

ANNEX SEVEN / Telecommunications

Sub-sector: REPLACEMENT OF EXCHANGES IN BAGHDAD

Site Name: ALWIYA in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-05-00001	SWITCHING EQUIPMENT for 30000 subscriber lines and 250 E1 digital interface:	Lot	1	
07-05-00002	- Subscriber Connections	Lot	1	
07-05-00003	- Trunk equipment	Lot	1	
07-05-00004	- Tones and Signaling	Lot	1	
07-05-00005	- Control Processors	Lot	1	
07-05-00006	- Operation and Maintenance Processors	Lot	1	
07-05-00007	- Peripherals	Lot	1	
07-05-00008	- Racks and Ironworks	Lot	1	
07-05-00009	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-05-00010	- Documentation	Set	2	
07-05-00011	POWER PLANT	Lot	1	
07-05-00012	- Operation and Maintenance Processors	Lot	1	
07-05-00013	- Peripherals	Lot	1	
07-05-00014	- 48V power supplies	Lot	1	
07-05-00015	- DC\DC Converters	Lot	1	
07-05-00016	- Inverters 2KVA	Set	2	
07-05-00017	- 48V Batteries, 6400 AH	Set	2	
07-05-00018	- Cables	Set	1	
07-05-00019	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00020	- Documentation	Set	1	
07-05-00021	AIR CONDITIONERS	Lot	1	
07-05-00022	- 60 kW 50Hz, 220\380V	Set	3	
07-05-00023	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00024	- Documentation	Set	2	
07-05-00025	Main Distribution Frames	Lot	1	
07-05-00026	- Terminal Blocks	Lot	1	
07-05-00027	- Over voltage protection	Lot	1	
07-05-00028	- Over current protection	Lot	1	
07-05-00029	- Ironwork	Lot	1	
07-05-00030	- Installation tools	Lot	1	
07-05-00031	- Cables & Jumper wire	Lot	1	
07-05-00032	- Documentation	Set	2	
07-05-00033	FIRE PROTECTION EQUIPMENT	Lot	1	
07-05-00034	- Detection units	Lot	1	
07-05-00035	- Control & Alarm Unit	Lot	1	
07-05-00036	- Manual Distinguishers	Lot	1	
07-05-00037	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00038	- Documentation	Set	2	
07-05-00039	False Floor – False Ceiling for switching room	Lot	1	
07-05-00040	SPARE PARTS	Lot	1	
07-05-00041	DIESEL ENGINE GENERATOR	Lot	1	
07-05-00042	- Capacity 600 KVA	Set	2	
07-05-00043	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00044	- Spare Parts	Lot	1	
07-05-00045	- Documentation	Set	2	
07-05-00046	SERVICES	Lot	1	
07-05-00047	- Training abroad	Trainee	2	
07-05-00048	- Training in Iraq	Trainee	6	
07-05-00049	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

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Sub-sector: REPLACEMENT OF EXCHANGES IN BAGHDAD

Site Name: DHUBBAT in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-05-00051	SWITCHING EQUIPMENT for 25000 subscriber lines and 200 E1 digital interface:	Lot	1	
07-05-00052	- Subscriber Connections	Lot	1	
07-05-00053	- Trunk equipment	Lot	1	
07-05-00054	- Tones and Signaling	Lot	1	
07-05-00055	- Control Processors	Lot	1	
07-05-00056	- Operation and Maintenance Processors	Lot	1	
07-05-00057	- Peripherals	Lot	1	
07-05-00058	- Racks and Ironworks	Lot	1	
07-05-00059	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-05-00060	- Documentation	Set	2	
07-05-00061	POWER PLANT	Lot	1	
07-05-00062	- Operation and Maintenance Processors	Lot	1	
07-05-00063	- Peripherals	Lot	1	
07-05-00064	- 48V power supplies	Lot	1	
07-05-00065	- DC\DC Converters	Lot	1	
07-05-00066	- Inverters 2KVA	Set	2	
07-05-00067	- 48V Batteries, 6400 AH	Set	2	
07-05-00068	- Cables	Set	1	
07-05-00069	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00070	- Documentation	Set	1	
07-05-00071	AIR CONDITIONERS	Lot	1	
07-05-00072	- 60 kW 50Hz, 220\380V	Set	3	
07-05-00073	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00074	- Documentation	Set	2	
07-05-00075	Main Distribution Frames	Lot	1	
07-05-00076	- Terminal Blocks	Lot	1	
07-05-00077	- Over voltage protection	Lot	1	
07-05-00078	- Over current protection	Lot	1	
07-05-00079	- Ironwork	Lot	1	
07-05-00080	- Installation tools	Lot	1	
07-05-00081	- Cables & Jumper wire	Lot	1	
07-05-00082	- Documentation	Set	2	
07-05-00083	FIRE PROTECTION EQUIPMENT	Lot	1	
07-05-00084	- Detection units	Lot	1	
07-05-00085	- Control & Alarm Unit	Lot	1	
07-05-00086	- Manual Distinguishers	Lot	1	
07-05-00087	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00088	- Documentation	Set	2	
07-05-00089	False Floor – False Ceiling for switching room	Lot	1	
07-05-00090	SPARE PARTS	Lot	1	
07-05-00091	DIESEL ENGINE GENERATOR	Lot	1	
07-05-00092	- Capacity 600 KVA	Set	2	
07-05-00093	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00094	- Spare Parts	Lot	1	
07-05-00095	- Documentation	Set	2	
07-05-00096	SERVICES	Lot	1	
07-05-00097	- Training abroad	Trainee	2	
07-05-00098	- Training in Iraq	Trainee	6	
07-05-00099	- Supplier Experts(Supervisors or Trainer)	Expert	2	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months

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Sub-sector: REPLACEMENT OF EXCHANGES IN BAGHDAD

Site Name BAB-AL-MUADAM in BAGHDAD

Code	Item Description	Unit	Qty.	Complementary Items
07-05-00102	SWITCHING EQUIPMENT for 25000 subscriber lines ,200 E1 digital interface, Training Model and Repair Center:	Lot	1	
07-05-00103	- Subscriber Connections	Lot	1	
07-05-00104	- Trunk equipment	Lot	1	
07-05-00105	- Tones and Signaling	Lot	1	
07-05-00106	- Control Processors	Lot	1	
07-05-00107	- Operation and Maintenance Processors	Lot	1	
07-05-00108	- Peripherals	Lot	1	
07-05-00109	- Racks and Ironworks	Lot	1	
07-05-00110	- Installation and Maintenance tools, Materials and Facilities	Lot	1	
07-05-00111	- Documentation	Set	2	
07-05-00112	POWER PLANT	Lot	1	
07-05-00113	- Operation and Maintenance Processors	Lot	1	
07-05-00114	- Peripherals	Lot	1	
07-05-00115	- 48V power supplies	Lot	1	
07-05-00116	- DC\DC Converters	Lot	1	
07-05-00117	- Inverters 2KVA	Set	4	
07-05-00118	- 48V Batteries, 6400 AH	Set	4	
07-05-00119	- Cables	Set	1	
07-05-00120	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00121	- Documentation	Set	1	
07-05-00122	AIR CONDITIONERS	Lot	1	
07-05-00123	- 60 kW 50Hz, 220\380V	Set	5	
07-05-00124	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00125	- Documentation	Set	2	
07-05-00126	Main Distribution Frames	Lot	1	
07-05-00127	- Terminal Blocks	Lot	1	
07-05-00128	- Over voltage protection	Lot	1	
07-05-00129	- Over current protection	Lot	1	
07-05-00130	- Ironwork	Lot	1	
07-05-00131	- Installation tools	Lot	1	
07-05-00132	- Cables & Jumper wire	Lot	1	
07-05-00133	- Documentation	Set	2	
07-05-00134	FIRE PROTECTION EQUIPMENT	Lot	1	
07-05-00135	- Detection units	Lot	1	
07-05-00136	- Control & Alarm Unit	Lot	1	
07-05-00137	- Manual Distinguishers	Lot	1	
07-05-00138	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00139	- Documentation	Set	2	
07-05-00140	False Floor – False Ceiling for switching room	Lot	1	
07-05-00141	SPARE PARTS	Lot	1	
07-05-00142	DIESEL ENGINE GENERATOR	Lot	1	
07-05-00143	- Capacity 600 KVA	Set	2	
07-05-00144	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00145	- Spare Parts	Lot	1	
07-05-00146	- Documentation	Set	2	

Code	Item Description	Unit	Qty.	Complementary Items
07-05-00147	REPAIR CENTER EQUIPMENT:	Lot	1	
07-05-00148	- Subscriber Connections Tools	Lot	1	
07-05-00149	- Trunk equipment Tools	Lot	1	
07-05-00150	- Tones and Signaling Tools	Lot	1	
07-05-00151	- Control Processors Tools	Lot	1	
07-05-00152	- Peripherals Test Tools	Lot	1	
07-05-00153	- Measurement and Test Devices	Lot	1	
07-05-00154	- Soldering – Desoldering Tools	Lot	1	
07-05-00155	- Repair Components	Lot	1	
07-05-00156	- Programming Station	Lot	1	
07-05-00157	- Power Supply	Lot	1	
07-05-00158	- Spare Parts	Lot	1	
07-05-00159	- Installation and Maintenance tools and Materials	Lot	1	
07-05-00160	- Documentation	Set	2	
07-05-00161	SERVICES	Lot	1	
07-05-00162	- Training abroad	Trainee	4	
07-05-00163	- Training in Iraq	Trainee	10	
07-05-00164	- Supplier Experts(Supervisors or Trainer)	Expert	4	

Expected Delivery Time: 5 Months

Expected Implementation Time: 6 Months