers	Lot	1	
07-01-05087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-05088	- Documentation	Set	2	
07-01-05089	False Floor – False Ceiling for switching room	Lot	1	
07-01-05090	SPARE PARTS	Lot	1	
07-01-05091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-05092	- Capacity 600 KVA	Set	2	
07-01-05093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-05094	- Spare Parts	Lot	1	
07-01-05095	- Documentation	Set	2	
07-01-05096	SERVICES	Lot	1	
07-01-05097	- Training abroad	Trainee	2	
07-01-05098	- Training in Iraq	Trainee	6	
07-01-05099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGES IN BAGHDAD

Site Name BAYA in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-06102	SWITCHING EQUIPMENT for 15000 subscriber lines	Lot	1	
07-01-06103	,200 E1 digital interface, Training Model and Repair Center:	Lot	1	
07-01-06104	- Subscriber Connections	Lot	1	
07-01-06105	- Trunk equipment	Lot	1	
07-01-06106	- Tones and Signaling	Lot	1	
07-01-06107	- Control Processors	Lot	1	
07-01-06108	- Operation and Maintenance Processors	Lot	1	
07-01-06109	- Peripherals	Lot	1	
07-01-06110	- Racks and Ironworks	Lot	1	
07-01-06111	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-06112	- Documentation	Set	2	
07-01-06112	POWER PLANT	Lot	1	
07-01-06113	- Operation and Maintenance Processors	Lot	1	
07-01-06114	- Peripherals	Lot	1	
07-01-06115	- 48V power supplies	Lot	1	
07-01-06116	- DC\DC Converters	Lot	1	
07-01-06117	- Inverters 2KVA	Set	4	
07-01-06118	- 48V Batteries, 6400 AH	Set	4	
07-01-06119	- Cables	Set	1	
07-01-06120	- Installation and Maintenance tools and Materials	Lot	1	
07-01-06121	- Documentation	Set	1	
07-01-06122	AIR CONDITIONERS	Lot	1	
07-01-06123	- 60 kW 50Hz, 220\380V	Set	5	
07-01-06124	- Installation and Maintenance tools and Materials	Lot	1	
07-01-06125	- Documentation	Set	2	
07-01-06126	Main Distribution Frames	Lot	1	
07-01-06127	- Terminal Blocks	Lot	1	
07-01-06128	- Over voltage protection	Lot	1	
07-01-06129	- Over current protection	Lot	1	
07-01-06130	- Ironwork	Lot	1	
07-01-06131	- Installation tools	Lot	1	
07-01-06132	- Cables & Jumper wire	Lot	1	
07-01-06133	- Documentation	Set	2	
07-01-06134	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-06135	- Detection units	Lot	1	
07-01-06136	- Control & Alarm Unit	Lot	1	
07-01-06137	- Manual Distinguishers	Lot	1	
07-01-06138	- Installation and Maintenance tools and Materials	Lot	1	
07-01-06139	- Documentation	Set	2	
07-01-06140	False Floor – False Ceiling for switching room	Lot	1	
07-01-06141	SPARE PARTS	Lot	1	
07-01-06142	DIESEL ENGINE GENERATOR	Lot	1	
07-01-06143	- Capacity 600 KVA	Set	2	
07-01-06144	- Installation and Maintenance tools and Materials	Lot	1	
07-01-06145	- Spare Parts	Lot	1	
07-01-06146	- Documentation	Set	2	

Code	Item Description	Unit	Qty.	Complementary Items
07-01-06147	REPAIR CENTER EQUIPMENT:	Lot	1	
07-01-06148	- Subscriber Connections Tools	Lot	1	
07-01-06149	- Trunk equipment Tools	Lot	1	
07-01-06150	- Tones and Signaling Tools	Lot	1	
07-01-06151	- Control Processors Tools	Lot	1	
07-01-06152	- Peripherals Test Tools	Lot	1	
07-01-06153	- Measurement and Test Devices	Lot	1	
07-01-06154	- Soldering – Desoldering Tools	Lot	1	
07-01-06155	- Repair Components	Lot	1	
07-01-06156	- Programming Station	Lot	1	
07-01-06157	- Power Supply	Lot	1	
07-01-06158	- Spare Parts	Lot	1	
07-01-06159	- Installation and Maintenance tools and Materials	Lot	1	
07-01-06160	- Documentation	Set	2	
07-01-06161	SERVICES	Lot	1	
07-01-06162	- Training abroad	Trainee	4	
07-01-06163	- Training in Iraq	Trainee	10	
07-01-06164	- Supplier Experts(Supervisors or Trainer)	Expert	4	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD DIGITAL EXCHANGES IN BAGHDAD

Site Name: 14th JULY in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-07051	SWITCHING EQUIPMENT for 25000 subscriber lines and 200 E1 digital interface:	Lot	1	
07-01-07052	- Subscriber Connections	Lot	1	
07-01-07053	- Trunk equipment	Lot	1	
07-01-07054	- Tones and Signaling	Lot	1	
07-01-07055	- Control Processors	Lot	1	
07-01-07056	- Operation and Maintenance Processors	Lot	1	
07-01-07057	- Peripherals	Lot	1	
07-01-07058	- Racks and Ironworks	Lot	1	
07-01-07059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-07060	- Documentation	Set	2	
07-01-07061	POWER PLANT	Lot	1	
07-01-07062	- Operation and Maintenance Processors	Lot	1	
07-01-07063	- Peripherals	Lot	1	
07-01-07064	- 48V power supplies	Lot	1	
07-01-07065	- DC\DC Converters	Lot	1	
07-01-07066	- Inverters 2KVA	Set	2	
07-01-07067	- 48V Batteries, 6400 AH	Set	2	
07-01-07068	- Cables	Set	1	
07-01-07069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-07070	- Documentation	Set	1	
07-01-00071	AIR CONDITIONERS	Lot	1	
07-01-00072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-07073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-07074	- Documentation	Set	2	
07-01-07075	Main Distribution Frames	Lot	1	
07-01-07076	- Terminal Blocks	Lot	1	
07-01-07077	- Over voltage protection	Lot	1	
07-01-07078	- Over current protection	Lot	1	
07-01-07079	- Ironwork	Lot	1	
07-01-07080	- Installation tools	Lot	1	
07-01-07081	- Cables & Jumper wire	Lot	1	
07-01-07082	- Documentation	Set	2	
07-01-07083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-07084	- Detection units	Lot	1	
07-01-07085	- Control & Alarm Unit	Lot	1	
07-01-07086	- Manual Distinguishers	Lot	1	
07-01-07087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-07088	- Documentation	Set	2	
07-01-07089	False Floor – False Ceiling for switching room	Lot	1	
07-01-07090	SPARE PARTS	Lot	1	
07-01-07091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-07092	- Capacity 602 KVA	Set	2	
07-01-07093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-07094	- Spare Parts	Lot	1	
07-01-07095	- Documentation	Set	2	
07-01-07096	SERVICES	Lot	1	
07-01-07097	- Training abroad	Trainee	2	
07-01-07098	- Training in Iraq	Trainee	6	
07-01-07099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD DIGITA EXCHANGES IN BAGHDAD

Site Name: SALIHIYA in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-01-08051	SWITCHING EQUIPMENT for 25000 subscriber lines and 200 E1 digital interface:	Lot	1	
07-01-08052	- Subscriber Connections	Lot	1	
07-01-08053	- Trunk equipment	Lot	1	
07-01-08054	- Tones and Signaling	Lot	1	
07-01-08055	- Control Processors	Lot	1	
07-01-08056	- Operation and Maintenance Processors	Lot	1	
07-01-08057	- Peripherals	Lot	1	
07-01-08058	- Racks and Ironworks	Lot	1	
07-01-08059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-08060	- Documentation	Set	2	
07-01-08061	POWER PLANT	Lot	1	
07-01-08062	- Operation and Maintenance Processors	Lot	1	
07-01-08063	- Peripherals	Lot	1	
07-01-08064	- 48V power supplies	Lot	1	
07-01-08065	- DC\DC Converters	Lot	1	
07-01-08066	- Inverters 2KVA	Set	2	
07-01-08067	- 48V Batteries, 6400 AH	Set	2	
07-01-08068	- Cables	Set	1	
07-01-08069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-08070	- Documentation	Set	1	
07-01-08071	AIR CONDITIONERS	Lot	1	
07-01-08072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-08073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-08074	- Documentation	Set	2	
07-01-08075	Main Distribution Frames	Lot	1	
07-01-08076	- Terminal Blocks	Lot	1	
07-01-08077	- Over voltage protection	Lot	1	
07-01-08078	- Over current protection	Lot	1	
07-01-08079	- Ironwork	Lot	1	
07-01-08080	- Installation tools	Lot	1	
07-01-08081	- Cables & Jumper wire	Lot	1	
07-01-08082	- Documentation	Set	2	
07-01-08083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-08084	- Detection units	Lot	1	
07-01-08085	- Control & Alarm Unit	Lot	1	
07-01-08086	- Manual Distinguishers	Lot	1	
07-01-08087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-08088	- Documentation	Set	2	
07-01-08089	False Floor – False Ceiling for switching room	Lot	1	
07-01-08090	SPARE PARTS	Lot	1	
07-01-08091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-08092	- Capacity 600 KVA	Set	2	
07-01-08093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-08094	- Spare Parts	Lot	1	
07-01-08095	- Documentation	Set	2	
07-01-08096	SERVICES	Lot	1	
07-01-08097	- Training abroad	Trainee	2	
07-01-08098	- Training in Iraq	Trainee	6	
07-01-08099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGE IN BASRAH

Site Name: BAB AL-ZUBAIR in BASRAH

Code	Item Description	Unit	Qty.	Complementary Items
07-01-09051	SWITCHING EQUIPMENT for 15000 subscriber lines and 100 E1 digital interface:	Lot	1	
07-01-09052	- Subscriber Connections	Lot	1	
07-01-09053	- Trunk equipment	Lot	1	
07-01-09054	- Tones and Signaling	Lot	1	
07-01-09055	- Control Processors	Lot	1	
07-01-09056	- Operation and Maintenance Processors	Lot	1	
07-01-09057	- Peripherals	Lot	1	
07-01-09058	- Racks and Ironworks	Lot	1	
07-01-09059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-09060	- Documentation	Set	2	
07-01-09061	POWER PLANT	Lot	1	
07-01-09062	- Operation and Maintenance Processors	Lot	1	
07-01-09063	- Peripherals	Lot	1	
07-01-09064	- 48V power supplies	Lot	1	
07-01-09065	- DC\DC Converters	Lot	1	
07-01-09066	- Inverters 2KVA	Set	2	
07-01-09067	- 48V Batteries, 6400 AH	Set	2	
07-01-09068	- Cables	Set	1	
07-01-09069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-09070	- Documentation	Set	1	
07-01-09071	AIR CONDITIONERS	Lot	1	
07-01-09072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-09073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-09074	- Documentation	Set	2	
07-01-09075	Main Distribution Frames	Lot	1	
07-01-09076	- Terminal Blocks	Lot	1	
07-01-09077	- Over voltage protection	Lot	1	
07-01-09078	- Over current protection	Lot	1	
07-01-09079	- Ironwork	Lot	1	
07-01-09080	- Installation tools	Lot	1	
07-01-09081	- Cables & Jumper wire	Lot	1	
07-01-09082	- Documentation	Set	2	
07-01-09083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-09084	- Detection units	Lot	1	
07-01-09085	- Control & Alarm Unit	Lot	1	
07-01-09086	- Manual Distinguishers	Lot	1	
07-01-09087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-09088	- Documentation	Set	2	
07-01-09089	False Floor – False Ceiling for switching room	Lot	1	
07-01-09090	SPARE PARTS	Lot	1	
07-01-09091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-09092	- Capacity 600 KVA	Set	2	
07-01-09093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-09094	- Spare Parts	Lot	1	
07-01-09095	- Documentation	Set	2	
07-01-09096	SERVICES	Lot	1	
07-01-09097	- Training abroad	Trainee	2	
07-01-09098	- Training in Iraq	Trainee	6	
07-01-09099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGE IN MEESAN

Site Name: AMARAH in MEESAN

Code	Item Description	Unit	Qty.	Complementary Items
07-01-10051	SWITCHING EQUIPMENT for 15000 subscriber lines and 120 E1 digital interface:	Lot	1	
07-01-10052	- Subscriber Connections	Lot	1	
07-01-10053	- Trunk equipment	Lot	1	
07-01-10054	- Tones and Signaling	Lot	1	
07-01-10055	- Control Processors	Lot	1	
07-01-10056	- Operation and Maintenance Processors	Lot	1	
07-01-10057	- Peripherals	Lot	1	
07-01-10058	- Racks and Ironworks	Lot	1	
07-01-10059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-10060	- Documentation	Set	2	
07-01-10061	POWER PLANT	Lot	1	
07-01-10062	- Operation and Maintenance Processors	Lot	1	
07-01-10063	- Peripherals	Lot	1	
07-01-10064	- 48V power supplies	Lot	1	
07-01-10065	- DC\DC Converters	Lot	1	
07-01-10066	- Inverters 2KVA	Set	2	
07-01-10067	- 48V Batteries, 6400 AH	Set	2	
07-01-10068	- Cables	Set	1	
07-01-10069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-10070	- Documentation	Set	1	
07-01-10071	AIR CONDITIONERS	Lot	1	
07-01-10072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-10073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-10074	- Documentation	Set	2	
07-01-10075	Main Distribution Frames	Lot	1	
07-01-10076	- Terminal Blocks	Lot	1	
07-01-10077	- Over voltage protection	Lot	1	
07-01-10078	- Over current protection	Lot	1	
07-01-10079	- Ironwork	Lot	1	
07-01-10080	- Installation tools	Lot	1	
07-01-10081	- Cables & Jumper wire	Lot	1	
07-01-10082	- Documentation	Set	2	
07-01-10083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-10084	- Detection units	Lot	1	
07-01-10085	- Control & Alarm Unit	Lot	1	
07-01-10086	- Manual Distinguishers	Lot	1	
07-01-10087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-10088	- Documentation	Set	2	
07-01-10089	False Floor – False Ceiling for switching room	Lot	1	
07-01-10090	SPARE PARTS	Lot	1	
07-01-10091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-10092	- Capacity 600 KVA	Set	2	
07-01-10093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-10094	- Spare Parts	Lot	1	
07-01-10095	- Documentation	Set	2	
07-01-10096	SERVICES	Lot	1	
07-01-10097	- Training abroad	Trainee	2	
07-01-10098	- Training in Iraq	Trainee	6	
07-01-10099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD DIGITAL EXCHANGE IN WASIT

Site Name: KUT in WASIT

Code	Item Description	Unit	Qty.	Complementary Items
07-01-11051	SWITCHING EQUIPMENT for 15000 subscriber lines and 120 E1 digital interface:	Lot	1	
07-01-11052	- Subscriber Connections	Lot	1	
07-01-11053	- Trunk equipment	Lot	1	
07-01-11054	- Tones and Signaling	Lot	1	
07-01-11055	- Control Processors	Lot	1	
07-01-11056	- Operation and Maintenance Processors	Lot	1	
07-01-11057	- Peripherals	Lot	1	
07-01-11058	- Racks and Ironworks	Lot	1	
07-01-11059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-11060	- Documentation	Set	2	
07-01-11061	POWER PLANT	Lot	1	
07-01-11062	- Operation and Maintenance Processors	Lot	1	
07-01-11063	- Peripherals	Lot	1	
07-01-11064	- 48V power supplies	Lot	1	
07-01-11065	- DC\DC Converters	Lot	1	
07-01-11066	- Inverters 2KVA	Set	2	
07-01-11067	- 48V Batteries, 6400 AH	Set	2	
07-01-11068	- Cables	Set	1	
07-01-11069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-11070	- Documentation	Set	1	
07-01-11071	AIR CONDITIONERS	Lot	1	
07-01-11072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-11073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-11074	- Documentation	Set	2	
07-01-11075	Main Distribution Frames	Lot	1	
07-01-11076	- Terminal Blocks	Lot	1	
07-01-11077	- Over voltage protection	Lot	1	
07-01-11078	- Over current protection	Lot	1	
07-01-11079	- Ironwork	Lot	1	
07-01-11080	- Installation tools	Lot	1	
07-01-11081	- Cables & Jumper wire	Lot	1	
07-01-11082	- Documentation	Set	2	
07-01-11083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-11084	- Detection units	Lot	1	
07-01-11085	- Control & Alarm Unit	Lot	1	
07-01-11086	- Manual Distinguishers	Lot	1	
07-01-11087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-11088	- Documentation	Set	2	
07-01-11089	False Floor – False Ceiling for switching room	Lot	1	
07-01-11090	SPARE PARTS	Lot	1	
07-01-11091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-11092	- Capacity 600 KVA	Set	2	
07-01-11093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-11094	- Spare Parts	Lot	1	
07-01-11095	- Documentation	Set	2	
07-01-11096	SERVICES	Lot	1	
07-01-11097	- Training abroad	Trainee	2	
07-01-11098	- Training in Iraq	Trainee	6	
07-01-11099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGE IN DIYALA

Site Name: BAQUBA in DIYALA

Code	Item Description	Unit	Qty.	Complementary Items
07-01-12051	SWITCHING EQUIPMENT for 15000 subscriber lines and 120 E1 digital interface:	Lot	1	
07-01-12052	- Subscriber Connections	Lot	1	
07-01-12053	- Trunk equipment	Lot	1	
07-01-12054	- Tones and Signaling	Lot	1	
07-01-12055	- Control Processors	Lot	1	
07-01-12056	- Operation and Maintenance Processors	Lot	1	
07-01-12057	- Peripherals	Lot	1	
07-01-12058	- Racks and Ironworks	Lot	1	
07-01-12059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-12060	- Documentation	Set	2	
07-01-12061	POWER PLANT	Lot	1	
07-01-12062	- Operation and Maintenance Processors	Lot	1	
07-01-12063	- Peripherals	Lot	1	
07-01-12064	- 48V power supplies	Lot	1	
07-01-12065	- DC\DC Converters	Lot	1	
07-01-12066	- Inverters 2KVA	Set	2	
07-01-12067	- 48V Batteries, 6400 AH	Set	2	
07-01-12068	- Cables	Set	1	
07-01-12069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-12070	- Documentation	Set	1	
07-01-12071	AIR CONDITIONERS	Lot	1	
07-01-12072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-12073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-12074	- Documentation	Set	2	
07-01-12075	Main Distribution Frames	Lot	1	
07-01-12076	- Terminal Blocks	Lot	1	
07-01-12077	- Over voltage protection	Lot	1	
07-01-12078	- Over current protection	Lot	1	
07-01-12079	- Ironwork	Lot	1	
07-01-12080	- Installation tools	Lot	1	
07-01-12081	- Cables & Jumper wire	Lot	1	
07-01-12082	- Documentation	Set	2	
07-01-12083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-12084	- Detection units	Lot	1	
07-01-12085	- Control & Alarm Unit	Lot	1	
07-01-12086	- Manual Distinguishers	Lot	1	
07-01-12087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-12088	- Documentation	Set	2	
07-01-12089	False Floor – False Ceiling for switching room	Lot	1	
07-01-12090	SPARE PARTS	Lot	1	
07-01-12091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-12092	- Capacity 600 KVA	Set	2	
07-01-12093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-12094	- Spare Parts	Lot	1	
07-01-12095	- Documentation	Set	2	
07-01-12096	SERVICES	Lot	1	
07-01-12097	- Training abroad	Trainee	2	
07-01-12098	- Training in Iraq	Trainee	6	
07-01-12099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGE IN ANBAR

Site Name: RAMADI in ANBAR

Code	Item Description	Unit	Qty.	Complementary Items
07-01-13051	SWITCHING EQUIPMENT for 15000 subscriber lines and 120 E1 digital interface:	Lot	1	
07-01-13052	- Subscriber Connections	Lot	1	
07-01-13053	- Trunk equipment	Lot	1	
07-01-13054	- Tones and Signaling	Lot	1	
07-01-13055	- Control Processors	Lot	1	
07-01-13056	- Operation and Maintenance Processors	Lot	1	
07-01-13057	- Peripherals	Lot	1	
07-01-13058	- Racks and Ironworks	Lot	1	
07-01-13059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-13060	- Documentation	Set	2	
07-01-13061	POWER PLANT	Lot	1	
07-01-13062	- Operation and Maintenance Processors	Lot	1	
07-01-13063	- Peripherals	Lot	1	
07-01-13064	- 48V power supplies	Lot	1	
07-01-13065	- DC\DC Converters	Lot	1	
07-01-13066	- Inverters 2KVA	Set	2	
07-01-13067	- 48V Batteries, 6400 AH	Set	2	
07-01-13068	- Cables	Set	1	
07-01-13069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-13070	- Documentation	Set	1	
07-01-13071	AIR CONDITIONERS	Lot	1	
07-01-13072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-13073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-13074	- Documentation	Set	2	
07-01-13075	Main Distribution Frames	Lot	1	
07-01-13076	- Terminal Blocks	Lot	1	
07-01-13077	- Over voltage protection	Lot	1	
07-01-13078	- Over current protection	Lot	1	
07-01-13079	- Ironwork	Lot	1	
07-01-13080	- Installation tools	Lot	1	
07-01-13081	- Cables & Jumper wire	Lot	1	
07-01-13082	- Documentation	Set	2	
07-01-13083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-13084	- Detection units	Lot	1	
07-01-13085	- Control & Alarm Unit	Lot	1	
07-01-13086	- Manual Distinguishers	Lot	1	
07-01-13087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-13088	- Documentation	Set	2	
07-01-13089	False Floor – False Ceiling for switching room	Lot	1	
07-01-13090	SPARE PARTS	Lot	1	
07-01-13091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-13092	- Capacity 600 KVA	Set	2	
07-01-13093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-13094	- Spare Parts	Lot	1	
07-01-13095	- Documentation	Set	2	
07-01-13096	SERVICES	Lot	1	
07-01-13097	- Training abroad	Trainee	2	
07-01-13098	- Training in Iraq	Trainee	6	
07-01-13099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

ANNEX SEVEN/ TRANSPORT & COMMUNICATIONS / TELECOMMUNICATIONS

Sub-sector: REPLACEMENT OF OLD CROSSBAR EXCHANGE IN SEVENVA

Site Name: MOSUL in SEVENVA

Code	Item Description	Unit	Qty.	Complementary Items
07-01-14051	SWITCHING EQUIPMENT for 15000 subscriber lines and 120 E1 digital interface:	Lot	1	
07-01-14052	- Subscriber Connections	Lot	1	
07-01-14053	- Trunk equipment	Lot	1	
07-01-14054	- Tones and Signaling	Lot	1	
07-01-14055	- Control Processors	Lot	1	
07-01-14056	- Operation and Maintenance Processors	Lot	1	
07-01-14057	- Peripherals	Lot	1	
07-01-14058	- Racks and Ironworks	Lot	1	
07-01-14059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-01-14060	- Documentation	Set	2	
07-01-14061	POWER PLANT	Lot	1	
07-01-14062	- Operation and Maintenance Processors	Lot	1	
07-01-14063	- Peripherals	Lot	1	
07-01-14064	- 48V power supplies	Lot	1	
07-01-14065	- DC\DC Converters	Lot	1	
07-01-14066	- Inverters 2KVA	Set	2	
07-01-14067	- 48V Batteries, 6400 AH	Set	2	
07-01-14068	- Cables	Set	1	
07-01-14069	- Installation and Maintenance tools and Materials	Lot	1	
07-01-14070	- Documentation	Set	1	
07-01-14071	AIR CONDITIONERS	Lot	1	
07-01-14072	- 60 kW 50Hz, 220\380V	Set	3	
07-01-14073	- Installation and Maintenance tools and Materials	Lot	1	
07-01-14074	- Documentation	Set	2	
07-01-14075	Main Distribution Frames	Lot	1	
07-01-14076	- Terminal Blocks	Lot	1	
07-01-14077	- Over voltage protection	Lot	1	
07-01-14078	- Over current protection	Lot	1	
07-01-14079	- Ironwork	Lot	1	
07-01-14080	- Installation tools	Lot	1	
07-01-14081	- Cables & Jumper wire	Lot	1	
07-01-14082	- Documentation	Set	2	
07-01-14083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-01-14084	- Detection units	Lot	1	
07-01-14085	- Control & Alarm Unit	Lot	1	
07-01-14086	- Manual Distinguishers	Lot	1	
07-01-14087	- Installation and Maintenance tools and Materials	Lot	1	
07-01-14088	- Documentation	Set	2	
07-01-14089	False Floor – False Ceiling for switching room	Lot	1	
07-01-14090	SPARE PARTS	Lot	1	
07-01-14091	DIESEL ENGINE GENERATOR	Lot	1	
07-01-14092	- Capacity 600 KVA	Set	2	
07-01-14093	- Installation and Maintenance tools and Materials	Lot	1	
07-01-14094	- Spare Parts	Lot	1	
07-01-14095	- Documentation	Set	2	
07-01-14096	SERVICES	Lot	1	
07-01-14097	- Training abroad	Trainee	2	
07-01-14098	- Training in Iraq	Trainee	6	
07-01-14099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months