

SECTOR: Telecommunications
Subsector: FOUR DIGITAL HIGH CAPACITY MICROWAVE
LINKS FOR ABU-GRAIB & GURMA & GAZLANI

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
	1- Site - Name : Sinek Ex		
07-08-00000	SDH Microwave Radio Equipment	1	Lot
07-08-00001	STM1,6GHZ (1+1), Radio Terminal. With Frequency Diversity / Space Diversity all complete.	1	Set
07-08-00002	128 QAM Modems Modules.	2	Set
07-08-00003	Protection Switch.	1	Set
07-08-00004	Engineering order wire channel.	1	Set
07-08-00005	2Mb/s auxiliary traffic.	1	Set
07-08-00006	Interface to central Network management.	1	Set
07-08-00007	Peripherals (Lap Top PC , etc.....)	1	Set
07-08-00008	Rack with 48V. d/c unit (duplicated).	2	Set
07-08-00009	Maintenance tools	1	Set
07-08-00010	parts & Spare units.	1	lot
07-08-00011	Documentation	1	Set
07-08-00019	Microwave Antennas	1	lot
07-08-00020	Parabolic Dish (2.4m or 3m diameter).	1	Set
07-08-00021	Antenna Radiation Element with (V&H) Ports.	1	Set
07-08-00022	Connector Flanges.	1	Set
07-08-00023	Tower Attachment.	2	Set
07-08-00024	Maintenance tools	1	Set
07-08-00029	Microwave Feeders	1	Lot
07-08-00030	Elliptical waveguide for 6 GHZ band .	100	Meter
07-08-00031	Medium capacity dehydrator.	1	Unit
07-08-00032	Pressure Window.	1	Unit
07-08-00033	Fixture clamps.	1	Set
07-08-00034	Earthing Kits.	1	Set
07-08-00035	Installation materials & tools.	1	Set
07-08-00036	DC Power Plant	1	Set
07-08-00039	Modular switched rectifier system 48V/30Ampere module (1+1)	1	Lot
07-08-00040	48V,200AH LeadAcid SealedBatteries(2sets).	1	lot
07-08-00041	Cabinet.	2	Lot
07-08-00042	Installation materials , cables, tools.	1	Set
07-08-00043	Air Conditioners	1	Set
07-08-00044	Duplicate 24000 BTU Unit.	2	Set
07-08-00049	Spare parts & PCB's.	0	lot
07-08-00050	SDH Multiplex Equipment	1	Set
07-08-00051	Documentation	1	set
07-08-00052	STM-4 Mutliplexer Subrack with redundant common	0	Set
07-08-00053	STM-1 Mutliplexer Subrack with redundant common	1	Set
07-08-00059	Tributary Cards ,21x2Mb/s)	3	Lot
07-08-00060	Access & Connection Modules.	0	Set
07-08-00061	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00062	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	1	Set
07-08-00063		0	Set
07-08-00064	Auxiliary/Engineering order wire.	1	Set
07-08-00065	Telephone Handset.	1	Set
07-08-00066	Installation materials & tools.	0	Set
07-08-00067	Racks with power supply unit (duplicated)and cable head.	3	Set
07-08-00069	Digital Distribution Frames.	3	lot
07-08-00070	Primary Multiplex (PCM-30CH) Subrack with common units & channel PCB's of different	10	Set
07-08-00071	Equipment craft terminal for programmed Control and display with operation software	1	Set
07-08-00072	Spare parts & Spare units.	0	Set
07-08-00073	Installation materials & tools.	0	Set
07-08-00074	Installation materials & tools.	0	lot
07-08-00075	Documentation.	0	unit

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00076	Network Management Equipment	0	Set
07-08-00077	Central Network Management System software	0	lot
07-08-00078	Local Network	0	lot
07-08-00079	Modiation , Interface and connection cards	0	Set
07-08-00080	Documentation	0	Set
07-08-00081	Test Instruments	1	Set
07-08-00082	Digital Multimeter.	1	unit
07-08-00083	Frequency Counter .	1	lot
07-08-00084	Power Meter .	1	lot
07-08-00085	PCM Multiplex Tester .	1	Set
07-08-00089	RF Sweep Generator .	0	lot
07-08-00090	VSWR Test Set.	0	lot
07-08-00091	RF Spectrum Analyzer.	0	Set
07-08-00092	SDH Analyzer for STM-1	0	lot
07-08-00093	TX / RX MW Link Analyzer .	0	lot
07-08-00094	PDH Analyzer (2Mb/s)	0	lot
07-08-00095	Oscilloscope 500 MHZ Dual channel.	0	Set
07-08-00096	Vedio Test Set.	0	Lot
07-08-00097	RF Attenuators Fixed & Variable (0-60)DB.	0	Set
07-08-00098	cables & Adapters.	0	Set
07-08-00099	waveguide / Coax. Adapters.	0	Set
07-08-00100	Documentation	0	Set
07-08-00101	Specific Tools	0	Set
07-08-00102	20 Ton Lorry with crane & winch	0	Set
07-08-00103	Specific Maintenance tools	0	Set
07-08-00104	Station tools	1	Set
07-08-00105	Special tools for waveguide.	0	Set
07-08-00106	Installation tools.	0	Set
07-08-00107	Services	1	Set
07-08-00108	Factory Training Abroad.	1	Set
07-08-00109	Training In Iraq.	2	Set
07-08-00110	Supervision Services (Supplier Expert)	1	Set
07-08-00111			
07-08-00119			
07-08-00120			
07-08-00121			
07-08-00122	2-SITE-ABU-GRAIB EX		
07-08-00123	SDH Microwave Radio Equipment	1	Lot
07-08-00124	STM1,6GHZ (1+1), Radio Terminal. With Frequency Diversity / Space Diversity all complete.	1	Set
07-08-00129	128 QAM Modems Modules.	2	Set
07-08-00130	Protection Switch.	1	Set
07-08-00131	Engineering order wire channel.	1	Set
07-08-00132	2Mb/s auxiliary traffic.	1	Set
07-08-00133	Interface to central Network management.	1	Set
07-08-00134	Peripherals (Lap Top PC , etc.....)	1	Set
07-08-00135	Rack with 48V. d/c unit (duplicated).	2	Set
07-08-00136	Maintenance tools	1	Set
07-08-00139	parts & Spare units.	1	lot
07-08-00140	Documentation	1	Set
07-08-00141	Microwave Antennas	1	lot
07-08-00142	Parabolic Dish (2.4m or 3m diameter).	1	Set
07-08-00143	Antenna Radiation Element with (V&H) Ports.	1	Set
07-08-00144	Connector Flanges.	1	Set
07-08-00149	Tower Attachment.	2	Set
07-08-00150	Maintenance tools	1	Set
07-08-00151	Microwave Feeders	1	Lot
07-08-00152	Elliptical waveguide for 6 GHZ band .	100	Meter
07-08-00153	Medium capacity dehydrator.	1	Unit
07-08-00159	Pressure Window.	1	Unit
07-08-00160	Fixture clamps.	1	Set
07-08-00161	Earthing Kits.	1	Set
07-08-00162	Installation materials & tools.	1	Set
07-08-00163	DC Power Plant	1	Set

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00164	Modular switched rectifier system 48V/30Ampere module (1+1)	1	Lot
07-08-00165	48V,200AH LeadAcid SealedBatteries(2sets).	1	lot
07-08-00166	Cabinet.	2	Lot
07-08-00167	Installation materials , cables, tools.	1	Set
07-08-00169	Air Conditioners	1	Set
07-08-00170	Duplicate 24000 BTU Unit.	2	Set
07-08-00171	Spare parts & PCB's.	0	lot
07-08-00172	SDH Multiplex Equipment	1	Set
07-08-00173	Documentation	1	set
07-08-00174	STM-4 Mutliplexer Subrack with redundant common	0	Set
07-08-00175	STM-1 Mutliplexer Subrack with redundant common	1	Set
07-08-00176	Tributary Cards ,21x2Mb/s)	3	Lot
07-08-00177	Access & Connection Modules.	0	Set
07-08-00178	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00179	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	1	Set
07-08-00180		0	Set
07-08-00181	Auxiliary/Engineering order wire.	1	Set
07-08-00182	Telephone Handset.	1	Set
07-08-00183	Installation materials & tools.	0	Set
07-08-00184	Racks with power supply unit (duplicated)and cable head.	3	Set
07-08-00185	Digital Distribution Frames.	3	lot
07-08-00189	Primary Multiplex (PCM-30CH) Subrack with common units & channel PCB's of different	10	Set
07-08-00190	Equipment craft terminal for programmed Control and display with operation software	1	Set
07-08-00191	Spare parts & Spare units.	0	Set
07-08-00192	Installation materials & tools.	0	Set
07-08-00193	Installation materials & tools.	0	lot
07-08-00194	Documentation.	0	unit
07-08-00195	Network Management Equipment	0	Set
07-08-00196	Central Network Management System software	0	lot
07-08-00197	Local Network	0	lot
07-08-00198	Modiation , Interface and connection cards	0	Set
07-08-00199	Documentation	0	Set
07-08-00300	Test Instruments	1	Set
07-08-00301	Digital Multimeter.	1	unit
07-08-00302	Frequency Counter .	1	lot
07-08-00303	Power Meter .	1	lot
07-08-00304	PCM Multiplex Tester .	1	Set
07-08-00305	RF Sweep Generator .	0	lot
07-08-00306	VSWR Test Set.	0	lot
07-08-00307	RF Spectrum Analyzer.	0	Set
07-08-00308	SDH Analyzer for STM-1	0	lot
07-08-00309	TX / RX MW Link Analyzer .	0	lot
07-08-00310	PDH Analyzer (2Mb/s)	0	lot
07-08-00311	Oscilloscope 500 MHZ Dual channel.	0	Set
07-08-00319	Vedio Test Set.	0	Lot
07-08-00320	RF Attenuators Fixed & Variable (0-60)DB.	0	Set
07-08-00321	cables & Adapters.	0	Set
07-08-00322	waveguide / Coax. Adapters.	0	Set
07-08-00323	Documentation	0	Set
07-08-00324	Specific Tools	0	Set
07-08-00329	20 Ton Lorry with crane & winch	0	Set
07-08-00330	Specific Maintenance tools	0	Set
07-08-00331	Station tools	1	Set
07-08-00332	Special tools for waveguide.	0	Set
07-08-00333	Installation tools.	0	Set
07-08-00334	Services	1	Set

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00335	Factory Training Abroad.	1	Set
07-08-00336	Training In Iraq.	2	Set
07-08-00339	Supervision Services (Supplier Expert)	1	Set
07-08-00340			
07-08-00341	3-GAZLANI EX		
07-08-00342	SDH Microwave Radio Equipment	1	Lot
07-08-00343	STM1,6GHZ (1+1), Radio Terminal. With Frequency Diversity / Space Diversity all complete.	1	Set
07-08-00344	128 QAM Modems Modules.	2	Set
07-08-00349	Protection Switch.	1	Set
07-08-00350	Engineering order wire channel.	1	Set
07-08-00351	2Mb/s auxiliary traffic.	1	Set
07-08-00352	Interface to central Network management.	1	Set
07-08-00353	Peripherals (Lap Top PC , etc.....)	1	Set
07-08-00359	Rack with 48V. d/c unit (duplicated).	2	Set
07-08-00360	Maintenance tools	1	Set
07-08-00361	parts & Spare units.	1	lot
07-08-00362	Documentation	1	Set
07-08-00363	Microwave Antennas	1	lot
07-08-00364	Parabolic Dish (2.4m or 3m diameter).	1	Set
07-08-00365	Antenna Radiation Element with (V&H) Ports.	1	Set
07-08-00366	Connector Flanges.	1	Set
07-08-00367	Tower Attachment.	1	Set
07-08-00369	Maintenance tools	0	Set
07-08-00370	Microwave Feeders	1	Lot
07-08-00371	Elliptical waveguide for 6 GHZ band .	100	Meter
07-08-00372	Medium capacity dehydrator.	1	Unit
07-08-00373	Pressure Window.	1	Unit
07-08-00374	Fixture clamps.	1	Set
07-08-00375	Earthing Kits.	1	Set
07-08-00376	Installation materials & tools.	1	Set
07-08-00377	DC Power Plant	1	Set
07-08-00378	Modular switched rectifier system 48V/30Ampere module (1+1)	1	Lot
07-08-00379	48V,1200AH LeadAcid SealedBatteries(2sets).	1	Set
07-08-00380	Cabinet.	2	Lot
07-08-00381	Installation materials , cables, tools.	1	Set
07-08-00382	Air Conditioners	1	Set
07-08-00383	Duplicate 24000 BTU Unit.	2	Set
07-08-00384	Spare parts & PCB's.	0	lot
07-08-00385	SDH Multiplex Equipment	1	Set
07-08-00389	Documentation	1	set
07-08-00390	STM-4 Mutliplexer Subrack with redundant common	0	Set
07-08-00391	STM-1 Mutliplexer Subrack with redundant common	1	Set
07-08-00392	Tributary Cards (,21x2Mb/s)	3	Lot
07-08-00393	Access & Connection Modules.	0	Set
07-08-00394	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00395	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00396	Full	0	Set
07-08-00397	Auxiliary/Engineering order wire.	1	Set
07-08-00398	Telephone Handset.	1	Set
07-08-00399	Installation materials & tools.	0	Set
07-08-00400	Racks with power supply unit (duplicated)and cable head.	3	Set
07-08-00401	Digital Distribution Frames.	1	lot
07-08-00402	Primary Multiplex (PCM-30CH) Subrack with common units & channel PCB's of different	10	Set
07-08-00403	Equipment craft terminal for programmed Control and display with operation software	1	Set
07-08-00404	Spare parts & Spare units.	0	Set
07-08-00405	Installation materials & tools.	0	Set
07-08-00406	Installation materials & tools.	0	lot
07-08-00407	Documentation.	0	unit
07-08-00408	Network Management Equipment	1	Set

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00409	Central Network Management System software	0	lot
07-08-00410	Local Network	0	lot
07-08-00411	, Interface and connection cards & modules	0	Set
07-08-00419	Documentation	0	Set
07-08-00420	Test Instruments		
07-08-00421	Digital Multimeter.	1	unit
07-08-00422	Frequency Counter .	1	lot
07-08-00423	Power Meter .	1	lot
07-08-00424	PCM Multiplex Tester .	1	Set
07-08-00429	RF Sweep Generator .	0	lot
07-08-00430	VSWR Test Set.	0	lot
07-08-00431	RF Spectrum Analyzer.	0	Set
07-08-00432	SDH Analyzer for STM-1	0	lot
07-08-00433	TX / RX MW Link Analyzer .	0	lot
07-08-00434	PDH Analyzer (2Mb/s)	0	lot
07-08-00435	Oscilloscope 500 MHZ Dual channel.	0	Set
07-08-00436	Vedio Test Set.	0	Lot
07-08-00439	RF Attenuators Fixed & Variable (0-60)DB.	0	Set
07-08-00440	cables & Adapters.	0	Set
07-08-00441	waveguide / Coax. Adapters.	0	Set
07-08-00442	Documentation	0	Set
07-08-00443	Specific Tools	0	Set
07-08-00444	20 Ton Lorry with crane & winch	0	Set
07-08-00449	Specific Maintenance tools	0	Set
07-08-00450	Station tools	1	Set
07-08-00451	Special tools for waveguide.	0	Set
07-08-00452	Installation tools.	0	Set
07-08-00453	Services	1	Set
07-08-00459	Factory Training Abroad.	1	Set
07-08-00460	Training In Iraq.	2	Set
07-08-00461	Supervision Services (Supplier Expert)	1	Set
07-08-00462	4-SITE -MOSUL EX		
07-08-00463	SDH Microwave Radio Equipment	1	Lot
07-08-00464	STM1,6GHZ (1+1), Radio Terminal. With Frequency Diversity / Space Diversity all complete.	1	Set
07-08-00465	128 QAM Modems Modules.	2	Set
07-08-00466	Protection Switch.	1	Set
07-08-00467	Engineering order wire channel.	1	Set
07-08-00469	2Mb/s auxiliary traffic.	1	Set
07-08-00470	Interface to central Network management.	1	Set
07-08-00471	Peripherals (Lap Top PC , etc.....)	1	Set
07-08-00472	Rack with 48V. d/c unit (duplicated).	2	Set
07-08-00473	Maintenance tools	1	Set
07-08-00474	parts & Spare units.	1	lot
07-08-00475	Documentation	1	Set
07-08-00476	Microwave Antennas	1	lot
07-08-00477	Parabolic Dish (2.4m or 3m diameter).	1	Set
07-08-00478	Antenna Radiation Element with (V&H) Ports.	1	Set
07-08-00479	Connector Flanges.	1	Set
07-08-00480	Tower Attachment.	1	Set
07-08-00481	Maintenance tools	0	Set
07-08-00482	Microwave Feeders	1	Lot
07-08-00483	Elliptical waveguide for 6 GHZ band .	100	Meter
07-08-00484	Medium capacity dehydrator.	1	Unit
07-08-00485	Pressure Window.	1	Unit
07-08-00489	Fixture clamps.	1	Set
07-08-00490	Earthing Kits.	1	Set
07-08-00491	Installation materials & tools.	1	Set
07-08-00492	DC Power Plant	1	Set
07-08-00493	Modular switched rectifier system 48V/30Ampere module (1+1)	1	Lot
07-08-00494	48V,1200AH LeadAcid SealedBatteries(2sets).	1	Set
07-08-00495	Cabinet.	2	Lot
07-08-00496	Installation materials , cables, tools.	1	Set
07-08-00497	Air Conditioners	1	Set

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00498	Duplicate 24000 BTU Unit.	2	Set
07-08-00499	Spare parts & PCB's.	0	lot
07-08-00500	SDH Multiplex Equipment	1	Set
07-08-00501	Documentation	1	set
07-08-00502	STM-4 Mutliplexer Subrack with redundant common	0	Set
07-08-00503	STM-1 Mutliplexer Subrack with redundant common	1	Set
07-08-00504	Tributary Cards (,21x2Mb/s)	3	Lot
07-08-00505	Access & Connection Modules.	0	Set
07-08-00506	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors,	0	Set
07-08-00507	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors,	0	Set
07-08-00508	Full	0	Set
07-08-00509	Auxiliary/Engineering order wire.	1	Set
07-08-00510	Telephone Handset.	1	Set
07-08-00511	Installation materials & tools.	0	Set
07-08-00519	Racks with power supply unit (duplicated)and cable head.	3	Set
07-08-00520	Digital Distribution Frames.	1	lot
07-08-00521	Primary Multiplex (PCM-30CH) Subrack with common units & channel PCB's of different	10	Set
07-08-00522	Equipment craft terminal for programmed Control and display with operation software	1	Set
07-08-00523	Spare parts & Spare units.	0	Set
07-08-00524	Installation materials & tools.	0	Set
07-08-00529	Installation materials & tools.	0	lot
07-08-00530	Documentation.	0	unit
07-08-00531	Network Management Equipment	1	Set
07-08-00532	Central Network Management System software	0	lot
07-08-00533	Local Network	0	lot
07-08-00534	, Interface and connection cards &modules	0	Set
07-08-00535	Documentation	0	Set
07-08-00536	Test Instruments		
07-08-00539	Digital Multimeter.	1	unit
07-08-00540	Frequency Counter .	1	lot
07-08-00541	Power Meter .	1	lot
07-08-00542	PCM Multiplex Tester .	1	Set
07-08-00543	RF Sweep Generator .	0	lot
07-08-00544	VSWR Test Set.	0	lot
07-08-00549	RF Spectrum Analyzer.	0	Set
07-08-00550	SDH Analyzer for STM-1	0	lot
07-08-00551	TX / RX MW Link Analyzer .	0	lot
07-08-00552	PDH Analyzer (2Mb/s)	0	lot
07-08-00553	Oscilloscope 500 MHZ Dual channel.	0	Set
07-08-00559	Vedio Test Set.	0	Lot
07-08-00560	RF Attenuators Fixed & Variable (0-60)DB.	0	Set
07-08-00561	cables & Adapters.	0	Set
07-08-00562	waveguide / Coax. Adapters.	0	Set
07-08-00563	Documentation	0	Set
07-08-00564	Specific Tools	0	Set
07-08-00565	20 Ton Lorry with crane & winch	0	Set
07-08-00566	Specific Maintenance tools	0	Set
07-08-00567	Station tools	1	Set
07-08-00569	Special tools for waveguide.	0	Set
07-08-00570	Installation tools.	0	Set
07-08-00571	Services	1	Set
07-08-00572	Factory Training Abroad.	1	Set
07-08-00573	Training In Iraq.	2	Set
07-08-00574	Supervision Services (Supplier Expert)	1	Set
07-08-00575			
07-08-00576			
07-08-00577			
07-08-00578	5-SITE BASRA EX		
07-08-00579	SDH Microwave Radio Equipment	1	Lot

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00580	STM1,6GHZ (1+1), Radio Terminal. With Frequency Diversity / Space Diversity all complete.	1	Set
07-08-00581	128 QAM Modems Modules.	2	Set
07-08-00582	Protection Switch.	1	Set
07-08-00583	Engineering order wire channel.	1	Set
07-08-00584	2Mb/s auxiliary traffic.	1	Set
07-08-00585	Interface to central Network management.	1	Set
07-08-00589	Peripherals (Lap Top PC , etc.....)	1	Set
07-08-00590	Rack with 48V. d/c unit (duplicated).	2	Set
07-08-00591	Maintenance tools	1	Set
07-08-00592	parts & Spare units.	1	lot
07-08-00593	Documentation	1	Set
07-08-00594	Microwave Antennas	1	lot
07-08-00595	Parabolic Dish (2.4m or 3m diameter).	1	Set
07-08-00596	Antenna Radiation Element with (V&H) Ports.	1	Set
07-08-00597	Connector Flanges.	1	Set
07-08-00598	Tower Attachment.	1	Set
07-08-00599	Maintenance tools	0	Set
07-08-00600	Microwave Feeders	1	Lot
07-08-00601	Elliptical waveguide for 6 GHZ band .	100	Meter
07-08-00602	Medium capacity dehydrator.	1	Unit
07-08-00603	Pressure Window.	1	Unit
07-08-00604	Fixture clamps.	1	Set
07-08-00605	Earthing Kits.	1	Set
07-08-00606	Installation materials & tools.	1	Set
07-08-00607	DC Power Plant	1	Set
07-08-00608	Modular switched rectifier system 48V/30Ampere module (1+1)	1	Lot
07-08-00609	48V,1200AH LeadAcid SealedBatteries(2sets).	1	Set
07-08-00610	Cabinet.	2	Lot
07-08-00611	Installation materials , cables, tools.	1	Set
07-08-00619	Air Conditioners	1	Set
07-08-00620	Duplicate 24000 BTU Unit.	2	Set
07-08-00621	Spare parts & PCB's.	0	lot
07-08-00622	SDH Multiplex Equipment	1	Set
07-08-00623	Documentation	1	set
07-08-00624	STM-4 Mutliplexer Subrack with redundant common	0	Set
07-08-00629	STM-1 Mutliplexer Subrack with redundant common	1	Set
07-08-00630	Tributary Cards (,21x2Mb/s)	3	Lot
07-08-00631	Access & Connection Modules.	0	Set
07-08-00632	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00633	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00634	Full	0	Set
07-08-00635	Auxiliary/Engineering order wire.	1	Set
07-08-00636	Telephone Handset.	1	Set
07-08-00639	Installation materials & tools.	0	Set
07-08-00640	Racks with power supply unit (duplicated)and cable head.	3	Set
07-08-00641	Digital Distribution Frames.	1	lot
07-08-00642	Primary Multiplex (PCM-30CH) Subrack with common units & channel PCB's of different	10	Set
07-08-00643	Equipment craft terminal for programmed Control and display with operation software	1	Set
07-08-00644	Spare parts & Spare units.	0	Set
07-08-00649	Installation materials & tools.	0	Set
07-08-00650	Installation materials & tools.	0	lot
07-08-00651	Documentation.	0	unit
07-08-00652	Network Management Equipment	1	Set
07-08-00653	Central Network Management System software	0	lot
07-08-00659	Local Network	0	lot
07-08-00660	, Interface and connection cards &modules	0	Set
07-08-00661	Documentation	0	Set
07-08-00662	Test Instruments		
07-08-00663	Digital Multimeter.	1	unit

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00664	Frequency Counter .	1	lot
07-08-00665	Power Meter .	1	lot
07-08-00666	PCM Multiplex Tester .	1	Set
07-08-00667	RF Sweep Generator .	0	lot
07-08-00669	VSWR Test Set.	0	lot
07-08-00670	RF Spectrum Analyzer.	0	Set
07-08-00671	SDH Analyzer for STM-1	0	lot
07-08-00672	TX / RX MW Link Analyzer .	0	lot
07-08-00673	PDH Analyzer (2Mb/s)	0	lot
07-08-00674	Oscilloscope 500 MHZ Dual channel.	0	Set
07-08-00675	Vedio Test Set.	0	Lot
07-08-00676	RF Attenuators Fixed & Variable (0-60)DB.	0	Set
07-08-00677	cables & Adapters.	0	Set
07-08-00678	waveguide / Coax. Adapters.	0	Set
07-08-00679	Documentation	0	Set
07-08-00680	Specific Tools	0	Set
07-08-00681	20 Ton Lorry with crane & winch	0	Set
07-08-00682	Specific Maintenance tools	0	Set
07-08-00683	Station tools	1	Set
07-08-00684	Special tools for waveguide.	0	Set
07-08-00685	Installation tools.	0	Set
07-08-00689	Services	1	Set
07-08-00690	Factory Training Abroad.	1	Set
07-08-00691	Training In Iraq.	2	Set
07-08-00692	Supervision Services (Supplier Expert)	1	Set
07-08-00693			
07-08-00694	6-SITE GURMA EX		
07-08-00695			
07-08-00696	SDH Microwave Radio Equipment	1	Lot
07-08-00697	STM1,6GHZ (1+1), Radio Terminal. With Frequency Diversity / Space Diversity all complete.	1	Set
07-08-00698	128 QAM Modems Modules.	2	Set
07-08-00699	Protection Switch.	1	Set
07-08-00700	Engineering order wire channel.	1	Set
07-08-00701	2Mb/s auxiliary traffic.	1	Set
07-08-00702	Interface to central Network management.	1	Set
07-08-00703	Peripherals (Lap Top PC , etc.....)	1	Set
07-08-00704	Rack with 48V. d/c unit (duplicated).	2	Set
07-08-00705	Maintenance tools	1	Set
07-08-00706	parts & Spare units.	1	lot
07-08-00707	Documentation	1	Set
07-08-00708	Microwave Antennas	1	lot
07-08-00709	Parabolic Dish (2.4m or 3m diameter).	1	Set
07-08-00710	Antenna Radiation Element with (V&H) Ports.	1	Set
07-08-00711	Connector Flanges.	1	Set
07-08-00719	Tower Attachment.	1	Set
07-08-00720	Maintenance tools	0	Set
07-08-00721	Microwave Feeders	1	Lot
07-08-00722	Elliptical waveguide for 6 GHZ band .	100	Meter
07-08-00723	Medium capacity dehydrator.	1	Unit
07-08-00724	Pressure Window.	1	Unit
07-08-00729	Fixture clamps.	1	Set
07-08-00730	Earthing Kits.	1	Set
07-08-00731	Installation materials & tools.	1	Set
07-08-00732	DC Power Plant	1	Set
07-08-00733	Modular switched rectifier system 48V/30Ampere module (1+1)	1	Lot
07-08-00734	48V,1200AH LeadAcid SealedBatteries(2sets).	1	Set
07-08-00735	Cabinet.	2	Lot
07-08-00736	Installation materials , cables, tools.	1	Set
07-08-00739	Air Conditioners	1	Set
07-08-00740	Duplicate 24000 BTU Unit.	2	Set
07-08-00741	Spare parts & PCB's.	0	lot
07-08-00742	SDH Multiplex Equipment	1	Set
07-08-00743	Documentation	1	set

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00744	STM-4 Mutliplexer Subrack with redundant common	0	Set
07-08-00749	STM-1 Mutliplexer Subrack with redundant common	1	Set
07-08-00750	Tributary Cards (,21x2Mb/s)	3	Lot
07-08-00751	Access & Connection Modules.	0	Set
07-08-00752	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00753	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00759	Full	0	Set
07-08-00760	Auxiliary/Engineering order wire.	1	Set
07-08-00761	Telephone Handset.	1	Set
07-08-00762	Installation materials & tools.	0	Set
07-08-00763	Racks with power supply unit (duplicated)and cable head.	3	Set
07-08-00764	Digital Distribution Frames.	1	lot
07-08-00765	Primary Multiplex (PCM-30CH) Subrack with common units & channel PCB's of different	10	Set
07-08-00766	Equipment craft terminal for programmed Control and display with operation software	1	Set
07-08-00767	Spare parts & Spare units.	0	Set
07-08-00769	Installation materials & tools.	0	Set
07-08-00770	Installation materials & tools.	0	lot
07-08-00771	Documentation.	0	unit
07-08-00772	Network Management Equipment	1	Set
07-08-00773	Central Network Management System software	0	lot
07-08-00774	Local Network	0	lot
07-08-00775	, Interface and connection cards &modules	0	Set
07-08-00776	Documentation	0	Set
07-08-00777	Test Instruments		
07-08-00778	Digital Multimeter.	1	unit
07-08-00779	Frequency Counter .	1	lot
07-08-00780	Power Meter .	1	lot
07-08-00781	PCM Multiplex Tester .	1	Set
07-08-00782	RF Sweep Generator .	0	lot
07-08-00783	VSWR Test Set.	0	lot
07-08-00784	RF Spectrum Analyzer.	0	Set
07-08-00785	SDH Analyzer for STM-1	0	lot
07-08-00789	TX / RX MW Link Analyzer .	0	lot
07-08-00790	PDH Analyzer (2Mb/s)	0	lot
07-08-00791	Oscilloscope 500 MHZ Dual channel.	0	Set
07-08-00792	Vedio Test Set.	0	Lot
07-08-00793	RF Attenuators Fixed & Variable (0-60)DB.	0	Set
07-08-00794	cables & Adapters.	0	Set
07-08-00795	waveguide / Coax. Adapters.	0	Set
07-08-00796	Documentation	0	Set
07-08-00797	Specific Tools	0	Set
07-08-00798	20 Ton Lorry with crane & winch	0	Set
07-08-00799	Specific Maintenance tools	0	Set
07-08-00800	Station tools	1	Set
07-08-00801	Special tools for waveguide.	0	Set
07-08-00802	Installation tools.	0	Set
07-08-00803	Services	1	Set
07-08-00804	Factory Training Abroad.	1	Set
07-08-00805	Training In Iraq.	2	Set
07-08-00806	Supervision Services (Supplier Expert)	1	Set
07-08-00807			
07-08-00808	1- Site - MAMOON Ex		
07-08-00809	SDH Microwave Radio Equipment	1	Lot
07-08-00810	STM1,6GHZ (1+1), Radio Terminal. With Frequency Diversity / Space Diversity all complete.	1	Set
07-08-00811	128 QAM Modems Modules.	2	Set
07-08-00819	Protection Switch.	1	Set
07-08-00820	Engineering order wire channel.	1	Set
07-08-00821	2Mb/s auxiliary traffic.	1	Set
07-08-00822	Interface to central Network management.	1	Set

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00823	Peripherals (Lap Top PC , etc.....)	1	Set
07-08-00824	Rack with 48V. d/c unit (duplicated).	2	Set
07-08-00829	Maintenance tools	1	Set
07-08-00830	parts & Spare units.	1	lot
07-08-00831	Documentation	1	Set
07-08-00832	Microwave Antennas	1	lot
07-08-00833	Parabolic Dish (2.4m or 3m diameter).	1	Set
07-08-00834	Antenna Radiation Element with (V&H) Ports.	1	Set
07-08-00835	Connector Flanges.	1	Set
07-08-00836	Tower Attachment.	2	Set
07-08-00839	Maintenance tools	1	Set
07-08-00840	Microwave Feeders	1	Lot
07-08-00841	Elliptical waveguide for 6 GHZ band .	100	Meter
07-08-00842	Medium capacity dehydrator.	1	Unit
07-08-00843	Pressure Window.	1	Unit
07-08-00844	Fixture clamps.	1	Set
07-08-00849	Earthing Kits.	1	Set
07-08-00850	Installation materials & tools.	1	Set
07-08-00851	DC Power Plant	1	Set
07-08-00852	Modular switched rectifier system 48V/30Ampere module (1+1)	1	Lot
07-08-00853	48V,200AH LeadAcid SealedBatteries(2sets).	1	lot
07-08-00859	Cabinet.	2	Lot
07-08-00860	Installation materials , cables, tools.	1	Set
07-08-00861	Air Conditioners	1	Set
07-08-00862	Duplicate 24000 BTU Unit.	2	Set
07-08-00863	Spare parts & PCB's.	0	lot
07-08-00864	SDH Multiplex Equipment	1	Set
07-08-00865	Documentation	1	set
07-08-00866	STM-4 Mutliplexer Subrack with redundant common	0	Set
07-08-00867	STM-1 Mutliplexer Subrack with redundant common	1	Set
07-08-00869	Tributary Cards ,21x2Mb/s)	3	Lot
07-08-00870	Access & Connection Modules.	0	Set
07-08-00871	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	0	Set
07-08-00872	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers,connectors.	1	Set
07-08-00873		0	Set
07-08-00874	Auxiliary/Engineering order wire.	1	Set
07-08-00875	Telephone Handset.	1	Set
07-08-00876	Installation materials & tools.	0	Set
07-08-00877	Racks with power supply unit (duplicated)and cable head.	3	Set
07-08-00878	Digital Distribution Frames.	3	lot
07-08-00879	Primary Multiplex (PCM-30CH) Subrack with common units & channel PCB's of different	10	Set
07-08-00880	Equipment craft terminal for programmed Control and display with operation software	1	Set
07-08-00881	Spare parts & Spare units.	0	Set
07-08-00882	Installation materials & tools.	0	Set
07-08-00883	Installation materials & tools.	0	lot
07-08-00884	Documentation.	0	unit
07-08-00885	Network Management Equipment	0	Set
07-08-00889	Central Network Management System software	0	lot
07-08-00890	Local Network	0	lot
07-08-00891	Modiation , Interface and connection cards	0	Set
07-08-00892	Documentation	0	Set
07-08-00893	Test Instruments	1	Set
07-08-00894	Digital Multimeter.	1	unit
07-08-00895	Frequency Counter .	1	lot
07-08-00896	Power Meter .	1	lot
07-08-00897	PCM Multiplex Tester .	1	Set
07-08-00898	RF Sweep Generator .	0	lot
07-08-00899	VSWR Test Set.	0	lot
07-08-00900	RF Spectrum Analyzer.	0	Set

CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-08-00901	SDH Analyzer for STM-1	0	lot
07-08-00902	TX / RX MW Link Analyzer .	0	lot
07-08-00903	PDH Analyzer (2Mb/s)	0	lot
07-08-00904	Oscilloscope 500 MHZ Dual channel.	0	Set
07-08-00905	Vedio Test Set.	0	Lot
07-08-00906	RF Attenuators Fixed & Variable (0-60)DB.	0	Set
07-08-00907	cables & Adapters.	0	Set
07-08-00908	waveguide / Coax. Adapters.	0	Set
07-08-00909	Documentation	0	Set
07-08-00910	Specific Tools	0	Set
07-08-00911	20 Ton Lorry with crane & winch	0	Set
07-08-00919	Specific Maintenance tools	0	Set
07-08-00920	Station tools	1	Set
07-08-00921	Special tools for waveguide.	0	Set
07-08-00922	Installation tools.	0	Set
07-08-00923	Services	1	Set
07-08-00924	Factory Training Abroad.	1	Set
07-08-00929	Training In Iraq.	2	Set
07-08-00930	Supervision Services (Supplier Expert)	1	Set