

SECTOR: Infrastructure

Subsector:

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-01100	SDH Microwave Radio Equipment	1	Lot
07-03-01101	-STM-1,6GHZ (2+1), Radio Terminal. Without Frequency Diversity / Space Diversity all complete.	1	Set
07-03-01102	-128 QAM Modems Modules.	3	Set
07-03-01103	Protection Switch.	1	Set
07-03-01104	Engineering order wire channel.	1	Set
07-03-01105	-2Mb/s auxiliary traffic.	3	Set
07-03-01106	Interface to Central Network management.	1	Set
07-03-01107	Peripherals (Lap Top PC , etc.....)	1	Set
07-03-01108	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-01109	Installation & Maintenance tools & materials.	1	Set
07-03-01110	Spare parts & Spare units.	1	lot
07-03-01111	Documentation.	1	Set
07-03-01119	Microwave Antennas	1	Lot
07-03-01119	-Parabolic Dish (2.4m. - 3m diameter	1	Set
07-03-01120	-Antenna Radiation Element with (V&H)Ports.	1	Set
07-03-01121	Connector Flanges.	2	Set
07-03-01122	Tower Attachment.	1	Set
07-03-01123	Installation & Maintenance tools & materials.	1	Set
07-03-01124	Microwave Feeders	1	Lot
07-03-01129	-Elliptical waveguide for 11 GHZ band	200	Meter
07-03-01130	Medium capacity dehydrator.	1	Unit
07-03-01131	Pressure Window.	2	Unit
07-03-01132	Fixture clamps.	1	Set
07-03-01133	Earthing Kits.	1	Set
07-03-01134	Installation Materials & Tools.	1	Set
07-03-01135	Documentation.		Set
07-03-01136	DC Power Plant	1	Lot
07-03-01139	-Modular switched rectifier system 48V / 30Ampere module (3+1)	2	Set
07-03-01140	-48V,300 AH Lead-Acid Sealed-Batteries(2sets).	2	Lot
07-03-01141	Cabinet.	4	Set
07-03-01142	Installation Materials , cables, Tools.	1	Set
07-03-01143	- Documentation.	1	Set
07-03-01144	Air Conditioners	1	Lot
07-03-01149	-Duplicate 24000 BTU Unit.	2	Set
07-03-01150	Piping & Installation Materials & fixtures.	2	Set
07-03-01151	Spare parts.	2	Set
07-03-01152	-Documentation.	2	Set
07-03-01153	Diesel Engine Generator	1	Lot
07-03-01159	-Capacity 50 KVA, Dual Set.	1	Set
07-03-01160	Daily Fuel Tank.	1	Set
07-03-01161	Fan.	1	Set
07-03-01162	Piping.	1	Set
07-03-01163	Control cubicle & Alarms.	1	Set
07-03-01164	Installation Materials & Tools.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-01165	-Spare parts & PCB's.	1	Set
07-03-01166	-Documentation.	1	Set
07-03-01167	SDH Multiplex Equipment	1	Lot
07-03-01169	-STM-4 Mutliplexer Subrack with redundant common units	1	Set
07-03-01170	-STM-1 Multiplex Subrack with redundant common units		
07-03-01171	Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155Mb/s switch , 7x2Mb/s).	2	Set
07-03-01172	Access & connection modules.	2	Set
07-03-01173	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	2	Lot
07-03-01174	-Full Matrix (duplicated).	2	unit
07-03-01175	Auxiliary /Engineering order wire.	1	unit
07-03-01176	Telephone Handset.	1	Set
07-03-01177	Installation Materials & Tools.	2	Lot
07-03-01178	-Racks with power supply unit (duplicated)and cable head.	2	Lot
07-03-01179	Digital Distribution Frames.	6	Set
07-03-01180	Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	10	Set
07-03-01181	Equipment craft terminal for programmed Controland display with operation soft ware .	1	Set
07-03-01182	Spare parts & Spare units.	1	lot
07-03-01183	Installation Materials & Tools.	1	lot
07-03-01184	-Documentation.	1	Set
07-03-01185	Network Management Equipment	1	Lot
07-03-01189	Central Network Management System platform(Hard ware)	1	Lot
07-03-01190	Central Network Management System software packages.	1	Set
07-03-01191	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-01192	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-01193	Installation Materials & Tools.	1	Lot
07-03-01194	Documentation..	1	Set
07-03-01195	Test Instruments	1	Lot
07-03-01200	Digital Multimeter.	2	Set
07-03-01201	-Frequency Counter .	1	Set
07-03-01202	-Power Meter .	1	Set
07-03-01203	-PCM Multiplex Tester .	1	Set
07-03-01204	-RF Sweep Generator .	0	Set
07-03-01205	VSWR Test Set.	0	Set
07-03-01206	-Scalar Network Analyzer .	0	Set
07-03-01207	RF Spectrum Analyzer.	0	Set
07-03-01208	SDH Analyzer for STM-1	1	Set
07-03-01209	-TX / RX MW Link Analyzer .	0	Set
07-03-01210	-PDH Analyzer (2Mb/s).	0	Set
07-03-01211	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-01212	Vedio Test Set.	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-01213	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-01214	cables & Adapters.	1	Set
07-03-01215	waveguide / Coax. Adapters.	0	Set
07-03-01216	-Documentation.	1	Set
07-03-01219	Specific Tools	1	Lot
07-03-01220	-20 Ton Lorry with crane & winch.	0	Unit
07-03-01221	Specific Maintenance tools	1	Lot
07-03-01222	Station tools	1	Lot
07-03-01223	Special tools for waveguide.	1	Lot
07-03-01224	Installation Tools.	1	Lot
07-03-01229	Services	1	Lot
07-03-01230	Factory Training Abroad.	5	Trainee
07-03-01231	Training In Iraq.	8	Trainee
07-03-01232	-Supervision Services (Supplier	2	Expert
07-03-02100	SDH Microwave Radio Equipment	1	Lot
07-03-02101	-STM-1 6GHZ, (4+1), &(1+2), 11GHZ Radio Terminals With Frequency &Space Diversity all complete.	3	Set
07-03-02102	-128 QAM Modems Modules.	11	Set
07-03-02103	Protection Switch.	3	Set
07-03-02104	Engineering order wire channel.	3	Set
07-03-02105	-2Mb/s auxiliary traffic.	5	Set
07-03-02106	Interface to Central Network	3	Set
07-03-02107	Peripherals (Lap Top PC , etc.....)	1	Set
07-03-02108	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-02109	Installation & Maintenance tools & materials.	3	Set
07-03-02110	Spare parts & Spare units.	1	lot
07-03-02111	Documentation.	2	Set
07-03-02119	Microwave Antennas	1	Lot
07-03-02119	-Parabolic Dish (1.8m.-3.7m. diameter) .	4	Set
07-03-02120	-Antenna Radiation Element with (1 / 2 / 4)Ports.	4	Set
07-03-02121	Connector Flanges.	8	Set
07-03-02122	Tower Attachment.	4	Set
07-03-02123	Installation & Maintenance tools & materials.	4	Set
07-03-02124	Microwave Feeders	1	Lot
07-03-02129	-Elliptical waveguide for 13/11/6 GHZ band .	500	Meter
07-03-02130	Medium capacity dehydrator.	1	Unit
07-03-02131	Pressure Window.	4	Unit
07-03-02132	Fixture clamps.	4	Set
07-03-02133	Earthing Kits.	4	Set
07-03-02134	Installation Materials & Tools.	4	Set
07-03-02135	Documentation.	1	Set
07-03-02136	DC Power Plant	1	Lot
07-03-02139	-Modular switched rectifier system 48V / 30Ampere module (3+1)	1	Set
07-03-02140	-48V, 300 Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-02141	Cabinet.	4	Set
07-03-02142	Installation Materials , cables, Tools.	1	Set

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-02143	Documentation.	1	Set
07-03-02144	Air Conditioners	1	Lot
07-03-02149	-Duplicated 18000 / 24000 BTU Unit.	2	Set
07-03-02150	Piping & Installation Materials & fixtures.	2	Set
07-03-02151	Spare parts.	2	Set
07-03-02152	Documentation.	2	Set
07-03-02153	Diesel Engine Generator	0	Lot
07-03-02159	-Capacity 50 KVA, Dual Set.	0	Set
07-03-02160	Daily Fuel Tank.	0	Set
07-03-02161	Fan.	0	Set
07-03-02162	Piping.	0	Set
07-03-02163	Control cubicle & Alarms.	0	Set
07-03-02164	Installation Materials & Tools.	0	Set
07-03-02165	-Spare parts & PCB's.	1	Set
07-03-02166	Documentation.	1	Set
07-03-02167	SDH Multiplex Equipment	1	Lot
07-03-02169	-STM-4 Mutliplexer Subrack with redundant common units	2	Set
07-03-02170	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-02171	Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155Mb/s switch , 7x2Mb/s).	4	Set
07-03-02172	Access & connection modules.	2	Set
07-03-02173	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	2	Lot
07-03-02174	-Full Matrix (duplicated).	2	Unit
07-03-02175	Auxiliary /Engineering order wire.	3	Set
07-03-02176	Telephone Handset.	3	Lot
07-03-02177	Installation Materials & Tools.	2	Lot
07-03-02178	-Racks with power supply unit (duplicated)and cable head.	6	Set
07-03-02179	-Digital Distribution Frames for 300systems.	1	Set
07-03-02180	Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	10	Set
07-03-02181	Equipment craft terminal for programmed Control and display with operation soft ware .	1	Set
07-03-02182	Spare parts & Spare units.	3	Lot
07-03-02183	Installation Materials & Tools.	2	Lot
07-03-02184	Documentation.	2	Set
07-03-02185	Network Management Equipment	1	Lot
07-03-02189	Central Network Management System platform(Hard ware)	1	Lot
07-03-02190	Central Network Management System software packages.	1	Set
07-03-02191	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-02192	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-02193	Installation Materials & Tools.	1	Lot

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CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-02194	Documentation..	1	Set
07-03-02195	Test Instruments	1	Lot
07-03-02200	Digital Multimeter.	2	Set
07-03-02201	-Frequency Counter .	1	Set
07-03-02202	-Power Meter .	1	Set
07-03-02203	-PCM Multiplex Tester .	1	Set
07-03-02204	-RF Sweep Generator .	0	Set
07-03-02205	VSWR Test Set.	1	Set
07-03-02206	-Scalar Network Analyzer .	0	Set
07-03-02207	RF Spectrum Analyzer.	1	Set
07-03-02208	SDH Analyzer for STM-1	1	Set
07-03-02209	-TX / RX MW Link Analyzer .	1	Set
07-03-02210	-PDH Analyzer (2Mb/s).	0	Set
07-03-02211	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-02212	Vedio Test Set.	1	Set
07-03-02213	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-02214	cables & Adapters.	1	Set
07-03-02215	waveguide / Coax. Adapters.	1	Set
07-03-02216	Documentation.	1	Set
07-03-02219	Specific Tools	1	Lot
07-03-02220	-20 Ton Lorry with crane & winch.	0	Unit
07-03-02221	Specific Maintenance tools	1	Lot
07-03-02222	Station tools	1	Lot
07-03-02223	Special tools for waveguide.	1	Lot
07-03-02224	Installation Tools.	1	Lot
07-03-02229	Services	1	Lot
07-03-02230	Factory Training Abroad.	4	Trainee
07-03-02231	Training In Iraq.	8	Trainee
07-03-02232	-Supervision Services (Supplier	2	Expert
07-03-03100	SDH Microwave Radio Equipment	1	Lot
07-03-03101	-STM-1,6GHZ (4+1), Radio Terminals With Frequency Diversity / Space Diversity all complete.	2	Set
07-03-03102	-128 QAM Modems Modules.	10	Set
07-03-03103	Protection Switch.	2	Set
07-03-03104	Engineering order wire channel.	1	Set
07-03-03105	-2Mb/s auxiliary traffic.	2	Set
07-03-03106	Interface to Central Network	2	Set
07-03-03107	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-03108	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-03109	Installation & Maintenance tools & materials.	2	Set
07-03-03110	Spare parts & Spare units.	2	Set
07-03-03111	Documentation.	1	Set
07-03-03119	Microwave Antennas	1	Lot
07-03-03119	-Parabolic Dish (2.4m.-3.3m. diameter).	4	Set
07-03-03120	-Antenna Radiation Element with (1 / 2 / 4)Ports.	4	Set
07-03-03121	Connector Flanges.	4	Set
07-03-03122	Tower Attachment.	4	Set
07-03-03123	Installation & Maintenance tools & materials.	4	Set
07-03-03124	Microwave Feeders	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-03129	-Elliptical waveguide for 6 GHZ band .	400	Meter
07-03-03130	Medium capacity dehydrator.	1	Unit
07-03-03131	Pressure Window.	4	Unit
07-03-03132	Fixture clamps.	4	Set
07-03-03133	Earthing Kits.	4	Set
07-03-03134	Installation Materials & Tools.	4	Set
07-03-03135	Documentation.	1	Set
07-03-03136	DC Power Plant	1	Lot
07-03-03139	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-03140	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-03141	Cabinet.	2	Set
07-03-03142	Installation Materials , cables, Tools.	1	Set
07-03-03143	Documentation.	1	Set
07-03-03144	Air Conditioners	1	Lot
07-03-03149	-Duplicated 24000 BTU Unit.	2	Set
07-03-03150	Piping & Installation Materials & fixtures.	2	Set
07-03-03151	Spare parts.	2	Set
07-03-03152	Documentation.	2	Set
07-03-03153	Diesel Engine Generator	1	Lot
07-03-03159	-Capacity 50 KVA, Dual Set.	1	Set
07-03-03160	Daily Fuel Tank.	1	Set
07-03-03161	Fan.	1	Set
07-03-03162	Piping.	1	Set
07-03-03163	Control cubicle & Alarms.	1	Set
07-03-03164	Installation Materials & Tools.	1	Set
07-03-03165	Spare parts & PCB's.	1	Set
07-03-03166	Documentation.	1	Set
07-03-03167	SDH Multiplex Equipment	1	Lot
07-03-03169	-STM-4 Mutliplexer Subrack with redundant common units	1	Set
07-03-03170	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-03171	Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).B52	1	Set
07-03-03172	Access & connection modules.	1	Set
07-03-03173	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP contai-nd in subracks with common units & with function units,controllers ,connectors, ETC.....	0	Lot
07-03-03174	-Full Matrix (duplicated).	1	Unit
07-03-03175	Auxiliary /Engineering order wire.	1	Set
07-03-03176	Telephone Handset.	1	Lot
07-03-03177	Installation Materials & Tools.	1	Lot
07-03-03178	-Racks with power supply unit (duplicated)and cable head.	2	Set
07-03-03179	Digital Distribution Frames.	1	Set
07-03-03180	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-03181	Equipment craft terminal for programmed Control and display with operation soft ware .	1	Set
07-03-03182	Spare parts & Spare units.	1	Lot
07-03-03183	Installation Materials & Tools.	1	Lot
07-03-03184	Documentation.	1	Set
07-03-03185	Network Management Equipment	1	Lot
07-03-03189	Central Network Management System platform(Hard ware)	0	Lot
07-03-03190	Central Network Management System software packages.	0	Set
07-03-03191	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-03192	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-03193	Installation Materials & Tools.	1	Lot
07-03-03194	Documentation..	1	Set
07-03-03195	Test Instruments	1	Lot
07-03-03200	Digital Multimeter.	2	Set
07-03-03201	-Frequency Counter .	1	Set
07-03-03202	-Power Meter .	1	Set
07-03-03203	-PCM Multiplex Tester .	1	Set
07-03-03204	-RF Sweep Generator .	0	Set
07-03-03205	VSWR Test Set.	0	Set
07-03-03206	-Scalar Network Analyzer .	0	Set
07-03-03207	RF Spectrum Analyzer.	0	Set
07-03-03208	SDH Analyzer for STM-1	0	Set
07-03-03209	-TX / RX MW Link Analyzer .	0	Set
07-03-03210	-PDH Analyzer (2Mb/s).	0	Set
07-03-03211	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-03212	Vedio Test Set.	0	Set
07-03-03213	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-03214	cables & Adapters.	1	Set
07-03-03215	waveguide / Coax. Adapters.	0	Set
07-03-03216	Documentation.	1	Set
07-03-03219	Specific Tools	1	Lot
07-03-03220	-20 Ton Lorry with crane & winch.	0	Unit
07-03-03221	Specific Maintenance tools	1	Lot
07-03-03222	Station tools	1	Lot
07-03-03223	Special tools for waveguide.	1	Lot
07-03-03224	Installation Tools.	1	Lot
07-03-03229	Services	1	Lot
07-03-03230	Factory Training Abroad.	2	Trainee
07-03-03231	Training In Iraq.	4	Trainee
07-03-03232	-Supervision Services (Supplier	1	Expert
07-03-04100	SDH Microwave Radio Equipment	1	Lot
07-03-04101	-STM-1,6GHZ (4+1)&(2+1) 6 G, Radio Terminal. With Frequency Diversity / Space Diversity all complete.	3	Set
07-03-04102	-128 QAM Modems Modules.	13	Set
07-03-04103	Protection Switch.	3	Set
07-03-04104	Engineering order wire channel.	2	Set
07-03-04105	-2Mb/s auxiliary traffic.	2	Set
07-03-04106	Interface to Central Network	2	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-04107	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-04108	-Rack with 48V. d/c unit (duplicated).	3	Set
07-03-04109	Installation & Maintenance tools & materials.	2	Set
07-03-04110	Spare parts & Spare units.	2	Set
07-03-04111	Documentation.	1	Set
07-03-04119	Microwave Antennas	1	Lot
07-03-04119	-Parabolic Dish (1.8m.-3.7m. diameter).	5	Set
07-03-04120	-Antenna Radiation Element with (1 / 2 / 4)Ports.	5	Set
07-03-04121	Connector Flanges.	5	Set
07-03-04122	Tower Attachment.	5	Set
07-03-04123	Installation & Maintenance tools & materials.	5	Set
07-03-04124	Microwave Feeders	1	Lot
07-03-04129	-Elliptical waveguide for 13/11/8/6 GHZ band .	600	Meter
07-03-04130	Medium capacity dehydrator.	1	Unit
07-03-04131	Pressure Window.	5	Unit
07-03-04132	Fixture clamps.	5	Set
07-03-04133	Earthing Kits.	5	Set
07-03-04134	Installation Materials & Tools.	5	Set
07-03-04135	Documentation.	1	Set
07-03-04136	DC Power Plant	1	Lot
07-03-04139	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-04140	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-04141	Cabinet.	2	Set
07-03-04142	Installation Materials , cables, Tools.	1	Set
07-03-04143	Documentation.	1	Set
07-03-04144	Air Conditioners	1	Lot
07-03-04149	-Duplicated 18000 / 24000 BTU Unit.	2	Set
07-03-04150	Piping & Installation Materials & fixtures.	2	Set
07-03-04151	Spare parts.	2	Set
07-03-04152	Documentation.	2	Set
07-03-04153	Diesel Engine Generator	1	Lot
07-03-04159	-Capacity 50 KVA, Dual Set.	1	Set
07-03-04160	Daily Fuel Tank.	1	Set
07-03-04161	Fan.	1	Set
07-03-04162	Piping.	1	Set
07-03-04163	Control cubicle & Alarms.	1	Set
07-03-04164	Installation Materials & Tools.	1	Set
07-03-04165	-Spare parts & PCB's.	1	Set
07-03-04166	Documentation.	1	Set
07-03-04167	SDH Multiplex Equipment	1	Lot
07-03-04169	-STM-4 Mutliplexer Subrack with redundant common units	2	Set
07-03-04170	-STM-1 Multiplex Subrack with redundant common units	2	Set
07-03-04171	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	3	Set
07-03-04172	Access & connection modules.	2	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-04173	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units,controllers ,connectors, ETC.....	0	Lot
07-03-04174	-Full Matrix (duplicated).	4	Unit
07-03-04175	Auxiliary /Engineering order wire.	2	Set
07-03-04176	Telephone Handset.	2	Lot
07-03-04177	Installation Materials & Tools.	2	Lot
07-03-04178	-Racks with power supply unit (duplicated)and cable head.	3	Set
07-03-04179	Digital Distribution Frames.	3	Set
07-03-04180	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-04181	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-04182	Spare parts & Spare units.	2	Lot
07-03-04183	Installation Materials & Tools.	2	Lot
07-03-04184	Documentation.	1	Set
07-03-04185	Network Management Equipment	1	Lot
07-03-04189	Central Network Management System platform(Hard ware)	0	Lot
07-03-04190	Central Network Management System software packages.	0	Set
07-03-04191	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-04192	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-04193	Installation Materials & Tools.	1	Lot
07-03-04194	Documentation..	1	Set
07-03-04195	Test Instruments	1	Lot
07-03-04200	Digital Multimeter.	1	Set
07-03-04201	-Frequency Counter .	0	Set
07-03-04202	-Power Meter .	0	Set
07-03-04203	-PCM Multiplex Tester .	1	Set
07-03-04204	-RF Sweep Generator .	0	Set
07-03-04205	VSWR Test Set.	0	Set
07-03-04206	-Scalar Network Analyzer .	0	Set
07-03-04207	RF Spectrum Analyzer.	0	Set
07-03-04208	SDH Analyzer for STM-1	0	Set
07-03-04209	-TX / RX MW Link Analyzer .	0	Set
07-03-04210	-PDH Analyzer (2Mb/s).	0	Set
07-03-04211	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-04212	Vedio Test Set.	0	Set
07-03-04213	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-04214	cables & Adapters.	0	Set
07-03-04215	waveguide / Coax. Adapters.	0	Set
07-03-04216	Documentation.	1	Set
07-03-04219	Specific Tools	1	Lot
07-03-04220	-20 Ton Lorry with crane & winch.	0	Unit
07-03-04221	Specific Maintenance tools	0	Lot
07-03-04222	Station tools	1	Lot
07-03-04223	Special tools for waveguide.	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-04224	Installation Tools.	1	Lot
07-03-04229	Services	1	Lot
07-03-04230	Factory Training Abroad.	1	Trainee
07-03-04231	Training In Iraq.	3	Trainee
07-03-04232	-Supervision Services (Supplier	1	Expert
07-03-06100	SDH Microwave Radio Equipment	1	Lot
07-03-06101	-STM-1, 6 GHZ (4+1)&11GHZ Radio Terminal with Frequency & Space Diversity Receiver modules.	3	Set
07-03-06102	-128 QAM Modems Modules.	15	Set
07-03-06103	Protection Switch.	3	Set
07-03-06104	Engineering order wire channel.	1	Set
07-03-06105	-2Mb/s auxiliary traffic.	1	Set
07-03-06106	Interface to Central Network management.	1	Set
07-03-06107	-Peripherals (Lap Top PC	1	Set
07-03-06108	-Rack with 48V. d/c unit & Duplexers.	3	Set
07-03-06109	Installation & Maintenance tools & materials.	1	Set
07-03-06110	Spare parts & Spare units.	1	Set
07-03-06111	Documentation.	1	lot
07-03-06119		1	Set
07-03-06119	Microwave Antennas	1	Lot
07-03-06120	-Parabolic Dish (1.8m. ,2.4m.&3.0m diameter).	6	Set
07-03-06121	-Antenna Radiation Element with (one/two)Ports.	6	Set
07-03-06122	Connector Flanges.	12	Set
07-03-06123	Tower Attachment.	6	Set
07-03-06124	Installation & Maintenance tools & materials.	6	Set
07-03-06129	Microwave Feeders	1	Lot
07-03-06130	-Elliptical waveguide for6GHZ& 11/13 GHZ band .	300	Meter
07-03-06131	Medium capacity dehydrator.	1	Unit
07-03-06132	Pressure Window.	6	Unit
07-03-06133	Fixture clamps.	6	Set
07-03-06134	Earthing Kits.	6	Set
07-03-06135	Installation Materials & Tools.	6	Set
07-03-06136	Documentation.	1	Set
07-03-06139	DC Power Plant	1	Lot
07-03-06140	Modular switched rectifier system 48V / 30A per module (2+1)	1	Set
07-03-06141	-48V,200Ah Lead-Acid Sealed- Batteries(2sets).	1	Set
07-03-06142	Cabinet.	1	Set
07-03-06143	-Installation materials , cables, & tools.	1	Set
07-03-06144	Documentation.	1	Set
07-03-06149	Air Conditioners	1	Lot
07-03-06150	-Duplicated 18000 / 24000 BTU Unit.	2	Set
07-03-06151	Piping & Installation Materials & fixtures.	2	Set
07-03-06152	Spare parts.	2	Set
07-03-06153	Documentation.	2	Set
07-03-06159	Diesel Engine Generator	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-06160	-Capacity 50 KVA, Dual Set.	1	Set
07-03-06161	Daily Fuel Tank.	1	Set
07-03-06162	Fan.	1	Set
07-03-06163	Piping.	1	Set
07-03-06164	Control cubicle & Alarms.	1	Set
07-03-06165	Installation Materials & Tools.	1	Set
07-03-06166	-Spare parts & PCB's.	1	Set
07-03-06167	Documentation.	1	Set
07-03-06169	SDH Multiplex Equipment	1	Lot
07-03-06170	STM- 4 Mutliplexer Subrack with redundant common units.	2	Set
07-03-06171	STM-1 Multiplex Subrack with redundant common units.	2	Set
07-03-06172	Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch, 7x2Mb/setc.	2	Set
07-03-06173	Access & connection modules.	2	Set
07-03-06174	-S4.1 Aggregate port FC / PC (duplicated).	0	Set
07-03-06175	-Full Matrix (duplicated).	2	Set
07-03-06176	Auxiliary /Engineering order wire.	2	Set
07-03-06177	Telephone Handset.	2	Unit
07-03-06178	Installation Materials & Tools.	2	Set
07-03-06179	Racks with power supply unit (Duplicated) and cable head.	4	Set
07-03-06180	Digital Distribution Frames.	1	Set
07-03-06181	Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-06182	Equipment craft terminal for programmed Control and display for operation and maintenance.	2	Unit
07-03-06183	Spare parts & Spare units.	2	Set
07-03-06184	Installation Materials & Tools.	1	Set
07-03-06185	Documentation.	1	Set
07-03-06189	Network Management Equipment	1	Lot
07-03-06190	Central Network Management System platform (Hard ware).	1	Lot
07-03-06191	Central Network Management System software packages.	1	Lot
07-03-06192	Local Network Management Equipment (craft terminals).B70	1	Set
07-03-06193	Mediation , Interface, & connection cards & modules.	1	Lot
07-03-06194	Installation Materials & Tools.	1	Set
07-03-06195	Documentation..	1	Set
07-03-06200	HDSL Equipment with all Function &Manage- ment modules, DDF, Cables, Software &Doc.s	2	Lot
07-03-06201	Test Instruments	1	Lot
07-03-06202	Digital Multimeter.	2	Set
07-03-06203	-Frequency Counter .	2	Set
07-03-06204	-Power Meter .	2	Set
07-03-06205	-PCM Multiplex Tester .	2	Set
07-03-06206	-RF Sweep Generator .	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-06207	VSWR Test Set.	3	Set
07-03-06208	-Scalar Network Analyzer .	1	Set
07-03-06209	RF Spectrum Analyzer.	1	Set
07-03-06210	SDH Analyzer for STM-1	1	Set
07-03-06211	-TX / RX MW Link Analyzer .	1	Set
07-03-06212	-PDH Analyzer (2Mb/s).	0	Set
07-03-06213	-Oscilloscope 500 MHZ Dual channel.	1	Set
07-03-06214	Vedio Test Set.	1	Set
07-03-06215	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-06216	cables & Adapters.	2	Set
07-03-06219	waveguide / Coax. Adapters.	2	Set
07-03-06220	Documentation.	1	Set
07-03-06221	Specific Tools	1	Lot
07-03-06222	-20 Ton Lorry with crane & winch.	1	Unit
07-03-06223	Specific Maintenance tools Bag.	4	Unit
07-03-06224	Station tools Bag.	4	Unit
07-03-06229	Special tools for waveguide.	4	Unit
07-03-06230	Installation Tools.	1	Unit
07-03-06231	Services	1	Lot
07-03-06232	Factory Training Abroad.	10	Trainee
07-03-07100	Training In Iraq.	12	Trainee
07-03-07101	-Supervision Services (Supplier	8	Expert
07-03-07102	SDH Microwave Radio Equipment	1	Lot
07-03-07103	STM-1, 6 GHZ (2+1) Radio Terminal with Frequency & Space Diversity Receiver modules.	2	Set
07-03-07104	-128 QAM Modems Modules.	6	Set
07-03-07105	Protection Switch.	1	Set
07-03-07106	Engineering order wire channel.	1	Set
07-03-07107	-2Mb/s auxiliary traffic.	1	Set
07-03-07108	Interface to Central Network management.	1	Set
07-03-07109	-Peripherals (Lap Top PC	1	Set
07-03-07110	-Rack with 48V. d/c unit & Duplexers.	3	Set
07-03-07111	Installation & Maintenance tools & materials.	1	Set
07-03-07119	Spare parts & Spare units.	1	Set
07-03-07119	Documentation.	1	Set
07-03-07120		1	Set
07-03-07121	Microwave Antennas	1	Lot
07-03-07122	-Parabolic Dish (1.8m. , 2.4m. diameter).	0	Set
07-03-07123	-Antenna Radiation Element with (one/two)Ports.	0	Set
07-03-07124	Connector Flanges.	0	Set
07-03-07129	Tower Attachment.	0	Set
07-03-07130	Installation & Maintenance tools & materials.	0	Set
07-03-07131	Microwave Feeders	1	Lot
07-03-07132	-Elliptical waveguide for 11/13 GHZ band .	20	Meter
07-03-07133	Medium capacity dehydrator.	1	Unit
07-03-07134	Pressure Window.	1	Unit
07-03-07135	Fixture clamps.	1	Set
07-03-07136	Earthing Kits.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-07139	Installation Materials & Tools.	1	Set
07-03-07140	Documentation.	1	Set
07-03-07141	DC Power Plant	1	Lot
07-03-07142	Modular switched rectifier system 48V / 30A per module (2+1)	1	Set
07-03-07143	-48V,200Ah Lead-Acid Sealed- Batteries(2sets).	1	Set
07-03-07144	Cabinet.	1	Set
07-03-07149	-Installation materials , cables, & tools.	1	Set
07-03-07150	Documentation.	1	Set
07-03-07151	Air Conditioners	1	Lot
07-03-07152	-Duplicated 24000 BTU Unit.	2	Set
07-03-07153	Piping & Installation Materials & fixtures.	2	Set
07-03-07159	Spare parts.	2	Set
07-03-07160	Documentation.	2	Set
07-03-07161	Diesel Engine Generator	0	Lot
07-03-07162	-Capacity 50 KVA, Dual Set.	0	Set
07-03-07163	Daily Fuel Tank.	0	Set
07-03-07164	Fan.	0	Set
07-03-07165	Piping.	0	Set
07-03-07166	Control cubicle & Alarms.	0	Set
07-03-07167	Installation Materials & Tools.	0	Set
07-03-07169	-Spare parts & PCB's.	0	Set
07-03-07170	Documentation.	0	Set
07-03-07171	SDH Multiplex Equipment	1	Lot
07-03-07172	STM- 4 Mutliplexer Subrack with redundant common units.	1	Set
07-03-07173	STM-1 Multiplex Subrack with redundant common units.	1	Set
07-03-07174	Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch, 7x2Mb/setc.	1	Set
07-03-07175	Access & connection modules.	1	Set
07-03-07176	-S4.1 Aggregate port FC / PC (duplicated).	1	Set
07-03-07177	-Full Matrix (duplicated).	1	Set
07-03-07178	Auxiliary /Engineering order wire.	1	Set
07-03-07179	Telephone Handset.	1	Unit
07-03-07180	Installation Materials & Tools.	1	Set
07-03-07181	Racks with power supply unit (Duplicated) and cable head.	1	Set
07-03-07182	Digital Distribution Frames.	1	Set
07-03-07183	Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-07184	Equipment craft terminal for programmed Control and display for operation and maintenance.	1	Unit
07-03-07185	Spare parts & Spare units.	1	Set
07-03-07189	Installation Materials & Tools.	1	Set
07-03-07190	Documentation.	1	Set
07-03-07191	Network Management Equipment	0	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-07192	Central Network Management System platform (Hard ware).	0	Lot
07-03-07193	Central Network Management System software packages.	0	Lot
07-03-07194	Local Network Management Equipment (craft terminals & software kits).	1	Set
07-03-07195	Mediation , Interface, and connection cards & modules.	1	Lot
07-03-07200	Installation Materials & Tools.	1	Set
07-03-07201	Documentation..	1	Set
07-03-07202	Test Instruments	1	Lot
07-03-07203	Digital Multimeter.	1	Set
07-03-07204	-Frequency Counter .	1	Set
07-03-07205	-Power Meter .	1	Set
07-03-07206	-PCM Multiplex Tester .	1	Set
07-03-07207	-RF Sweep Generator .	1	Set
07-03-07208	VSWR Test Set.	1	Set
07-03-07209	-Scalar Network Analyzer .	1	Set
07-03-07210	RF Spectrum Analyzer.	1	Set
07-03-07211	SDH Analyzer for STM-1	1	Set
07-03-07212	-TX / RX MW Link Analyzer .	1	Set
07-03-07213	-PDH Analyzer (2Mb/s).	1	Set
07-03-07214	-Oscilloscope 500 MHZ Dual channel.	1	Set
07-03-07215	Vedio Test Set.	1	Set
07-03-07216	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-07219	cables & Adapters.	1	Set
07-03-07220	waveguide / Coax. Adapters.	1	Set
07-03-07221	Documentation.	1	Set
07-03-07222	Specific Tools	1	Lot
07-03-07223	-20 Ton Lorry with crane & winch.	0	Unit
07-03-07224	Specific Maintenance tools Bag.	1	Unit
07-03-07229	B106:B107-Station tools Bag.	1	Unit
07-03-07230	Special tools for waveguide.	1	Unit
07-03-07231	Installation Tools.	1	Unit
07-03-07232	Services	1	Lot
07-03-08100	Factory Training Abroad.	3	Trainee
07-03-08101	Training In Iraq.	6	Trainee
07-03-08102	-Supervision Services (Supplier	1	Expert
07-03-08103	SDH Microwave Radio Equipment	1	Lot
07-03-08104	-STM-1 6GHZ, (4+1), 6 GHZ Radio Terminals With Frequency &Space Diversity all complete.	2	Set
07-03-08105	-128 QAM Modems Modules.	10	Set
07-03-08106	Protection Switch.	2	Set
07-03-08107	Engineering order wire channel.	1	Set
07-03-08108	-2Mb/s auxiliary traffic.	2	Set
07-03-08109	Interface to Central Network	1	Set
07-03-08110	Peripherals (Lap Top PC , etc.....)	1	Set
07-03-08111	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-08119	Installation & Maintenance tools & materials.	1	Set
07-03-08119	Spare parts & Spare units.	1	lot
07-03-08120	Documentation.	1	Set
07-03-08121	Microwave Antennas	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-08122	-Parabolic Dish (1.8m.-3.7m. diameter).	4	Set
07-03-08123	-Antenna Radiation Element with (1 / 2 / 4)Ports.	4	Set
07-03-08124	Connector Flanges.	4	Set
07-03-08129	Tower Attachment.	4	Set
07-03-08130	Installation & Maintenance tools & materials.	4	Set
07-03-08131	Microwave Feeders	1	Lot
07-03-08132	-Elliptical waveguide for 13/11/6 GHZ band .	400	Meter
07-03-08133	Medium capacity dehydrator.	1	Unit
07-03-08134	Pressure Window.	4	Unit
07-03-08135	Fixture clamps.	4	Set
07-03-08136	Earthing Kits.	4	Set
07-03-08139	Installation Materials & Tools.	4	Set
07-03-08140	Documentation.	1	Set
07-03-08141	DC Power Plant	1	Lot
07-03-08142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-08143	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-08144	Cabinet.	4	Set
07-03-08149	Installation Materials , cables, Tools.	1	Set
07-03-08150	Documentation.	1	Set
07-03-08151	Air Conditioners	1	Lot
07-03-08152	-Duplicated 18000 / 24000 BTU Unit.	2	Set
07-03-08153	Piping & Installation Materials & fixtures.	2	Set
07-03-08159	Spare parts.	2	Set
07-03-08160	Documentation.	2	Set
07-03-08161	Diesel Engine Generator	1	Lot
07-03-08162	-Capacity 50 KVA, Triple Set.	1	Set
07-03-08163	Daily Fuel Tank.	1	Set
07-03-08164	Fan.	1	Set
07-03-08165	Piping.	1	Set
07-03-08166	Control cubicle & Alarms.	1	Set
07-03-08167	Installation Materials & Tools.	1	Set
07-03-08169	-Spare parts & PCB's.	1	Set
07-03-08170	Documentation.	1	Set
07-03-08171	SDH Multiplex Equipment	1	Lot
07-03-08172	-STM-4 Mutliplexer Subrack with redundant common units	1	Set
07-03-08173	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-08174	Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-08175	Access & connection modules.	1	Set
07-03-08176	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units,controllers ,connectors, ETC.....	0	Lot
07-03-08177	-Full Matrix (duplicated).	1	Unit
07-03-08178	Auxiliary /Engineering order wire.	1	Set
07-03-08179	Telephone Handset.	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-08180	Installation Materials & Tools.	1	Lot
07-03-08181	-Racks with power supply unit (duplicated)and cable head.	2	Set
07-03-08182	-Digital Distribution Frames for 300systems.	1	Set
07-03-08183	Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-08184	Equipment craft terminal for programmed Control and display with operation soft ware .	1	Set
07-03-08185	Spare parts & Spare units.	1	Lot
07-03-08189	Installation Materials & Tools.	1	Lot
07-03-08190	Documentation.	1	Set
07-03-08191	Network Management Equipment	1	Lot
07-03-08192	Central Network Management System platform(Hard ware)	0	Lot
07-03-08193	Central Network Management System software packages.	0	Set
07-03-08194	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-08195	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-08200	Installation Materials & Tools.	1	Lot
07-03-08201	Documentation..	1	Set
07-03-08202	Test Instruments	1	Lot
07-03-08203	Digital Multimeter.	1	Set
07-03-08204	-Frequency Counter .	0	Set
07-03-08205	-Power Meter .	0	Set
07-03-08206	-PCM Multiplex Tester .	0	Set
07-03-08207	-RF Sweep Generator .	0	Set
07-03-08208	VSWR Test Set.	0	Set
07-03-08209	-Scalar Network Analyzer .	0	Set
07-03-08210	RF Spectrum Analyzer.	0	Set
07-03-08211	SDH Analyzer for STM-1	0	Set
07-03-08212	-TX / RX MW Link Analyzer .	0	Set
07-03-08213	-PDH Analyzer (2Mb/s).	0	Set
07-03-08214	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-08215	Vedio Test Set.	0	Set
07-03-08216	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-08219	cables & Adapters.	1	Set
07-03-08220	waveguide / Coax. Adapters.	1	Set
07-03-08221	Documentation.	1	Set
07-03-08222	Specific Tools	1	Lot
07-03-08223	-20 Ton Lorry with crane & winch.	0	Unit
07-03-08224	Specific Maintenance tools	1	Lot
07-03-08229	Station tools	1	Lot
07-03-08230	Special tools for waveguide.	1	Lot
07-03-08231	Installation Tools.	1	Lot
07-03-08232	Services	1	Lot
07-03-09100	Factory Training Abroad.	4	Trainee
07-03-09101	Training In Iraq.	8	Trainee
07-03-09102	-Supervision Services (Supplier	2	Expert
07-03-09103	SDH Microwave Radio Equipment	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-09104	STM-1, 6GHZ (4+1), Radio Repeater . With Frequency & Space Diversity all	1	Set
07-03-09105	-128 QAM Modems Modules.	10	Set
07-03-09106	Protection Switch.	2	Set
07-03-09107	Engineering order wire channel.	1	Set
07-03-09108	-2Mb/s auxiliary traffic.	2	Set
07-03-09109	Interface to Central Network	2	Set
07-03-09110	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-09111	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-09112	Installation & Maintenance tools & materials.	1	Set
07-03-09119	Spare parts & Spare units.	1	Set
07-03-09119	Documentation.	1	Set
07-03-09120	Microwave Antennas	1	Lot
07-03-09121	-Parabolic Dish (1.8m.-3.0m. diameter) .	4	Set
07-03-09122	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-09123	Connector Flanges.	4	Set
07-03-09124	Tower Attachment.	4	Set
07-03-09129	Installation & Maintenance tools & materials.	1	Set
07-03-09130	Microwave Feeders	1	Lot
07-03-09131	-Elliptical waveguide for 13/11/6 GHZ band .	400	Meter
07-03-09132	Medium capacity dehydrator.	1	Unit
07-03-09133	Pressure Window.	4	Unit
07-03-09134	Fixture clamps.	4	Set
07-03-09135	Earthing Kits.	4	Set
07-03-09136	Installation Materials & Tools.	1	Set
07-03-09139	Documentation.	1	Set
07-03-09140	DC Power Plant	1	Lot
07-03-09141	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-09142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-09143	Cabinet.	2	Set
07-03-09144	Installation Materials , cables, Tools.	1	Set
07-03-09149	Documentation.	1	Set
07-03-09150	Air Conditioners	1	Lot
07-03-09151	-Duplicated 24000 BTU Unit.	2	Set
07-03-09152	Piping & Installation Materials & fixtures.	2	Set
07-03-09153	Spare parts.	2	Set
07-03-09159	Documentation.	2	Set
07-03-09160	Diesel Engine Generator	1	Lot
07-03-09161	-Capacity 50 KVA, Dual Set.	1	Set
07-03-09162	Daily Fuel Tank.	1	Set
07-03-09163	Fan.	1	Set
07-03-09164	Piping.	1	Set
07-03-09165	Control cubicle & Alarms.	1	Set
07-03-09166	Installation Materials & Tools.	1	Set
07-03-09167	-Spare parts & PCB's.	1	Set
07-03-09169	Documentation.	1	Set
07-03-09170	SDH Multiplex Equipment	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-09171	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-09172	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-09173	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	0	Set
07-03-09174	Access & connection modules.	0	Set
07-03-09175	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	0	Lot
07-03-09176	-Full Matrix (duplicated).	0	Unit
07-03-09177	Auxiliary /Engineering order wire.	0	Set
07-03-09178	Telephone Handset.	0	Set
07-03-09179	Installation Materials & Tools.	0	Lot
07-03-09180	-Racks with power supply unit (duplicated)and cable head.	0	Set
07-03-09181	Digital Distribution Frames.	0	Set
07-03-09182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-09183	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-09184	Spare parts & Spare units.	1	Lot
07-03-09185	Installation Materials & Tools.	1	Lot
07-03-09189	Documentation.	1	Set
07-03-09190	Network Management Equipment	1	Lot
07-03-09191	Central Network Management System platform(Hard ware)	0	Lot
07-03-09192	Central Network Management System software packages.	0	Set
07-03-09193	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-09194	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-09195	Installation Materials & Tools.	1	Lot
07-03-09200	Documentation..	1	Set
07-03-09201	Test Instruments	1	Lot
07-03-09202	Digital Multimeter.	1	Set
07-03-09203	-Frequency Counter .	0	Set
07-03-09204	-Power Meter .	0	Set
07-03-09205	-PCM Multiplex Tester .	1	Set
07-03-09206	-RF Sweep Generator .	0	Set
07-03-09207	VSWR Test Set.	0	Set
07-03-09208	-Scalar Network Analyzer .	0	Set
07-03-09209	RF Spectrum Analyzer.	0	Set
07-03-09210	SDH Analyzer for STM-1	0	Set
07-03-09211	-TX / RX MW Link Analyzer .	0	Set
07-03-09212	-PDH Analyzer (2Mb/s).	0	Set
07-03-09213	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-09214	Vedio Test Set.	0	Set
07-03-09215	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-09216	cables & Adapters.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-09219	waveguide / Coax. Adapters.	0	Set
07-03-09220	Documentation.	1	Set
07-03-09221	Specific Tools	1	Lot
07-03-09222	-20 Ton Lorry with crane & winch.	0	Unit
07-03-09223	Specific Maintenance tools	1	Lot
07-03-09224	Station tools	1	Lot
07-03-09229	Special tools for waveguide.	1	Lot
07-03-09230	Installation Tools.	1	Lot
07-03-09231	Services	1	Lot
07-03-09232	Factory Training Abroad.	1	Trainee
07-03-10100	Training In Iraq.	3	Trainee
07-03-10101	-Supervision Services (Supplier	1	Expert
07-03-10102	SDH Microwave Radio Equipment	1	Lot
07-03-10103	-STM-1, 6GHZ (4+1), Radio Repeater With Frequency & Space Diversity all	1	Set
07-03-10104	-128 QAM Modems Modules.	10	Set
07-03-10105	Protection Switch.	2	Set
07-03-10106	Engineering order wire channel.	1	Set
07-03-10107	-2Mb/s auxiliary traffic.	1	Set
07-03-10108	Interface to Central Network	1	Set
07-03-10109	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-10110	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-10111	Installation & Maintenance tools & materials.	2	Set
07-03-10112	Spare parts & Spare units.	2	Set
07-03-10119	Documentation.	1	Set
07-03-10119	Microwave Antennas	1	Lot
07-03-10120	-Parabolic Dish (2.4- 3) m. diameter .	4	Set
07-03-10121	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-10122	Connector Flanges.	4	Set
07-03-10123	Tower Attachment.	4	Set
07-03-10124	Installation & Maintenance tools & materials.	1	Set
07-03-10129	Microwave Feeders	1	Lot
07-03-10130	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-10131	Medium capacity dehydrator.	1	Unit
07-03-10132	Pressure Window.	4	Unit
07-03-10133	Fixture clamps.	4	Set
07-03-10134	Earthing Kits.	4	Set
07-03-10135	Installation Materials & Tools.	2	Set
07-03-10136	Documentation.	1	Set
07-03-10139	DC Power Plant	1	Lot
07-03-10140	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-10141	-48V,200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-10142	Cabinet.	2	Set
07-03-10143	Installation Materials , cables, Tools.	1	Set
07-03-10144	Documentation.	1	Set
07-03-10149	Air Conditioners	1	Lot
07-03-10150	-Duplicated 24000 BTU Unit.	2	Set
07-03-10151	Piping & Installation Materials & fixtures.	2	Set
07-03-10152	Spare parts.	2	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-10153	Documentation.	2	Set
07-03-10159	Diesel Engine Generator	1	Lot
07-03-10160	-Capacity 50 KVA, Triple Set.	1	Set
07-03-10161	Daily Fuel Tank.	1	Set
07-03-10162	Fan.	1	Set
07-03-10163	Piping.	1	Set
07-03-10164	Control cubicle & Alarms.	1	Set
07-03-10165	Installation Materials & Tools.	1	Set
07-03-10166	-Spare parts & PCB's.	1	Set
07-03-10167	Documentation.	1	Set
07-03-10169	SDH Multiplex Equipment	1	Lot
07-03-10170	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-10171	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-10172	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	0	Set
07-03-10173	Access & connection modules.	0	Set
07-03-10174	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units,controllers ,connectors, ETC.....	0	Lot
07-03-10175	-Full Matrix (duplicated).	0	Unit
07-03-10176	Auxiliary /Engineering order wire.	0	Set
07-03-10177	Telephone Handset.	0	Set
07-03-10178	Installation Materials & Tools.	0	Lot
07-03-10179	-Racks with power supply unit (duplicated)and cable head.	0	Set
07-03-10180	Digital Distribution Frames.	0	Set
07-03-10181	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-10182	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-10183	Spare parts & Spare units.	1	Lot
07-03-10184	Installation Materials & Tools.	1	Lot
07-03-10185	Documentation.	1	Set
07-03-10189	Network Management Equipment	1	Lot
07-03-10190	Central Network Management System platform(Hard ware)	0	Lot
07-03-10191	Central Network Management System software packages.	0	Set
07-03-10192	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-10193	Mediation , Interface, and connection cards &modules.	0	Lot
07-03-10194	Installation Materials & Tools.	0	Lot
07-03-10195	Documentation..	1	Set
07-03-10200	Test Instruments	1	Lot
07-03-10201	Digital Multimeter.	1	Set
07-03-10202	-Frequency Counter .	0	Set
07-03-10203	-Power Meter .	0	Set
07-03-10204	-PCM Multiplex Tester .	0	Set
07-03-10205	-RF Sweep Generator .	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-10206	VSWR Test Set.	0	Set
07-03-10207	-Scalar Network Analyzer .	0	Set
07-03-10208	RF Spectrum Analyzer.	0	Set
07-03-10209	SDH Analyzer for STM-1	0	Set
07-03-10210	-TX / RX MW Link Analyzer .	0	Set
07-03-10211	-PDH Analyzer (2Mb/s).	0	Set
07-03-10212	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-10213	Vedio Test Set.	0	Set
07-03-10214	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-10215	cables & Adapters.	1	Set
07-03-10216	waveguide / Coax. Adapters.	1	Set
07-03-10219	Documentation.	1	Set
07-03-10220	Specific Tools	1	Lot
07-03-10221	-20 Ton Lorry with crane & winch.	0	Unit
07-03-10222	Specific Maintenance tools	1	Lot
07-03-10223	Station tools	1	Lot
07-03-10224	Special tools for waveguide.	1	Lot
07-03-10229	Installation Tools.	1	Lot
07-03-10230	Services	1	Lot
07-03-10231	Factory Training Abroad.	2	Trainee
07-03-10232	Training In Iraq.	4	Trainee
07-03-11100	-Supervision Services (Supplier	1	Expert
07-03-11101	SDH Microwave Radio Equipment	1	Lot
07-03-11102	STM-1, 6GHZ (4+1) Radio Terminal. With Frequency & Space Diversity all	2	Set
07-03-11103	-128 QAM Modems Modules.	10	Set
07-03-11104	Protection Switch.	1	Set
07-03-11105	Engineering order wire channel.	1	Set
07-03-11106	-2Mb/s auxiliary traffic.	1	Set
07-03-11107	Interface to Central Network	1	Set
07-03-11108	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-11109	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-11110	Installation & Maintenance tools & materials.	2	Set
07-03-11111	Spare parts & Spare units.	2	Set
07-03-11119	Documentation.	1	Set
07-03-11119	-70 m.high self supporting steel twer for 4*3.6 m.dia. parabolic mw. Antannas,all complet with access lader ,rest platforms,earthing ,lighting ,lightning protection and painting ...etc	1	Lot
07-03-11120	Microwave Antennas	1	Lot
07-03-11121	-Parabolic Dish (2.4-3.0m diameter).	4	Set
07-03-11122	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-11123	Connector Flanges.	4	Set
07-03-11124	Tower Attachment.	4	Set
07-03-11129	Installation & Maintenance tools & materials.	1	Set
07-03-11130	Microwave Feeders	1	Lot
07-03-11131	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-11132	Medium capacity dehydrator.	1	Unit
07-03-11133	Pressure Window.	4	Unit
07-03-11134	Fixture clamps.	4	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-11135	Earthing Kits.	4	Set
07-03-11136	Installation Materials & Tools.	1	Set
07-03-11139	Documentation.	1	Set
07-03-11140	DC Power Plant	1	Lot
07-03-11141	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-11142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-11143	Cabinet.	2	Set
07-03-11144	Installation Materials , cables, Tools.	1	Set
07-03-11149	Documentation.	1	Set
07-03-11150	Air Conditioners	1	Lot
07-03-11151	-Duplicated 24000 BTU Unit.	2	Set
07-03-11152	Piping & Installation Materials & fixtures.	2	Set
07-03-11153	Spare parts.	2	Set
07-03-11159	Documentation.	2	Set
07-03-11160	Diesel Engine Generator	1	Lot
07-03-11161	-Capacity 50 KVA, Triplel Set.	1	Set
07-03-11162	Daily Fuel Tank.	1	Set
07-03-11163	Fan.	1	Set
07-03-11164	Piping.	1	Set
07-03-11165	Control cubicle & Alarms.	1	Set
07-03-11166	Installation Materials & Tools.	1	Set
07-03-11167	-Spare parts & PCB's.	1	Set
07-03-11169	Documentation.	1	Set
07-03-11170	SDH Multiplex Equipment	1	Lot
07-03-11171	-STM-4 Mutliplexer Subrack with redundant common units	1	Set
07-03-11172	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-11173	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-11174	Access & connection modules.	2	Set
07-03-11175	V-S Encoding-Decoding Equipment 34Mb/s IP/OP contai- nd in subracks with common units & with function units, controllers ,connectors, ETC.....	2	Lot
07-03-11176	-Full Matrix (duplicated).	1	Unit
07-03-11177	Auxiliary /Engineering order wire.	1	Set
07-03-11178	Telephone Handset.	1	Lot
07-03-11179	Installation Materials & Tools.	1	Lot
07-03-11180	-Racks with power supply unit (duplicated)and cable head.	2	Set
07-03-11181	Digital Distribution Frames.	2	Set
07-03-11182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-11183	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-11184	Spare parts & Spare units.	1	Lot
07-03-11185	Installation Materials & Tools.	1	Lot
07-03-11189	Documentation.	1	Set
07-03-11190	Network Management Equipment	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-11191	Central Network Management System platform(Hard ware)	0	Lot
07-03-11192	Central Network Management System software packages.	0	Set
07-03-11193	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-11194	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-11195	Installation Materials & Tools.	1	Lot
07-03-11200	Documentation..	1	Set
07-03-11201	Test Instruments	1	Lot
07-03-11202	Digital Multimeter.	1	Set
07-03-11203	-Frequency Counter .	0	Set
07-03-11204	-Power Meter .	0	Set
07-03-11205	-PCM Multiplex Tester .	1	Set
07-03-11206	-RF Sweep Generator .	0	Set
07-03-11207	VSWR Test Set.	0	Set
07-03-11208	-Scalar Network Analyzer .	0	Set
07-03-11209	RF Spectrum Analyzer.	0	Set
07-03-11210	SDH Analyzer for STM-1	0	Set
07-03-11211	-TX / RX MW Link Analyzer .	0	Set
07-03-11212	-PDH Analyzer (2Mb/s).	0	Set
07-03-11213	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-11214	Vedio Test Set.	0	Set
07-03-11215	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-11216	cables & Adapters.	1	Set
07-03-11219	waveguide / Coax. Adapters.	1	Set
07-03-11220	Documentation.	1	Set
07-03-11221	Specific Tools	1	Lot
07-03-11222	-20 Ton Lorry with crane & winch.	0	Unit
07-03-11223	Specific Maintenance tools	1	Lot
07-03-11224	Station tools	1	Lot
07-03-11229	Special tools for waveguide.	1	Lot
07-03-11230	Installation Tools.	1	Lot
07-03-11231	Services	1	Lot
07-03-11232	Factory Training Abroad.	1	Trainee
07-03-12100	Training In Iraq.	3	Trainee
07-03-12101	-Supervision Services (Supplier	1	Expert
07-03-12102	SDH Microwave Radio Equipment	1	Lot
07-03-12103	-STM-1, 6GHZ (4+1), Radio Repeater With Frequency & Space Diversity all complete.	1	Set
07-03-12104	-128 QAM Modems Modules.	10	Set
07-03-12105	Protection Switch.	1	Set
07-03-12106	Engineering order wire channel.	1	Set
07-03-12107	-2Mb/s auxiliary traffic.	1	Set
07-03-12108	Interface to Central Network	1	Set
07-03-12109	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-12110	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-12111	Installation & Maintenance tools & materials.	1	lot
07-03-12119	Spare parts & Spare units.	1	lot
07-03-12119	Documentation.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-12120	-70 m.high self supporting steel twer for 4*3.6 m.dia. parabolic mw. Antannas,all complet with access lader ,rest platforms,earthing ,lighting ,lightning protection and painting ...etc	1	Lot
07-03-12121	Microwave Antennas	1	Lot
07-03-12122	-Parabolic Dish (3 -3.7m. diameter).	4	Set
07-03-12123	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-12124	Connector Flanges.	4	Set
07-03-12129	Tower Attachment.	4	Set
07-03-12130	Installation & Maintenance tools & materials.	1	Set
07-03-12131	Microwave Feeders	1	Lot
07-03-12132	-Elliptical waveguide for 11&6 GHZ band .	400	Meter
07-03-12133	Medium capacity dehydrator.	1	Unit
07-03-12134	Pressure Window.	4	Unit
07-03-12135	Fixture clamps.	4	Set
07-03-12136	Earthing Kits.	4	Set
07-03-12139	Installation Materials & Tools.	4	Set
07-03-12140	Documentation.	1	Set
07-03-12141	DC Power Plant	1	Lot
07-03-12142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-12143	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-12144	Cabinet.	2	Set
07-03-12149	Installation Materials , cables, Tools.	1	Set
07-03-12150	Documentation.	1	Set
07-03-12151	Air Conditioners	1	Lot
07-03-12152	-Duplicated 18000 / 24000 BTU Unit.	2	Set
07-03-12153	Piping & Installation Materials & fixtures.	2	Set
07-03-12159	Spare parts.	2	Set
07-03-12160	Documentation.	2	Set
07-03-12161	Diesel Engine Generator	1	Lot
07-03-12162	-Capacity 50 KVA, Triple Set.	1	Set
07-03-12163	Daily Fuel Tank.	1	Set
07-03-12164	Fan.	1	Set
07-03-12165	Piping.	1	Set
07-03-12166	Control cubicle & Alarms.	1	Set
07-03-12167	Installation Materials & Tools.	1	Set
07-03-12169	-Spare parts & PCB's.	1	Set
07-03-12170	Documentation.	1	Set
07-03-12171	SDH Multiplex Equipment	1	Lot
07-03-12172	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-12173	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-12174	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	0	Set
07-03-12175	Access & connection modules.	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-12176	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	0	Lot
07-03-12177	-Full Matrix (duplicated).	0	Unit
07-03-12178	Auxiliary /Engineering order wire.	0	Set
07-03-12179	Telephone Handset.	0	Lot
07-03-12180	Installation Materials & Tools.	0	Lot
07-03-12181	-Racks with power supply unit (duplicated)and cable head.	0	Set
07-03-12182	Digital Distribution Frames.	0	Set
07-03-12183	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-12184	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-12185	Spare parts & Spare units.	1	Lot
07-03-12189	Installation Materials & Tools.	1	Lot
07-03-12190	Documentation.	1	Set
07-03-12191	Network Management Equipment	1	Lot
07-03-12192	Central Network Management System platform(Hard ware)	0	Lot
07-03-12193	Central Network Management System software packages.	0	Set
07-03-12194	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-12195	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-12200	Installation Materials & Tools.	1	Lot
07-03-12201	Documentation..	1	Set
07-03-12202	Test Instruments	1	Lot
07-03-12203	Digital Multimeter.	1	Set
07-03-12204	-Frequency Counter .	0	Set
07-03-12205	-Power Meter .	0	Set
07-03-12206	-PCM Multiplex Tester .	1	Set
07-03-12207	-RF Sweep Generator .	0	Set
07-03-12208	VSWR Test Set.	0	Set
07-03-12209	-Scalar Network Analyzer .	0	Set
07-03-12210	RF Spectrum Analyzer.	0	Set
07-03-12211	SDH Analyzer for STM-1	0	Set
07-03-12212	-TX / RX MW Link Analyzer .	0	Set
07-03-12213	-PDH Analyzer (2Mb/s).	0	Set
07-03-12214	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-12215	Vedio Test Set.	0	Set
07-03-12216	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-12219	cables & Adapters.	1	Set
07-03-12220	waveguide / Coax. Adapters.	1	Set
07-03-12221	Documentation.	1	Set
07-03-12222	Specific Tools	1	Lot
07-03-12223	-20 Ton Lorry with crane & winch.	0	Unit
07-03-12224	Specific Maintenance tools	1	Lot
07-03-12229	Station tools	1	Lot
07-03-12230	Special tools for waveguide.	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-12231	Installation Tools.	1	Lot
07-03-12232	Services	1	Lot
07-03-13100	Factory Training Abroad.	1	Trainee
07-03-13101	Training In Iraq.	3	Trainee
07-03-13102	-Supervision Services (Supplier	1	Expert
07-03-13103	SDH Microwave Radio Equipment	1	Lot
07-03-13104	-STM-1, 6 GHZ (4+1) Radio Repeater With Frequency & Space Diversity all	1	Set
07-03-13105	-128 QAM Modems Modules.	10	Set
07-03-13106	Protection Switch.	1	Set
07-03-13107	Engineering order wire channel.	1	Set
07-03-13108	-2Mb/s auxiliary traffic.	1	Set
07-03-13109	Interface to Central Network	1	Set
07-03-13110	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-13111	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-13112	Installation & Maintenance tools & materials.	1	lot
07-03-13119	Spare parts & Spare units.	1	lot
07-03-13119	Documentation.	1	Set
07-03-13120	Microwave Antennas	1	Lot
07-03-13121	-Parabolic Dish (3 -3.7m. diameter).	4	Set
07-03-13122	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-13123	Connector Flanges.	4	Set
07-03-13124	Tower Attachment.	4	Set
07-03-13129	Installation & Maintenance tools & materials.	1	Set
07-03-13130	Microwave Feeders	1	Lot
07-03-13131	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-13132	Medium capacity dehydrator.	1	Unit
07-03-13133	Pressure Window.	4	Unit
07-03-13134	Fixture clamps.	4	Set
07-03-13135	Earthing Kits.	4	Set
07-03-13136	Installation Materials & Tools.	4	Set
07-03-13139	Documentation.	1	Set
07-03-13140	DC Power Plant	1	Lot
07-03-13141	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-13142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-13143	Cabinet.	2	Set
07-03-13144	Installation Materials , cables, Tools.	1	Set
07-03-13149	Documentation.	1	Set
07-03-13150	Air Conditioners	1	Lot
07-03-13151	-Duplicated 24000 BTU Unit.	2	Set
07-03-13152	Piping & Installation Materials & fixtures.	2	Set
07-03-13153	Spare parts.	2	Set
07-03-13159	Documentation.	2	Set
07-03-13160	Diesel Engine Generator	1	Lot
07-03-13161	-Capacity 50 KVA, Triple Set.	1	Set
07-03-13162	Daily Fuel Tank.	1	Set
07-03-13163	Fan.	1	Set
07-03-13164	Piping.	1	Set
07-03-13165	Control cubicle & Alarms.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-13166	Installation Materials & Tools.	1	lot
07-03-13167	-Spare parts & PCB's.	1	lot
07-03-13169	Documentation.	1	Set
07-03-13170	SDH Multiplex Equipment	1	Lot
07-03-13171	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-13172	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-13173	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	0	Set
07-03-13174	Access & connection modules.	0	Set
07-03-13175	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units,controllers ,connectors, ETC.....	0	Lot
07-03-13176	-Full Matrix (duplicated).	0	Unit
07-03-13177	Auxiliary /Engineering order wire.	0	Set
07-03-13178	Telephone Handset.	0	Lot
07-03-13179	Installation Materials & Tools.	0	Lot
07-03-13180	-Racks with power supply unit (duplicated)and cable head.	0	Set
07-03-13181	Digital Distribution Frames.	0	Set
07-03-13182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-13183	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-13184	Spare parts & Spare units.	1	Lot
07-03-13185	Installation Materials & Tools.	1	Lot
07-03-13189	Documentation.	1	Set
07-03-13190	Network Management Equipment	0	Lot
07-03-13191	Central Network Management System platform(Hard ware)	0	Lot
07-03-13192	Central Network Management System software packages.	0	Set
07-03-13193	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-13194	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-13195	Installation Materials & Tools.	1	Lot
07-03-13200	Documentation..	1	Set
07-03-13201	Test Instruments	0	Lot
07-03-13202	Digital Multimeter.	1	Set
07-03-13203	-Frequency Counter .	0	Set
07-03-13204	-Power Meter .	0	Set
07-03-13205	-PCM Multiplex Tester .	1	Set
07-03-13206	-RF Sweep Generator .	0	Set
07-03-13207	VSWR Test Set.	0	Set
07-03-13208	-Scalar Network Analyzer .	0	Set
07-03-13209	RF Spectrum Analyzer.	0	Set
07-03-13210	SDH Analyzer for STM-1	0	Set
07-03-13211	-TX / RX MW Link Analyzer .	0	Set
07-03-13212	-PDH Analyzer (2Mb/s).	0	Set
07-03-13213	-Oscilloscope 500 MHZ Dual channel.	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-13214	Vedio Test Set.	0	Set
07-03-13215	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-13216	cables & Adapters.	0	Set
07-03-13219	waveguide / Coax. Adapters.	0	Set
07-03-13220	Documentation.	1	Set
07-03-13221	Specific Tools	0	Lot
07-03-13222	-20 Ton Lorry with crane & winch.	0	Unit
07-03-13223	Specific Maintenance tools	0	Lot
07-03-13224	Station tools	1	Lot
07-03-13229	Special tools for waveguide.	0	Lot
07-03-13230	Installation Tools.	0	Lot
07-03-13231	Services	1	Lot
07-03-13232	Factory Training Abroad.	1	Trainee
07-03-14100	Training In Iraq.	2	Trainee
07-03-14101	-Supervision Services (Supplier	1	Expert
07-03-14102	SDH Microwave Radio Equipment	1	Lot
07-03-14103	-STM-1, 6 GHZ (4+1) Radio Reeater With Frequency & Space Diversity all	1	Set
07-03-14104	-128 QAM Modems Modules.	10	Set
07-03-14105	Protection Switch.	1	Set
07-03-14106	Engineering order wire channel.	1	Set
07-03-14107	-2Mb/s auxiliary traffic.	1	Set
07-03-14108	Interface to Central Network	1	Set
07-03-14109	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-14110	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-14111	Installation & Maintenance tools & materials.	1	lot
07-03-14119	Spare parts & Spare units.	1	lot
07-03-14119	Documentation.	1	Set
07-03-14120	Microwave Antennas	1	Lot
07-03-14121	-Parabolic Dish (2.4-3.7m. diameter).	4	Set
07-03-14122	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-14123	Connector Flanges.	4	Set
07-03-14124	Tower Attachment.	4	Set
07-03-14129	Installation & Maintenance tools & materials.	1	Set
07-03-14130	Microwave Feeders	1	Lot
07-03-14131	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-14132	Medium capacity dehydrator.	1	Unit
07-03-14133	Pressure Window.	4	Unit
07-03-14134	Fixture clamps.	4	Set
07-03-14135	Earthing Kits.	4	Set
07-03-14136	Installation Materials & Tools.	4	Set
07-03-14139	Documentation.	1	Set
07-03-14140	DC Power Plant	1	Lot
07-03-14141	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-14142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-14143	Cabinet.	2	Set
07-03-14144	Installation Materials , cables, Tools.	1	lot
07-03-14149	Documentation.	1	Set
07-03-14150	Air Conditioners	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-14151	-Duplicated 24000 BTU Unit.	2	Set
07-03-14152	Piping & Installation Materials & fixtures.	2	Set
07-03-14153	Spare parts.	2	Set
07-03-14159	Documentation.	2	Set
07-03-14160	Diesel Engine Generator	1	Lot
07-03-14161	-Capacity 50 KVA, Triple Set.	1	Set
07-03-14162	Daily Fuel Tank.	1	Set
07-03-14163	Fan.	1	Set
07-03-14164	Piping.	1	Set
07-03-14165	Control cubicle & Alarms.	1	Set
07-03-14166	Installation Materials & Tools.	1	lot
07-03-14167	-Spare parts & PCB's.	1	Set
07-03-14169	Documentation.	1	Set
07-03-14170	SDH Multiplex Equipment	1	Lot
07-03-14171	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-14172	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-14173	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	0	Set
07-03-14174	Access & connection modules.	0	Set
07-03-14175	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	0	Lot
07-03-14176	-Full Matrix (duplicated).	0	Unit
07-03-14177	Auxiliary /Engineering order wire.	0	Set
07-03-14178	Telephone Handset.	0	Lot
07-03-14179	Installation Materials & Tools.	0	Lot
07-03-14180	-Racks with power supply unit (duplicated)and cable head.	0	Set
07-03-14181	Digital Distribution Frames.	0	Set
07-03-14182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-14183	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-14184	Spare parts & Spare units.	1	Lot
07-03-14185	Installation Materials & Tools.	1	Lot
07-03-14189	Documentation.	1	Set
07-03-14190	Network Management Equipment	0	Lot
07-03-14191	Central Network Management System platform(Hard ware)	0	Lot
07-03-14192	Central Network Management System software packages.	0	Set
07-03-14193	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-14194	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-14195	Installation Materials & Tools.	1	Lot
07-03-14200	Documentation..	1	Set
07-03-14201	Test Instruments	0	Lot
07-03-14202	Digital Multimeter.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-14203	-Frequency Counter .	1	Set
07-03-14204	-Power Meter .	1	Set
07-03-14205	-PCM Multiplex Tester .	0	Set
07-03-14206	-RF Sweep Generator .	0	Set
07-03-14207	VSWR Test Set.	0	Set
07-03-14208	-Scalar Network Analyzer .	0	Set
07-03-14209	RF Spectrum Analyzer.	0	Set
07-03-14210	SDH Analyzer for STM-1	0	Set
07-03-14211	-TX / RX MW Link Analyzer .	0	Set
07-03-14212	-PDH Analyzer (2Mb/s).	0	Set
07-03-14213	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-14214	Vedio Test Set.	0	Set
07-03-14215	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-14216	cables & Adapters.	1	Set
07-03-14219	waveguide / Coax. Adapters.	1	Set
07-03-14220	Documentation.	1	Set
07-03-14221	Specific Tools	0	Lot
07-03-14222	-20 Ton Lorry with crane & winch.	0	Unit
07-03-14223	Specific Maintenance tools	0	Lot
07-03-14224	Station tools	1	Lot
07-03-14229	Special tools for waveguide.	0	Lot
07-03-14230	Installation Tools.	0	Lot
07-03-14231	Services	1	Lot
07-03-14232	Factory Training Abroad.	0	Trainee
07-03-15100	Training In Iraq.	0	Trainee
07-03-15101	-Supervision Services (Supplier	1	Expert
07-03-15102	SDH Microwave Radio Equipment	1	Lot
07-03-15103	-STM-1, 6 GHZ (4+1)&(1+1) 11GHZ& 6GHZ Radio Terminal With Frequency & Space Diversity all complete.	4	Set
07-03-15104	-128 QAM Modems Modules.	12	Set
07-03-15105	Protection Switch.	3	Set
07-03-15106	Engineering order wire channel.	3	Set
07-03-15107	-2Mb/s auxiliary traffic.	2	Set
07-03-15108	Interface to Central Network	3	Set
07-03-15109	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-15110	-Rack with 48V. d/c unit (duplicated).	6	Set
07-03-15111	Installation & Maintenance tools & materials.	1	Set
07-03-15119	Spare parts & Spare units.	1	Set
07-03-15119	Documentation.	1	Set
07-03-15120	-Galvanized steel self suboorted 70m high microwave Tower all complet with earthing, Painting .lighting &fightning subsystem (concrete fowdatwns)	1	lot
07-03-15121	Microwave Antennas	1	Lot
07-03-15122	-Parabolic Dish (2.4-3.0m. diameter).	7	Set
07-03-15123	-Antenna Radiation Element with (1 / 2)Ports.	7	Set
07-03-15124	Connector Flanges.	7	Set
07-03-15129	Tower Attachment.	7	Set
07-03-15130	Installation & Maintenance tools & Materials	1	Set
07-03-15131	Microwave Feeders	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-15132	-Elliptical waveguide for 8/6 GHZ band	700	Meter
07-03-15133	Medium capacity dehydrator.	1	Unit
07-03-15134	Pressure Window.	7	Unit
07-03-15135	Fixture clamps.	7	Set
07-03-15136	Earthing Kits.	7	Set
07-03-15139	Installation Materials & Tools.	7	Set
07-03-15140	Documentation.	1	Set
07-03-15141	DC Power Plant	1	Lot
07-03-15142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-15143	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-15144	Cabinet.	2	Set
07-03-15149	Installation Materials , cables, Tools.	1	lot
07-03-15150	Documentation.	1	Set
07-03-15151	Air Conditioners	1	Lot
07-03-15152	-Duplicated 24000 BTU Unit.	2	Set
07-03-15153	Piping & Installation Materials & fixtures.	2	Set
07-03-15159	Spare parts.	2	Set
07-03-15160	Documentation.	2	Set
07-03-15161	Diesel Engine Generator	1	Lot
07-03-15162	-Capacity 50 KVA, Dual Set.	1	Set
07-03-15163	Daily Fuel Tank.	1	Set
07-03-15164	Fan.	1	Set
07-03-15165	Piping.	1	Set
07-03-15166	Control cubicle & Alarms.	1	Set
07-03-15167	Installation Materials & Tools.	1	lot
07-03-15169	-Spare parts & PCB's.	1	Set
07-03-15170	Documentation.	1	Set
07-03-15171	SDH Multiplex Equipment	1	Lot
07-03-15172	-STM-4 Mutliplexer Subrack with redundant common units	2	Set
07-03-15173	-STM-1 Multiplex Subrack with redundant common units	2	Set
07-03-15174	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	3	Set
07-03-15175	Access & connection modules.	3	Set
07-03-15176	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	2	Lot
07-03-15177	-Full Matrix (duplicated).	4	Unit
07-03-15178	Auxiliary /Engineering order wire.	3	Set
07-03-15179	Telephone Handset.	3	Lot
07-03-15180	Installation Materials & Tools.	3	Lot
07-03-15181	-Racks with power supply unit (duplicated)and cable head.	3	Set
07-03-15182	Digital Distribution Frames.	1	Set
07-03-15183	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-15184	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-15185	Spare parts & Spare units.	1	Lot
07-03-15189	Installation Materials & Tools.	1	Lot
07-03-15190	Documentation.	1	Set
07-03-15191	Network Management Equipment	0	Lot
07-03-15192	Central Network Management System platform(Hard ware)	0	Lot
07-03-15193	Central Network Management System software packages.	0	Set
07-03-15194	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-15195	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-15200	Installation Materials & Tools.	1	Lot
07-03-15201	Documentation..	1	Set
07-03-15202	Test Instruments	0	Lot
07-03-15203	Digital Multimeter.	1	Set
07-03-15204	-Frequency Counter .	1	Set
07-03-15205	-Power Meter .	1	Set
07-03-15206	-PCM Multiplex Tester .	1	Set
07-03-15207	-RF Sweep Generator .	0	Set
07-03-15208	VSWR Test Set.	0	Set
07-03-15209	-Scalar Network Analyzer .	0	Set
07-03-15210	RF Spectrum Analyzer.	0	Set
07-03-15211	SDH Analyzer for STM-1	0	Set
07-03-15212	-TX / RX MW Link Analyzer .	0	Set
07-03-15213	-PDH Analyzer (2Mb/s).	0	Set
07-03-15214	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-15215	Vedio Test Set.	0	Set
07-03-15216	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-15219	cables & Adapters.	1	Set
07-03-15220	waveguide / Coax. Adapters.	1	Set
07-03-15221	Documentation.	1	Set
07-03-15222	Specific Tools	0	Lot
07-03-15223	-20 Ton Lorry with crane & winch.	0	Unit
07-03-15224	Specific Maintenance tools	0	Lot
07-03-15229	Station tools	1	Lot
07-03-15230	Special tools for waveguide.	0	Lot
07-03-15231	Installation Tools.	0	Lot
07-03-15232	Services	1	Lot
07-03-16100	Factory Training Abroad.	0	Trainee
07-03-16101	Training In Iraq.	0	Trainee
07-03-16102	-Supervision Services (Supplier	1	Expert
07-03-16103	SDH Microwave Radio Equipment	1	Lot
07-03-16104	-STM-1,11GHZ (1+1) Radio terminal	1	Set
07-03-16105	-128 QAM Modems Modules.	2	Set
07-03-16106	Protection Switch.	1	Set
07-03-16107	Engineering order wire channel.	1	Set
07-03-16108	-2Mb/s auxiliary traffic.	1	Set
07-03-16109	Interface to Central Network	1	Set
07-03-16110	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-16111	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-16119	Installation & Maintenance tools & materials.	1	lot
07-03-16119	Spare parts & Spare units.	1	lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-16120	Documentation.	1	Set
07-03-16121	Microwave Antennas	1	Lot
07-03-16122	-Parabolic Dish (1.8-2.4m. diameter).	1	Set
07-03-16123	-Antenna Radiation Element with (1 / 2)Ports.	1	Set
07-03-16124	Connector Flanges.	1	Set
07-03-16129	Tower Attachment.	1	Set
07-03-16130	Installation & Maintenance tools & materials.	1	Set
07-03-16131	Microwave Feeders	1	Lot
07-03-16132	-Elliptical waveguide for 11GHZ band .	100	Meter
07-03-16133	Medium capacity dehydrator.	1	Unit
07-03-16134	Pressure Window.	1	Unit
07-03-16135	Fixture clamps.	1	Set
07-03-16136	Earthing Kits.	1	Set
07-03-16139	Installation Materials & Tools.	1	lot
07-03-16140	Documentation.	1	Set
07-03-16141	DC Power Plant	1	Lot
07-03-16142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-16143	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-16144	Cabinet.	2	Set
07-03-16149	Installation Materials , cables, Tools.	1	Set
07-03-16150	Documentation.	1	Set
07-03-16151	Air Conditioners	1	Lot
07-03-16152	-Duplicated 24000 BTU Unit.	2	Set
07-03-16153	Piping & Installation Materials & fixtures.	2	Set
07-03-16159	Spare parts.	2	Set
07-03-16160	Documentation.	2	Set
07-03-16161	Diesel Engine Generator	1	Lot
07-03-16162	-Capacity 50 KVA, Single Set.	1	Set
07-03-16163	Daily Fuel Tank.	1	Set
07-03-16164	Fan.	1	Set
07-03-16165	Piping.	1	Set
07-03-16166	Control cubicle & Alarms.	1	Set
07-03-16167	Installation Materials & Tools.	1	lot
07-03-16169	-Spare parts & PCB's.	1	Set
07-03-16170	Documentation.	1	Set
07-03-16171	SDH Multiplex Equipment	1	Lot
07-03-16171	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-16172	-STM-1 Multiplex Subrack with redundant common units	1	Set
07-03-16173	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-16175	Access & connection modules.	1	Set
07-03-16176	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	1	Lot
07-03-16177	-Full Matrix (duplicated).	1	Unit
07-03-16178	Auxiliary /Engineering order wire.	1	Set
07-03-16179	Telephone Handset.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-16180	Installation Materials & Tools.	0	Lot
07-03-16181	-Racks with power supply unit (duplicated)and cable head.	1	Set
07-03-16182	Digital Distribution Frames.	1	Set
07-03-16183	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-16184	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-16185	Spare parts & Spare units.	1	Lot
07-03-16189	Installation Materials & Tools.	1	Lot
07-03-16190	Documentation.	1	Set
07-03-16191	Network Management Equipment	0	Lot
07-03-16192	Central Network Management System platform(Hard ware)	0	Lot
07-03-16193	Central Network Management System software packages.	0	Set
07-03-16194	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-16195	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-16200	Installation Materials & Tools.	1	Lot
07-03-16201	Documentation..	0	Set
07-03-16202	Test Instruments	1	Lot
07-03-16203	Digital Multimeter.	1	Set
07-03-16204	-Frequency Counter .	1	Set
07-03-16205	-Power Meter .	1	Set
07-03-16206	-PCM Multiplex Tester .	1	Set
07-03-16207	-RF Sweep Generator .	0	Set
07-03-16208	VSWR Test Set.	0	Set
07-03-16209	-Scalar Network Analyzer .	0	Set
07-03-16210	RF Spectrum Analyzer.	0	Set
07-03-16211	SDH Analyzer for STM-1	0	Set
07-03-16212	-TX / RX MW Link Analyzer .	0	Set
07-03-16213	-PDH Analyzer (2Mb/s).	0	Set
07-03-16214	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-16215	Vedio Test Set.	0	Set
07-03-16216	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-16219	cables & Adapters.	1	Set
07-03-16220	waveguide / Coax. Adapters.	1	Set
07-03-16221	Documentation.	1	Set
07-03-16222	Specific Tools	0	Lot
07-03-16223	-20 Ton Lorry with crane & winch.	0	Unit
07-03-16224	Specific Maintenance tools	0	Lot
07-03-16229	Station tools	1	Lot
07-03-16230	Special tools for waveguide.	1	Lot
07-03-16231	Installation Tools.	1	Lot
07-03-16232	Services	1	Lot
07-03-17100	Factory Training Abroad.	0	Trainee
07-03-17101	Training In Iraq.	0	Trainee
07-03-17102	-Supervision Services (Supplier	1	Expert
07-03-17103	SDH Microwave Radio Equipment	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-17104	-STM-1, 6GHZ (4+1)Radio Terminal With Frequency & Space Diversity all	2	Set
07-03-17105	-128 QAM Modems Modules.	10	Set
07-03-17106	Protection Switch.	2	Set
07-03-17107	Engineering order wire channel.	2	Set
07-03-17108	-2Mb/s auxiliary traffic.	1	Set
07-03-17109	Interface to Central Network	2	Set
07-03-17110	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-17111	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-17112	Installation & Maintenance tools & materials.	1	Lot
07-03-17119	Spare parts & Spare units.	1	lot
07-03-17120	Documentation.	1	Set
07-03-17121	Microwave Antennas	1	Lot
07-03-17122	-Parabolic Dish (2.4-3.7m. diameter).	4	Set
07-03-17123	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-17124	Connector Flanges.	4	Set
07-03-17129	Tower Attachment.	4	Set
07-03-17130	Installation & Maintenance tools & materials.	1	Set
07-03-17131	Microwave Feeders	1	Lot
07-03-17132	-Elliptical waveguide for 8/6 GHZ band .	400	Meter
07-03-17133	Medium capacity dehydrator.	1	Unit
07-03-17134	Pressure Window.	4	Unit
07-03-17135	Fixture clamps.	4	Set
07-03-17136	Earthing Kits.	4	Set
07-03-17139	Installation Materials & Tools.	1	Set
07-03-17140	Documentation.	1	Set
07-03-17141	DC Power Plant	1	Lot
07-03-17142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-17143	-48V,200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-17144	Cabinet.	2	Set
07-03-17149	Installation Materials , cables, Tools.	1	Set
07-03-17150	Documentation.	1	Set
07-03-17151	Air Conditioners	1	Lot
07-03-17152	-Duplicated 24000 BTU Unit.	2	Set
07-03-17153	Piping & Installation Materials & fixtures.	2	Set
07-03-17159	Spare parts.	2	Set
07-03-17160	Documentation.	2	Set
07-03-17161	Diesel Engine Generator	1	Lot
07-03-17162	-Capacity 50 KVA, Triple Set.	1	Set
07-03-17163	Daily Fuel Tank.	1	Set
07-03-17164	Fan.	1	Set
07-03-17165	Piping.	1	Set
07-03-17166	Control cubicle & Alarms.	1	Set
07-03-17167	Installation Materials & Tools.	1	lot
07-03-17169	-Spare parts & PCB's.	1	lot
07-03-17170	Documentation.	1	Set
07-03-17171	SDH Multiplex Equipment	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-17172	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-17173	-STM-1 Multiplex Subrack with redundant common units	1	Set
07-03-17174	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-17175	Access & connection modules.	2	Set
07-03-17176	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	0	Lot
07-03-17177	-Full Matrix (duplicated).	1	Unit
07-03-17178	Auxiliary /Engineering order wire.	1	Set
07-03-17179	Telephone Handset.	1	Lot
07-03-17180	Installation Materials & Tools.	1	Lot
07-03-17181	-Racks with power supply unit (duplicated)and cable head.	1	Set
07-03-17182	Digital Distribution Frames.	1	Set
07-03-17183	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-17184	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-17185	Spare parts & Spare units.	1	Lot
07-03-17189	Installation Materials & Tools.	1	Lot
07-03-17190	Documentation.	1	Set
07-03-17191	Network Management Equipment	1	Lot
07-03-17192	Central Network Management System platform(Hard ware)	0	Lot
07-03-17193	Central Network Management System software packages.	0	Set
07-03-17194	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-17195	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-17200	Installation Materials & Tools.	1	Lot
07-03-17201	Documentation..	1	Set
07-03-17202	Test Instruments	1	Lot
07-03-17203	Digital Multimeter.	1	Set
07-03-17204	-Frequency Counter .	1	Set
07-03-17205	-Power Meter .	1	Set
07-03-17206	-PCM Multiplex Tester .	1	Set
07-03-17207	-RF Sweep Generator .	0	Set
07-03-17208	VSWR Test Set.	0	Set
07-03-17209	-Scalar Network Analyzer .	0	Set
07-03-17210	RF Spectrum Analyzer.	0	Set
07-03-17211	SDH Analyzer for STM-1	0	Set
07-03-17212	-TX / RX MW Link Analyzer .	0	Set
07-03-17213	-PDH Analyzer (2Mb/s).	0	Set
07-03-17214	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-17215	Vedio Test Set.	1	Set
07-03-17216	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-17219	cables & Adapters.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-17220	waveguide / Coax. Adapters.	1	Set
07-03-17221	Documentation.	1	Set
07-03-17222	Specific Tools	1	Lot
07-03-17223	-20 Ton Lorry with crane & winch.	0	Unit
07-03-17224	Specific Maintenance tools	1	Lot
07-03-17229	Station tools	1	Lot
07-03-17230	Special tools for waveguide.	1	Lot
07-03-17231	Installation Tools.	1	Lot
07-03-17232	Services	1	Lot
07-03-18100	Factory Training Abroad.	1	Trainee
07-03-18101	Training In Iraq.	3	Trainee
07-03-18102	-Supervision Services (Supplier	1	Expert
07-03-18103	SDH Microwave Radio Equipment	1	Lot
07-03-18104	-STM-1, 6 GHZ (4+1),(2+1) RadioTerminal With Frequency & Space Diversity all complete.	3	Set
07-03-18105	-128 QAM Modems Modules.	11	Set
07-03-18106	Protection Switch.	3	Set
07-03-18107	Engineering order wire channel.	3	Set
07-03-18108	-2Mb/s auxiliary traffic.	3	Set
07-03-18109	Interface to Central Network	3	Set
07-03-18110	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-18111	-Rack with 48V. d/c unit (duplicated).	4	Set
07-03-18112	Installation & Maintenance tools & materials.	1	lot
07-03-18119	Spare parts & Spare units.	1	lot
07-03-18119	Documentation.	1	Set
07-03-18120	Microwave Antennas	1	Lot
07-03-18121	-Parabolic Dish (3 -3.7m. diameter).	6	Set
07-03-18122	-Antenna Radiation Element with (1 / 2)Ports.	6	Set
07-03-18123	Connector Flanges.	6	Set
07-03-18124	Tower Attachment.	6	Set
07-03-18129	Installation & Maintenance tools & materials.	1	Set
07-03-18130	Microwave Feeders	1	Lot
07-03-18131	-Elliptical waveguide for 8/6 GHZ band	600	Meter
07-03-18132	Medium capacity dehydrator.	1	Unit
07-03-18133	Pressure Window.	6	Unit
07-03-18134	Fixture clamps.	6	Set
07-03-18135	Earthing Kits.	6	Set
07-03-18136	Installation Materials & Tools.	6	Set
07-03-18139	Documentation.	1	Set
07-03-18140	DC Power Plant	1	Lot
07-03-18141	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-18142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-18143	Cabinet.	2	Set
07-03-18144	Installation Materials , cables, Tools.	1	Set
07-03-18149	Documentation.	1	Set
07-03-18150	Air Conditioners	1	Lot
07-03-18151	-Duplicated 24000 BTU Unit.	2	Set
07-03-18152	Piping & Installation Materials & fixtures.	2	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-18153	Spare parts.	2	Set
07-03-18159	Documentation.	2	Set
07-03-18160	Diesel Engine Generator	1	Lot
07-03-18161	-Capacity 50 KVA, Triple Set.	1	Set
07-03-18162	Daily Fuel Tank.	1	Set
07-03-18163	Fan.	1	Set
07-03-18164	Piping.	1	Set
07-03-18165	Control cubicle & Alarms.	1	Set
07-03-18166	Installation Materials & Tools.	1	lot
07-03-18167	-Spare parts & PCB's.	1	lot
07-03-18169	Documentation.	1	Set
07-03-18170	SDH Multiplex Equipment	1	Lot
07-03-18171	-STM-4 Mutliplexer Subrack with redundant common units	3	Set
07-03-18172	-STM-1 Multiplex Subrack with redundant common units	1	Set
07-03-18173	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-18174	Access & connection modules.	3	Set
07-03-18175	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	2	Lot
07-03-18176	-Full Matrix (duplicated).	4	Unit
07-03-18177	Auxiliary /Engineering order wire.	3	Set
07-03-18178	Telephone Handset.	3	Lot
07-03-18179	Installation Materials & Tools.	1	Lot
07-03-18180	-Racks with power supply unit (duplicated)and cable head.	3	Set
07-03-18181	Digital Distribution Frames.	1	Set
07-03-18182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-18183	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-18184	Spare parts & Spare units.	1	Lot
07-03-18185	Installation Materials & Tools.	1	Lot
07-03-18189	Documentation.	1	Set
07-03-18190	Network Management Equipment	0	Lot
07-03-18191	Central Network Management System platform(Hard ware)	0	Lot
07-03-18192	Central Network Management System software packages.	0	Set
07-03-18193	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-18194	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-18195	Installation Materials & Tools.	1	Lot
07-03-18200	Documentation..	1	Set
07-03-18201	Test Instruments	0	Lot
07-03-18202	Digital Multimeter.	1	Set
07-03-18203	-Frequency Counter .	0	Set
07-03-18204	-Power Meter .	0	Set
07-03-18205	-PCM Multiplex Tester .	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-18206	-RF Sweep Generator .	0	Set
07-03-18207	VSWR Test Set.	0	Set
07-03-18208	-Scalar Network Analyzer .	0	Set
07-03-18209	RF Spectrum Analyzer.	0	Set
07-03-18210	SDH Analyzer for STM-1	0	Set
07-03-18211	-TX / RX MW Link Analyzer .	0	Set
07-03-18212	-PDH Analyzer (2Mb/s).	0	Set
07-03-18213	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-18214	Vedio Test Set.	0	Set
07-03-18215	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-18216	cables & Adapters.	0	Set
07-03-18219	waveguide / Coax. Adapters.	0	Set
07-03-18220	Documentation.	1	Set
07-03-18221	Specific Tools	0	Lot
07-03-18222	-20 Ton Lorry with crane & winch.	0	Unit
07-03-18223	Specific Maintenance tools	0	Lot
07-03-18224	Station tools	1	Lot
07-03-18229	Special tools for waveguide.	0	Lot
07-03-18230	Installation Tools.	0	Lot
07-03-18231	Services	1	Lot
07-03-18232	Factory Training Abroad.	1	Trainee
07-03-19100	Training In Iraq.	2	Trainee
07-03-19101	-Supervision Services (Supplier	1	Expert
07-03-19102	SDH Microwave Radio Equipment	1	Lot
07-03-19103	-STM-1, 6 GHZ (2+1) Radio Repeate With Frequency & Space Diversity all	1	Set
07-03-19104	-128 QAM Modems Modules.	6	Set
07-03-19105	Protection Switch.	1	Set
07-03-19106	Engineering order wire channel.	1	Set
07-03-19107	-2Mb/s auxiliary traffic.	1	Set
07-03-19108	Interface to Central Network	1	Set
07-03-19109	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-19110	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-19111	Installation & Maintenance tools & materials.	1	lot
07-03-19112	Spare parts & Spare units.	1	lot
07-03-19119	Documentation.	1	Set
07-03-19119	Microwave Antennas	1	Lot
07-03-19120	-Parabolic Dish (3 -3.7m. diameter).	4	Set
07-03-19121	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-19122	Connector Flanges.	4	Set
07-03-19123	Tower Attachment.	4	Set
07-03-19124	Installation & Maintenance tools & materials.	1	Set
07-03-19129	Microwave Feeders	1	Lot
07-03-19130	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-19131	Medium capacity dehydrator.	1	Unit
07-03-19132	Pressure Window.	4	Unit
07-03-19133	Fixture clamps.	4	Set
07-03-19134	Earthing Kits.	4	Set
07-03-19135	Installation Materials & Tools.	4	Set
07-03-19136	Documentation.	1	Set
07-03-19139	DC Power Plant	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-19140	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-19141	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-19142	Cabinet.	2	Set
07-03-19143	Installation Materials , cables, Tools.	1	Set
07-03-19144	Documentation.	1	Set
07-03-19149	Air Conditioners	1	Lot
07-03-19150	-Duplicated 24000 BTU Unit.	2	Set
07-03-19151	Piping & Installation Materials & fixtures.	2	Set
07-03-19152	Spare parts.	2	Set
07-03-19153	Documentation.	2	Set
07-03-19159	Diesel Engine Generator	1	Lot
07-03-19160	-Capacity 50 KVA, Triple Set.	1	Set
07-03-19161	Daily Fuel Tank.	1	Set
07-03-19162	Fan.	1	Set
07-03-19163	Piping.	1	Set
07-03-19164	Control cubicle & Alarms.	1	Set
07-03-19165	Installation Materials & Tools.	1	lot
07-03-19166	-Spare parts & PCB's.	1	lot
07-03-19167	Documentation.	1	Set
07-03-19169	SDH Multiplex Equipment	1	Lot
07-03-19170	-STM-4 Mutliplexer Subrack with redundant common units	1	Set
07-03-19171	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-19172	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	0	Set
07-03-19173	Access & connection modules.	0	Set
07-03-19174	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units,controllers ,connectors, ETC.....	0	Lot
07-03-19175	-Full Matrix (duplicated).	0	Unit
07-03-19176	Auxiliary /Engineering order wire.	0	Set
07-03-19177	Telephone Handset.	0	Lot
07-03-19178	Installation Materials & Tools.	0	Lot
07-03-19179	-Racks with power supply unit (duplicated)and cable head.	0	Set
07-03-19180	Digital Distribution Frames.	0	Set
07-03-19181	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-19182	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-19183	Spare parts & Spare units.	1	Lot
07-03-19184	Installation Materials & Tools.	1	Lot
07-03-19185	Documentation.	1	Set
07-03-19189	Network Management Equipment	0	Lot
07-03-19190	Central Network Management System platform(Hard ware)	0	Lot
07-03-19191	Central Network Management System software packages.	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-19192	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-19193	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-19194	Installation Materials & Tools.	1	Lot
07-03-19195	Documentation..	1	Set
07-03-19200	Test Instruments	0	Lot
07-03-19201	Digital Multimeter.	1	Set
07-03-19202	-Frequency Counter .	0	Set
07-03-19203	-Power Meter .	0	Set
07-03-19204	-PCM Multiplex Tester .	1	Set
07-03-19205	-RF Sweep Generator .	0	Set
07-03-19206	VSWR Test Set.	0	Set
07-03-19207	-Scalar Network Analyzer .	0	Set
07-03-19208	RF Spectrum Analyzer.	0	Set
07-03-19209	SDH Analyzer for STM-1	0	Set
07-03-19210	-TX / RX MW Link Analyzer .	0	Set
07-03-19211	-PDH Analyzer (2Mb/s).	0	Set
07-03-19212	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-19213	Vedio Test Set.	0	Set
07-03-19214	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-19215	cables & Adapters.	0	Set
07-03-19216	waveguide / Coax. Adapters.	0	Set
07-03-19219	Documentation.	1	Set
07-03-19220	Specific Tools	0	Lot
07-03-19221	-20 Ton Lorry with crane & winch.	0	Unit
07-03-19222	Specific Maintenance tools	0	Lot
07-03-19223	Station tools	1	Lot
07-03-19224	Special tools for waveguide.	0	Lot
07-03-19229	Installation Tools.	0	Lot
07-03-19230	Services	1	Lot
07-03-19231	Factory Training Abroad.	1	Trainee
07-03-19232	Training In Iraq.	2	Trainee
07-03-20100	-Supervision Services (Supplier	1	Expert
07-03-20101	SDH Microwave Radio Equipment	1	Lot
07-03-20102	-STM-1, 6 GHZ (2+1) RadioTerminal With Frequency & Space Diversity all	2	Set
07-03-20103	-128 QAM Modems Modules.	6	Set
07-03-20104	Protection Switch.	2	Set
07-03-20105	Engineering order wire channel.	2	Set
07-03-20106	-2Mb/s auxiliary traffic.	1	Set
07-03-20107	Interface to Central Network	2	Set
07-03-20108	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-20109	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-20110	Installation & Maintenance tools & materials.	1	lot
07-03-20111	Spare parts & Spare units.	1	lot
07-03-20112	Documentation.	1	Set
07-03-20113			
07-03-20119	Microwave Antennas	1	Lot
07-03-20119	-Parabolic Dish (3 -3.7m. diameter).	4	Set
07-03-20120	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-20121	Connector Flanges.	4	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-20122	Tower Attachment.	4	Set
07-03-20123	Installation & Maintenance tools & materials.	1	Set
07-03-20124	Microwave Feeders	1	Lot
07-03-20129	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-20130	Medium capacity dehydrator.	1	Unit
07-03-20131	Pressure Window.	4	Unit
07-03-20132	Fixture clamps.	4	Set
07-03-20133	Earthing Kits.	4	Set
07-03-20134	Installation Materials & Tools.	4	Set
07-03-20135	Documentation.	1	Set
07-03-20136	DC Power Plant	1	Lot
07-03-20139	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-20140	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-20141	Cabinet.	2	Set
07-03-20142	Installation Materials , cables, Tools.	1	Set
07-03-20143	Documentation.	1	Set
07-03-20144	Air Conditioners	1	Lot
07-03-20149	-Duplicated 24000 BTU Unit.	2	Set
07-03-20150	Piping & Installation Materials & fixtures.	2	Set
07-03-20151	Spare parts.	2	Set
07-03-20152	Documentation.	2	Set
07-03-20153	Diesel Engine Generator	1	Lot
07-03-20159	-Capacity 50 KVA, Dual Set.	1	Set
07-03-20160	Daily Fuel Tank.	1	Set
07-03-20161	Fan.	1	Set
07-03-20162	Piping.	1	Set
07-03-20163	Control cubicle & Alarms.	1	Set
07-03-20164	Installation Materials & Tools.	1	lot
07-03-20165	-Spare parts & PCB's.	1	lot
07-03-20166	Documentation.	1	Set
07-03-20167	SDH Multiplex Equipment	1	Lot
07-03-20169	-STM-4 Mutliplexer Subrack with redundant common units	1	Set
07-03-20170	-STM-1 Multiplex Subrack with redundant common units	2	Set
07-03-20171	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-20172	Access & connection modules.	2	Set
07-03-20173	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	2	Lot
07-03-20174	-Full Matrix (duplicated).	3	Unit
07-03-20175	Auxiliary /Engineering order wire.	2	Set
07-03-20176	Telephone Handset.	2	Lot
07-03-20177	Installation Materials & Tools.	1	Lot
07-03-20178	-Racks with power supply unit (duplicated)and cable head.	2	Set
07-03-20179	Digital Distribution Frames.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-20180	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-20181	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-20182	Spare parts & Spare units.	1	Lot
07-03-20183	Installation Materials & Tools.	1	Lot
07-03-20184	Documentation.	1	Set
07-03-20185	Network Management Equipment	0	Lot
07-03-20189	Central Network Management System platform(Hard ware)	0	Lot
07-03-20190	Central Network Management System software packages.	0	Set
07-03-20191	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-20192	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-20193	Installation Materials & Tools.	1	Lot
07-03-20194	Documentation..	1	Set
07-03-20195	Test Instruments	0	Lot
07-03-20200	Digital Multimeter.	1	Set
07-03-20201	-Frequency Counter .	0	Set
07-03-20202	-Power Meter .	0	Set
07-03-20203	-PCM Multiplex Tester .	1	Set
07-03-20204	-RF Sweep Generator .	0	Set
07-03-20205	VSWR Test Set.	0	Set
07-03-20206	-Scalar Network Analyzer .	0	Set
07-03-20207	RF Spectrum Analyzer.	0	Set
07-03-20208	SDH Analyzer for STM-1	0	Set
07-03-20209	-TX / RX MW Link Analyzer .	0	Set
07-03-20210	-PDH Analyzer (2Mb/s).	0	Set
07-03-20211	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-20212	Vedio Test Set.	0	Set
07-03-20213	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-20214	cables & Adapters.	0	Set
07-03-20215	waveguide / Coax. Adapters.	0	Set
07-03-20216	Documentation.	1	Set
07-03-20219	Specific Tools	0	Lot
07-03-20220	-20 Ton Lorry with crane & winch.	0	Unit
07-03-20221	Specific Maintenance tools	0	Lot
07-03-20222	Station tools	1	Lot
07-03-20223	Special tools for waveguide.	0	Lot
07-03-20224	Installation Tools.	0	Lot
07-03-20229	Services	1	Lot
07-03-20230	Factory Training Abroad.	1	Trainee
07-03-20231	Training In Iraq.	2	Trainee
07-03-20232	-Supervision Services (Supplier	1	Expert
07-03-21100	SDH Microwave Radio Equipment	1	Lot
07-03-21101	-STM-1, 6 GHZ (2+1) RadioTerminal With Frequency & Space Diversity all	2	Set
07-03-21102	-128 QAM Modems Modules.	6	Set
07-03-21103	Protection Switch.	2	Set
07-03-21104	Engineering order wire channel.	2	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-21105	-2Mb/s auxiliary traffic.	1	Set
07-03-21106	Interface to Central Network	2	Set
07-03-21107	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-21108	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-21109	Installation & Maintenance tools & materials.	1	lot
07-03-21110	Spare parts & Spare units.	1	lot
07-03-21111	Documentation.	1	Set
07-03-21112	100 m.high self supporting steel twer for 4*3.6 m.dia. parabolic mw. Antannas,all complet with access lader ,rest platforms,earthing ,lighting ,lightning protection and painting ...etc	1	Lot
07-03- 211178	Microwave Antennas	1	Lot
07-03-21119	-Parabolic Dish (3 -3.7m. diameter).	4	Set
07-03-21119	-Antenna Radiation Element with (1 / 2)Ports.	4	Set
07-03-21120	Connector Flanges.	4	Set
07-03-21121	Tower Attachment.	4	Set
07-03-21122	Installation & Maintenance tools & materials.	1	Set
07-03-21123	Microwave Feeders	1	Lot
07-03-21124	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-21129	Medium capacity dehydrator.	1	Unit
07-03-21130	Pressure Window.	4	Unit
07-03-21131	Fixture clamps.	4	Set
07-03-21132	Earthing Kits.	4	Set
07-03-21133	Installation Materials & Tools.	4	Set
07-03-21134	Documentation.	1	Set
07-03-21135	DC Power Plant	1	Lot
07-03-21136	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-21139	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-21141	Cabinet.	2	Set
07-03-21142	Installation Materials , cables, Tools.	1	Set
07-03-21142	Documentation.	1	Set
07-03-21143	Air Conditioners	1	Lot
07-03-21144	-Duplicated 24000 BTU Unit.	2	Set
07-03-21149	Piping & Installation Materials & fixtures.	2	Set
07-03-21150	Spare parts.	2	Set
07-03-21151	Documentation.	2	Set
07-03-21152	Diesel Engine Generator	1	Lot
07-03-21153	-Capacity 50 KVA, Dual Set.	1	Set
07-03-21159	Daily Fuel Tank.	1	Set
07-03-21160	Fan.	1	Set
07-03-21161	Piping.	1	Set
07-03-21162	Control cubicle & Alarms.	1	Set
07-03-21163	Installation Materials & Tools.	1	lot
07-03-21164	-Spare parts & PCB's.	1	lot
07-03-21165	Documentation.	1	Set
07-03-21166	SDH Multiplex Equipment	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-21167	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-21169	-STM-1 Multiplex Subrack with redundant common units	1	Set
07-03-21170	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-21171	Access & connection modules.	2	Set
07-03-21172	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	2	Lot
07-03-21173	-Full Matrix (duplicated).	2	Unit
07-03-21174	Auxiliary /Engineering order wire.	1	Set
07-03-21175	Telephone Handset.	1	Lot
07-03-21176	Installation Materials & Tools.	1	Lot
07-03-21177	-Racks with power supply unit (duplicated)and cable head.	1	Set
07-03-21179	Digital Distribution Frames.	1	Set
07-03-21180	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-21181	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-21182	Spare parts & Spare units.	1	Lot
07-03-21182	Installation Materials & Tools.	1	Lot
07-03-21183	Documentation.	1	Set
07-03-21184	Network Management Equipment	0	Lot
07-03-21189	Central Network Management System platform(Hard ware)	0	Lot
07-03-21190	Central Network Management System software packages.	0	Set
07-03-21191	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-21192	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-21193	Installation Materials & Tools.	1	Lot
07-03-21194	Documentation..	1	Set
07-03-21195	Test Instruments	0	Lot
07-03-21200	Digital Multimeter.	1	Set
07-03-21201	-Frequency Counter .	0	Set
07-03-21202	-Power Meter .	0	Set
07-03-21203	-PCM Multiplex Tester .	1	Set
07-03-21204	-RF Sweep Generator .	0	Set
07-03-21205	VSWR Test Set.	0	Set
07-03-21206	-Scalar Network Analyzer .	0	Set
07-03-21207	RF Spectrum Analyzer.	0	Set
07-03-21208	SDH Analyzer for STM-1	0	Set
07-03-21209	-TX / RX MW Link Analyzer .	0	Set
07-03-21210	-PDH Analyzer (2Mb/s).	0	Set
07-03-21211	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-21212	Vedio Test Set.	0	Set
07-03-21213	-RF Attenuators Fixed & Variable (0 - 60)DB.	0	Set
07-03-21214	cables & Adapters.	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-21215	waveguide / Coax. Adapters.	0	Set
07-03-21216	Documentation.	1	Set
07-03-21219	Specific Tools	0	Lot
07-03-21220	-20 Ton Lorry with crane & winch.	0	Unit
07-03-21221	Specific Maintenance tools	0	Lot
07-03-21222	Station tools	1	Lot
07-03-21223	Special tools for waveguide.	0	Lot
07-03-21224	Installation Tools.	0	Lot
07-03-21229	Services	1	Lot
07-03-21230	Factory Training Abroad.	1	Trainee
07-03-21231	Training In Iraq.	2	Trainee
07-03-21232	-Supervision Services (Supplier	1	Expert
07-03-22100	SDH Microwave Radio Equipment	1	Lot
07-03-22101	-STM-1, 6 GHZ (2+1) Radio Terminal With Frequency & Space Diversity all	1	Set
07-03-22102	-128 QAM Modems Modules.	3	Set
07-03-22103	Protection Switch.	1	Set
07-03-22104	Engineering order wire channel.	1	Set
07-03-22105	-2Mb/s auxiliary traffic.	1	Set
07-03-22106	Interface to Central Network	1	Set
07-03-22107	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-22108	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-22109	Installation & Maintenance tools & materials.	1	Set
07-03-22110	Spare parts & Spare units.	1	Set
07-03-22111	Documentation.	1	Set
07-03-22112	-Galvanized steel self suboorted 70m high microwave Tower all complet with earthing, Painting .lighting . &fightning subsystem (concrete	1	Lot
07-03-22119	100 m.high self supporting steel twer for 4*3.6 m.dia. parabolic mw. Antannas,all complet with access lader ,rest platforms,earthing ,lighting ,lightning protection and painting ...etc	1	Lot
07-03-22119	Microwave Antennas	1	Lot
07-03-22120	-Parabolic Dish (2.4-3.0m. diameter).	2	Set
07-03-22121	-Antenna Radiation Element with (1 / 2)Ports.	2	Set
07-03-22122	Connector Flanges.	2	Set
07-03-22123	Tower Attachment.	2	Set
07-03-22124	Installation & Maintenance tools & Materials	1	Set
07-03-22129	Microwave Feeders	1	Lot
07-03-22130	-Elliptical waveguide for 8/6 GHZ band	200	Meter
07-03-22131	Medium capacity dehydrator.	1	Unit
07-03-22132	Pressure Window.	4	Unit
07-03-22133	Fixture clamps.	4	Set
07-03-22134	Earthing Kits.	4	Set
07-03-22135	Installation Materials & Tools.	4	Set
07-03-22136	Documentation.	1	Set
07-03-22139	DC Power Plant	1	Lot
07-03-22140	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-22141	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-22142	Cabinet.	2	Set
07-03-22143	Installation Materials , cables, Tools.	1	lot
07-03-22144	Documentation.	1	Set
07-03-22149	Air Conditioners	1	Lot
07-03-22150	-Duplicated 24000 BTU Unit.	2	Set
07-03-22151	Piping & Installation Materials & fixtures.	2	Set
07-03-22152	Spare parts.	2	Set
07-03-22153	Documentation.	2	Set
07-03-22159	Diesel Engine Generator	1	Lot
07-03-22160	-Capacity 50 KVA, Dual Set.	1	Set
07-03-22161	Daily Fuel Tank.	1	Set
07-03-22162	Fan.	1	Set
07-03-22163	Piping.	1	Set
07-03-22164	Control cubicle & Alarms.	1	Set
07-03-22165	Installation Materials & Tools.	1	lot
07-03-22166	-Spare parts & PCB's.	1	Set
07-03-22167	Documentation.	1	Set
07-03-22169	SDH Multiplex Equipment	1	Lot
07-03-22170	-STM-4 Mutliplexer Subrack with redundant common units	1	Set
07-03-22171	-STM-1 Multiplex Subrack with redundant common units	1	Set
07-03-22172	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-22173	Access & connection modules.	2	Set
07-03-22174	-V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units,controllers ,connectors, ETC.....	1	Lot
07-03-22175	-Full Matrix (duplicated).	2	Unit
07-03-22176	Auxiliary /Engineering order wire.	1	Set
07-03-22177	Telephone Handset.	1	Lot
07-03-22178	Installation Materials & Tools.	1	Lot
07-03-22179	-Racks with power supply unit (duplicated)and cable head.	1	Set
07-03-22180	Digital Distribution Frames.	1	Set
07-03-22182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-22182	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-22183	Spare parts & Spare units.	1	Lot
07-03-22184	Installation Materials & Tools.	1	Lot
07-03-22185	Documentation.	1	Set
07-03-22189	Network Management Equipment	0	Lot
07-03-22190	Central Network Management System platform(Hard ware)	0	Lot
07-03-22191	Central Network Management System software packages.	0	Set
07-03-22192	-Local Network Management Equipment (craft terminals).	0	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-22193	Mediation , Interface, and connection cards & modules.	1	Lot
07-03-22194	Installation Materials & Tools.	1	Lot
07-03-22195	Documentation..	1	Set
07-03-22200	Test Instruments	0	Lot
07-03-22201	Digital Multimeter.	1	Set
07-03-22202	-Frequency Counter .	0	Set
07-03-22203	-Power Meter .	1	Set
07-03-22204	-PCM Multiplex Tester .	1	Set
07-03-22205	-RF Sweep Generator .	0	Set
07-03-22206	VSWR Test Set.	0	Set
07-03-22207	-Scalar Network Analyzer .	0	Set
07-03-22208	RF Spectrum Analyzer.	0	Set
07-03-22209	SDH Analyzer for STM-1	0	Set
07-03-22210	-TX / RX MW Link Analyzer .	0	Set
07-03-22211	-PDH Analyzer (2Mb/s).	0	Set
07-03-22212	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-22213	Vedio Test Set.	0	Set
07-03-22214	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-22215	cables & Adapters.	1	Set
07-03-22216	waveguide / Coax. Adapters.	1	Set
07-03-22219	Documentation.	1	Set
07-03-22220	Specific Tools	0	Lot
07-03-22221	-20 Ton Lorry with crane & winch.	0	Unit
07-03-22222	Specific Maintenance tools	0	Lot
07-03-22223	Station tools	1	Lot
07-03-22224	Special tools for waveguide.	0	Lot
07-03-22229	Installation Tools.	0	Lot
07-03-22230	Services	1	Lot
07-03-22231	Factory Training Abroad.	0	Trainee
07-03-22232	Training In Iraq.	0	Trainee
07-03-23100	-Supervision Services (Supplier	1	Expert
07-03-23101	SDH Microwave Radio Equipment	1	Lot
07-03-23102	-STM-1, 6 GHZ (2+1) Radio Terminal With Frequency & Space Diversity all	2	Set
07-03-23103	-128 QAM Modems Modules.	6	Set
07-03-23104	Protection Switch.	2	Set
07-03-23105	Engineering order wire channel.	1	Set
07-03-23106	-2Mb/s auxiliary traffic.	1	Set
07-03-23107	Interface to Central Network	2	Set
07-03-23108	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-23109	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-23110	Installation & Maintenance tools & materials.	1	Set
07-03-23112	Spare parts & Spare units.	1	Set
07-03-23119	Documentation.	1	Set
07-03-23119	-Galvanized steel self suboorted 70m high microwave Tower all complet with earthing, Painting .lighting . fightning subsystem (concrete fowdatwns)	1	lot
07-03-23120	Microwave Antennas	1	Lot
07-03-23121	-Parabolic Dish (2.4-3.0m. diameter).	4	Set
07-03-23122	-Antenna Radiation Element with (1 / 2)Ports.	4	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-23123	Connector Flanges.	4	Set
07-03-23124	Tower Attachment.	4	Set
07-03-23129	Installation & Maintenance tools & Materials	1	Set
07-03-23130	Microwave Feeders	1	Lot
07-03-23131	-Elliptical waveguide for 8/6 GHZ band	400	Meter
07-03-23132	Medium capacity dehydrator.	1	Unit
07-03-23133	Pressure Window.	4	Unit
07-03-23134	Fixture clamps.	4	Set
07-03-23135	Earthing Kits.	4	Set
07-03-23136	Installation Materials & Tools.	4	Set
07-03-23139	Documentation.	1	Set
07-03-23141	DC Power Plant	1	Lot
07-03-23142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-23142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-23143	Cabinet.	2	Set
07-03-23144	Installation Materials , cables, Tools.	1	lot
07-03-23149	Documentation.	1	Set
07-03-23150	Air Conditioners	1	Lot
07-03-23151	-Duplicated 24000 BTU Unit.	2	Set
07-03-23152	Piping & Installation Materials & fixtures.	2	Set
07-03-23153	Spare parts.	2	Set
07-03-23159	Documentation.	2	Set
07-03-23160	Diesel Engine Generator	1	Lot
07-03-23161	-Capacity 50 KVA, Dual Set.	1	Set
07-03-23162	Daily Fuel Tank.	1	Set
07-03-23163	Fan.	1	Set
07-03-23164	Piping.	1	Set
07-03-23165	Control cubicle & Alarms.	1	Set
07-03-23166	Installation Materials & Tools.	1	lot
07-03-23167	-Spare parts & PCB's.	1	Set
07-03-23169	Documentation.	1	Set
07-03-23170	SDH Multiplex Equipment	1	Lot
07-03-23171	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-23172	-STM-1 Multiplex Subrack with redundant common units	0	Set
07-03-23172	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	0	Set
07-03-23173	Access & connection modules.	0	Set
07-03-23175	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	0	Lot
07-03-23176	-Full Matrix (duplicated).	0	Unit
07-03-23177	Auxiliary /Engineering order wire.	0	Set
07-03-23178	Telephone Handset.	0	Lot
07-03-23179	Installation Materials & Tools.	0	Lot
07-03-23180	-Racks with power supply unit (duplicated)and cable head.	0	Set
07-03-23182	Digital Distribution Frames.	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-23182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	Set
07-03-23183	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-23184	Spare parts & Spare units.	1	Lot
07-03-23185	Installation Materials & Tools.	1	Lot
07-03-23189	Documentation.	1	Set
07-03-23190	Network Management Equipment	0	Lot
07-03-23191	Central Network Management System platform(Hard ware)	0	Lot
07-03-23192	Central Network Management System software packages.	0	Set
07-03-23193	-Local Network Management Equipment (craft terminals).	0	Lot
07-03-23194	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-23195	Installation Materials & Tools.	1	Lot
07-03-23200	Documentation..	1	Set
07-03-23201	Test Instruments	0	Lot
07-03-23202	Digital Multimeter.	1	Set
07-03-23203	-Frequency Counter .	0	Set
07-03-23204	-Power Meter .	1	Set
07-03-23205	-PCM Multiplex Tester .	1	Set
07-03-23206	-RF Sweep Generator .	0	Set
07-03-23207	VSWR Test Set.	0	Set
07-03-23208	-Scalar Network Analyzer .	0	Set
07-03-23209	RF Spectrum Analyzer.	0	Set
07-03-23210	SDH Analyzer for STM-1	0	Set
07-03-23211	-TX / RX MW Link Analyzer .	0	Set
07-03-23212	-PDH Analyzer (2Mb/s).	0	Set
07-03-23213	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-23214	Vedio Test Set.	0	Set
07-03-23215	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-23216	cables & Adapters.	1	Set
07-03-23219	waveguide / Coax. Adapters.	1	Set
07-03-23220	Documentation.	1	Set
07-03-23221	Specific Tools	0	Lot
07-03-23222	-20 Ton Lorry with crane & winch.	0	Unit
07-03-23223	Specific Maintenance tools	0	Lot
07-03-23224	Station tools	1	Lot
07-03-23229	Special tools for waveguide.	0	Lot
07-03-23230	Installation Tools.	0	Lot
07-03-23231	Services	1	Lot
07-03-23232	Factory Training Abroad.	0	Trainee
07-03-24100	Training In Iraq.	0	Trainee
07-03-24101	-Supervision Services (Supplier	1	Expert
07-03-24102	SDH Microwave Radio Equipment	1	Lot
07-03-24103	-STM-1, 6 GHZ (2+1) Radio terminal	1	Set
07-03-24104	-128 QAM Modems Modules.	3	Set
07-03-24105	Protection Switch.	1	Set
07-03-24106	Engineering order wire channel.	1	Set
07-03-24107	-2Mb/s auxiliary traffic.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-24108	Interface to Central Network	1	Set
07-03-24109	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-24110	-Rack with 48V. d/c unit (duplicated).	1	Set
07-03-24112	Installation & Maintenance tools & materials.	1	lot
07-03-24119	Spare parts & Spare units.	1	lot
07-03-24119	Documentation.	1	Set
07-03-24120	Microwave Antennas	1	Lot
07-03-24121	-Parabolic Dish (1.8-2.4m. diameter).	2	Set
07-03-24122	-Antenna Radiation Element with (1 / 2)Ports.	2	Set
07-03-24123	Connector Flanges.	2	Set
07-03-24124	Tower Attachment.	2	Set
07-03-24129	Installation & Maintenance tools & materials.	1	Set
07-03-24130	Microwave Feeders	1	Lot
07-03-24131	-Elliptical waveguide for 11GHZ band .	200	Meter
07-03-24132	Medium capacity dehydrator.	1	Unit
07-03-24133	Pressure Window.	2	Unit
07-03-24134	Fixture clamps.	2	Set
07-03-24135	Earthing Kits.	2	Set
07-03-24136	Installation Materials & Tools.	2	lot
07-03-24139	Documentation.	1	Set
07-03-24141	DC Power Plant	1	Lot
07-03-24142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-24142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-24143	Cabinet.	2	Set
07-03-24144	Installation Materials , cables, Tools.	1	Set
07-03-24149	Documentation.	1	Set
07-03-24150	Air Conditioners	1	Lot
07-03-24151	-Duplicated 24000 BTU Unit.	2	Set
07-03-24152	Piping & Installation Materials & fixtures.	2	Set
07-03-24153	Spare parts.	2	Set
07-03-24159	Documentation.	2	Set
07-03-24160	Diesel Engine Generator	1	Lot
07-03-24161	-Capacity 50 KVA, Dual Set.	1	Set
07-03-24162	Daily Fuel Tank.	1	Set
07-03-24163	Fan.	1	Set
07-03-24164	Piping.	1	Set
07-03-24165	Control cubicle & Alarms.	1	Set
07-03-24166	Installation Materials & Tools.	1	lot
07-03-24167	-Spare parts & PCB's.	1	Set
07-03-24169	Documentation.	1	Set
07-03-24170	SDH Multiplex Equipment	1	Lot
07-03-24172	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-24172	-STM-1 Multiplex Subrack with redundant common units	2	Set
07-03-24173	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-24175	Access & connection modules.	2	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-24176	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	1	Lot
07-03-24177	-Full Matrix (duplicated).	2	Unit
07-03-24178	Auxiliary /Engineering order wire.	1	Set
07-03-24179	Telephone Handset.	1	Set
07-03-24180	Installation Materials & Tools.	0	Lot
07-03-24182	-Racks with power supply unit (duplicated)and cable head.	1	Set
07-03-24182	Digital Distribution Frames.	1	Set
07-03-24184	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-24185	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-24189	Spare parts & Spare units.	1	Lot
07-03-24190	Installation Materials & Tools.	1	Lot
07-03-24191	Documentation.	1	Set
07-03-24192	Network Management Equipment	0	Lot
07-03-24193	Central Network Management System platform(Hard ware)	0	Lot
07-03-24194	Central Network Management System software packages.	0	Set
07-03-24195	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-24200	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-24201	Installation Materials & Tools.	1	Lot
07-03-24202	Documentation..	0	Set
07-03-24203	Test Instruments	1	Lot
07-03-24204	Digital Multimeter.	1	Set
07-03-24205	-Frequency Counter .	1	Set
07-03-24206	-Power Meter .	1	Set
07-03-24207	-PCM Multiplex Tester .	1	Set
07-03-24208	-RF Sweep Generator .	0	Set
07-03-24209	VSWR Test Set.	0	Set
07-03-24210	-Scalar Network Analyzer .	0	Set
07-03-24211	RF Spectrum Analyzer.	0	Set
07-03-24212	SDH Analyzer for STM-1	0	Set
07-03-24213	-TX / RX MW Link Analyzer .	0	Set
07-03-24214	-PDH Analyzer (2Mb/s).	0	Set
07-03-24215	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-24216	Vedio Test Set.	0	Set
07-03-24219	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-24220	cables & Adapters.	1	Set
07-03-24221	waveguide / Coax. Adapters.	1	Set
07-03-24222	Documentation.	1	Set
07-03-24223	Specific Tools	0	Lot
07-03-24224	-20 Ton Lorry with crane & winch.	0	Unit
07-03-24229	Specific Maintenance tools	0	Lot
07-03-24230	Station tools	1	Lot
07-03-24231	Special tools for waveguide.	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-24232	Installation Tools.	1	Lot
07-03-24263	Services	1	Lot
07-03-25100	Factory Training Abroad.	0	Trainee
07-03-25101	Training In Iraq.	0	Trainee
07-03-25102	-Supervision Services (Supplier	1	Expert
07-03-25103	SDH Microwave Radio Equipment	1	Lot
07-03-25104	-STM-1,11GHZ (1+1) Radio terminal	1	Set
07-03-25105	-128 QAM Modems Modules.	2	Set
07-03-25106	Protection Switch.	1	Set
07-03-25107	Engineering order wire channel.	1	Set
07-03-25108	-2Mb/s auxiliary traffic.	1	Set
07-03-25109	Interface to Central Network	1	Set
07-03-25110	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-25111	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-25112	Installation & Maintenance tools & materials.	1	lot
07-03-25119	Spare parts & Spare units.	1	lot
07-03-25119	Documentation.	1	Set
07-03-25120	Microwave Antennas	1	Lot
07-03-25121	-Parabolic Dish (1.8-2.4m. diameter).	1	Set
07-03-25122	-Antenna Radiation Element with (1 / 2)Ports.	1	Set
07-03-25123	Connector Flanges.	1	Set
07-03-25124	Tower Attachment.	1	Set
07-03-25129	Installation & Maintenance tools & materials.	1	Set
07-03-25130	Microwave Feeders	1	Lot
07-03-25131	-Elliptical waveguide for 11GHZ band .	100	Meter
07-03-25132	Medium capacity dehydrator.	1	Unit
07-03-25133	Pressure Window.	1	Unit
07-03-25134	Fixture clamps.	1	Set
07-03-25135	Earthing Kits.	1	Set
07-03-25136	Installation Materials & Tools.	1	lot
07-03-25139	Documentation.	1	Set
07-03-25141	DC Power Plant	1	Lot
07-03-25142	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-25142	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-25143	Cabinet.	2	Set
07-03-25144	Installation Materials , cables, Tools.	1	Set
07-03-25149	Documentation.	1	Set
07-03-25150	Air Conditioners	1	Lot
07-03-25151	-Duplicated 24000 BTU Unit.	2	Set
07-03-25152	Piping & Installation Materials & fixtures.	2	Set
07-03-25153	Spare parts.	2	Set
07-03-25159	Documentation.	2	Set
07-03-25160	Diesel Engine Generator	1	Lot
07-03-25161	-Capacity 50 KVA, Dual Set.	1	Set
07-03-25162	Daily Fuel Tank.	1	Set
07-03-25163	Fan.	1	Set
07-03-25164	Piping.	1	Set
07-03-25165	Control cubicle & Alarms.	1	Set
07-03-25166	Installation Materials & Tools.	1	lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-25167	-Spare parts & PCB's.	1	Set
07-03-25169	Documentation.	1	Set
07-03-25170	SDH Multiplex Equipment	1	Lot
07-03-25171	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-25172	-STM-1 Multiplex Subrack with redundant common units	1	Set
07-03-25172	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-25173	Access & connection modules.	1	Set
07-03-25175	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	1	Lot
07-03-25176	-Full Matrix (duplicated).	1	Unit
07-03-25177	Auxiliary /Engineering order wire.	1	Set
07-03-25178	Telephone Handset.	1	Set
07-03-25179	Installation Materials & Tools.	0	Lot
07-03-25180	-Racks with power supply unit (duplicated)and cable head.	1	Set
07-03-25181	Digital Distribution Frames.	1	Set
07-03-25182	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-25182	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-25183	Spare parts & Spare units.	1	Lot
07-03-25184	Installation Materials & Tools.	1	Lot
07-03-25189	Documentation.	1	Set
07-03-25190	Network Management Equipment	0	Lot
07-03-25191	Central Network Management System platform(Hard ware)	0	Lot
07-03-25192	Central Network Management System software packages.	0	Set
07-03-25193	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-25194	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-25195	Installation Materials & Tools.	1	Lot
07-03-25200	Documentation..	1	Set
07-03-25201	Test Instruments	1	Lot
07-03-25202	Digital Multimeter.	1	Set
07-03-25203	-Frequency Counter .	1	Set
07-03-25204	-Power Meter .	1	Set
07-03-25205	-PCM Multiplex Tester .	1	Set
07-03-25206	-RF Sweep Generator .	0	Set
07-03-25207	VSWR Test Set.	0	Set
07-03-25208	-Scalar Network Analyzer .	0	Set
07-03-25209	RF Spectrum Analyzer.	0	Set
07-03-25210	SDH Analyzer for STM-1	0	Set
07-03-25211	-TX / RX MW Link Analyzer .	0	Set
07-03-25212	-PDH Analyzer (2Mb/s).	0	Set
07-03-25213	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-25214	Vedio Test Set.	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-25215	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-25216	cables & Adapters.	1	Set
07-03-25219	waveguide / Coax. Adapters.	1	Set
07-03-25220	Documentation.	1	Set
07-03-25221	Specific Tools	0	Lot
07-03-25222	-20 Ton Lorry with crane & winch.	0	Unit
07-03-25223	Specific Maintenance tools	0	Lot
07-03-25224	Station tools	1	Lot
07-03-25229	Special tools for waveguide.	1	Lot
07-03-25230	Installation Tools.	1	Lot
07-03-25231	Services	1	Lot
07-03-25232	Factory Training Abroad.	0	Trainee
07-03-26100	Training In Iraq.	0	Trainee
07-03-26101	-Supervision Services (Supplier	1	Expert
07-03-26102	SDH Microwave Radio Equipment	1	Lot
07-03-26103	-STM-1,6GHZ (1+1) Radio terminal	1	Set
07-03-26104	-128 QAM Modems Modules.	2	Set
07-03-26105	Protection Switch.	1	Set
07-03-26106	Engineering order wire channel.	1	Set
07-03-26107	-2Mb/s auxiliary traffic.	1	Set
07-03-26108	Interface to Central Network	1	Set
07-03-26109	Peripherals (Lap Top PC , ETC.....)	1	Set
07-03-26110	-Rack with 48V. d/c unit (duplicated).	2	Set
07-03-26111	Installation & Maintenance tools & materials.	1	lot
07-03-26119	Spare parts & Spare units.	1	lot
07-03-26120	Documentation.	1	lot
07-03-26121	-Microwave Tower Galvanized steel self suboorted 100m high microwave Tower all complet with earthing, Painting .lighting fightingn subsystem (concrete	1	lot
07-03-26122	Microwave Antennas	1	Lot
07-03-26123	-Parabolic Dish (1.8-2.4m. diameter).	1	Set
07-03-26124	-Antenna Radiation Element with (1 / 2)Ports.	1	Set
07-03-26129	Connector Flanges.	1	Set
07-03-26130	Tower Attachment.	1	Set
07-03-26131	Installation & Maintenance tools & materials.	1	Set
07-03-26132	Microwave Feeders	1	Lot
07-03-26133	-Elliptical waveguide for 11GHZ band .	100	Meter
07-03-26134	Medium capacity dehydrator.	1	Unit
07-03-26135	Pressure Window.	1	Unit
07-03-26136	Fixture clamps.	1	Set
07-03-26139	Earthing Kits.	1	Set
07-03-26140	Installation Materials & Tools.	1	lot
07-03-26141	Documentation	1	Set
07-03-26142	DC Power Plant	1	Lot
07-03-26143	-Modular switched rectifier system 48V / 30Ampere module (2+1)	1	Set
07-03-26144	-48V, 200Ah Lead-Acid Sealed- Batteries(2sets).	1	Lot
07-03-26149	Cabinet.	2	Set
07-03-26150	Installation Materials , cables, Tools.	1	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-26151	Documentation.	1	Set
07-03-26152	Air Conditioners	1	Lot
07-03-26153	-Duplicated 24000 BTU Unit.	2	Set
07-03-26159	Piping & Installation Materials & fixtures.	2	Set
07-03-26160	Spare parts.	2	Set
07-03-26161	Documentation.	2	Set
07-03-26162	Diesel Engine Generator	1	Lot
07-03-26163	-Capacity 50 KVA, Dual Set.	1	Set
07-03-26164	Daily Fuel Tank.	1	Set
07-03-26165	Fan.	1	Set
07-03-26166	Piping.	1	Set
07-03-26167	Control cubicle & Alarms.	1	Set
07-03-26169	Installation Materials & Tools.	1	Lot
07-03-26170	-Spare parts & PCB's.	1	Set
07-03-26171	Documentation.	1	Set
07-03-26171	SDH Multiplex Equipment	1	Lot
07-03-26172	-STM-4 Mutliplexer Subrack with redundant common units	0	Set
07-03-26173	-STM-1 Multiplex Subrack with redundant common units	1	Set
07-03-26174	-Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch , 7x2Mb/s).	1	Set
07-03-26175	Access & connection modules.	1	Set
07-03-26176	V-S Encoding-Decoding Equipment 34Mb/s IP/OP containd in subracks with common units & with function units, controllers ,connectors, ETC.....	1	Lot
07-03-26177	-Full Matrix (duplicated).	1	Unit
07-03-26178	Auxiliary /Engineering order wire.	1	Set
07-03-26179	Telephone Handset.	1	Set
07-03-26180	Installation Materials & Tools.	0	Lot
07-03-26181	-Racks with power supply unit (duplicated)and cable head.	1	Set
07-03-26182	Digital Distribution Frames.	1	Set
07-03-26183	-Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	2	Set
07-03-26184	-Equipment craft terminal for programmed control and display with operation soft ware .	1	Set
07-03-26185	Spare parts & Spare units.	1	Lot
07-03-26189	Installation Materials & Tools.	1	Lot
07-03-26190	Documentation.	1	Set
07-03-26191	Network Management Equipment	0	Lot
07-03-26192	Central Network Management System platform(Hard ware)	0	Lot
07-03-26193	Central Network Management System software packages.	0	Set
07-03-26194	-Local Network Management Equipment (craft terminals).	1	Lot
07-03-26195	Mediation , Interface, and connection cards &modules.	1	Lot
07-03-26196	Installation Materials & Tools.	1	Lot
07-03-26199	Documentation..	0	Set

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-26200	Test Instruments	1	Lot
07-03-26201	Digital Multimeter.	1	Set
07-03-26202	-Frequency Counter .	1	Set
07-03-26203	-Power Meter .	1	Set
07-03-26204	-PCM Multiplex Tester .	1	Set
07-03-26205	-RF Sweep Generator .	0	Set
07-03-26206	VSWR Test Set.	0	Set
07-03-26207	-Scalar Network Analyzer .	0	Set
07-03-26208	RF Spectrum Analyzer.	0	Set
07-03-26209	SDH Analyzer for STM-1	0	Set
07-03-26210	-TX / RX MW Link Analyzer .	0	Set
07-03-26211	-PDH Analyzer (2Mb/s).	0	Set
07-03-26212	-Oscilloscope 500 MHZ Dual channel.	0	Set
07-03-26213	Vedio Test Set.	0	Set
07-03-26214	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	Set
07-03-26215	cables & Adapters.	1	Set
07-03-26216	waveguide / Coax. Adapters.	1	Set
07-03-26219	Documentation.	1	Set
07-03-26220	Specific Tools	0	Lot
07-03-26221	-20 Ton Lorry with crane & winch.	0	Unit
07-03-26222	Specific Maintenance tools	0	Lot
07-03-26223	Station tools	1	Lot
07-03-26224	Special tools for waveguide.	1	Lot
07-03-26229	Installation Tools.	1	Lot
07-03-26230	Services	1	Lot
07-03-26231	Factory Training Abroad.	0	Trainee
07-03-26232	Training In Iraq.	0	Trainee
07-03-27100	SDH Microwave Radio Equipment	1	Lot
07-03-27101	STM-1, 6 GHZ (2+1) Radio Terminal with Frequency & Space Diversity Receiver modules.	2	Set
07-03-27102	-128 QAM Modems Modules.	6	Set
07-03-27103	Protection Switch.	1	Set
07-03-27104	Engineering order wire channel.	1	Set
07-03-27105	-2Mb/s auxiliary traffic.	1	Set
07-03-27106	Interface to Central Network management.	1	Set
07-03-27107	-Peripherals (Lap Top PC	1	Set
07-03-27108	-Rack with 48V. d/c unit & Duplexers.	3	Set
07-03-27109	Installation & Maintenance tools & materials.	1	Set
07-03-27110	Spare parts & Spare units.	1	Set
07-03-27111	Documentation.	1	Set
		1	Set
07-03-27119	Microwave Antennas	1	Lot
07-03-27120	-Parabolic Dish (1.8m. , 2.4m. diameter).	0	Set
07-03-27121	-Antenna Radiation Element with (one/two)Ports.	0	Set
07-03-27122	Connector Flanges.	0	Set
07-03-27123	Tower Attachment.	0	Set
07-03-27124	Installation & Maintenance tools & materials.	0	Set
07-03-27129	Microwave Feeders	1	Lot

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-27130	-Elliptical waveguide for 11/13 GHZ band .	20	Meter
07-03-27131	Medium capacity dehydrator.	1	Unit
07-03-27132	Pressure Window.	1	Unit
07-03-27133	Fixture clamps.	1	Set
07-03-27134	Earthing Kits.	1	Set
07-03-27135	Installation Materials & Tools.	1	Set
07-03-27136	Documentation.	1	Set
07-03-27139	DC Power Plant	1	Lot
07-03-27140	Modular switched rectifier system 48V / 30A	1	Set
07-03-27141	-48V,200Ah Lead-Acid Sealed- Batteries(2sets).	1	Set
07-03-27142	Cabinet.	1	Set
07-03-27143	-Installation materials , cables, & tools.	1	Set
07-03-27144	Documentation.	1	Set
07-03-27149	Air Conditioners	1	Lot
07-03-27150	-Duplicated 24000 BTU Unit.	2	Set
07-03-27151	Piping & Installation Materials & fixtures.	2	Set
07-03-27152	Spare parts.	2	Set
07-03-27153	Documentation.	2	Set
07-03-27159	Diesel Engine Generator	0	Lot
07-03-27160	-Capacity 50 KVA, Dual Set.	0	Set
07-03-27161	Daily Fuel Tank.	0	Set
07-03-27162	Fan.	0	Set
07-03-27163	Piping.	0	Set
07-03-27164	Control cubicle & Alarms.	0	Set
07-03-27165	Installation Materials & Tools.	0	Set
07-03-27166	-Spare parts & PCB's.	0	Set
07-03-27167	Documentation.	0	Set
07-03-27169	SDH Multiplex Equipment	1	Lot
07-03-27170	STM- 4 Mutliplexer Subrack with redundant common units.	1	Set
07-03-27171	STM-1 Multiplex Subrack with redundant common units.	1	Set
07-03-27172	Tributary Cards (3x34Mb/s, 21x2Mb/s,140/155 Mb/s switch, 7x2Mb/setc.	1	Set
07-03-27173	Access & connection modules.	1	1
07-03-27174	-S4.1 Aggregate port FC / PC (duplicated).	1	1
07-03-27175	-Full Matrix (duplicated).	1	1
07-03-27176	Auxiliary /Engineering order wire.	1	1
07-03-27177	Telephone Handset.	1	1
07-03-27178	Installation Materials & Tools.	1	1
07-03-27179	Racks with power supply unit (Duplicated) and cable head.	1	1
07-03-27180	Digital Distribution Frames.	1	1
07-03-27181	Primary Multiplex (PCM-30CH.) Subrack with common units & channel PCB's of different configurations.	1	1

PROJECT or TITLE:	West Digital Microwave Link (Baghdad - Trabel) &(Bagdad- Walid).		
CODE	DESCRIPTION	QUANTITY	UNIT OF MEASURE
07-03-27182	Equipment craft terminal for programmed Control and display for operation and maintenance.	1	1
07-03-27183	Spare parts & Spare units.	1	1
07-03-27184	Installation Materials & Tools.	1	1
07-03-27185	Documentation.	1	1
07-03-27189	Network Management Equipment	0	0
07-03-27190	Central Network Management System platform (Hard ware).	0	0
07-03-27191	Central Network Management System software packages.	0	0
07-03-27192	Local Network Management Equipment (craft terminals & software kits).	1	1
07-03-27193	Mediation , Interface, and connection cards & modules.	1	1
07-03-27194	Installation Materials & Tools.	1	1
07-03-27195	Documentation..	1	1
07-03-27199	Test Instruments	1	1
07-03-27200	Digital Multimeter.	1	1
07-03-27201	-Frequency Counter .	1	1
07-03-27202	-Power Meter .	1	1
07-03-27203	-PCM Multiplex Tester .	1	1
07-03-27204	-RF Sweep Generator .	1	1
07-03-27205	VSWR Test Set.	1	1
07-03-27206	-Scalar Network Analyzer .	1	1
07-03-27207	RF Spectrum Analyzer.	1	1
07-03-27208	SDH Analyzer for STM-1	1	1
07-03-27209	-TX / RX MW Link Analyzer .	1	1
07-03-27210	-PDH Analyzer (2Mb/s).	1	1
07-03-27211	-Oscilloscope 500 MHZ Dual channel.	1	1
07-03-27212	Vedio Test Set.	1	1
07-03-27213	-RF Attenuators Fixed & Variable (0 - 60)DB.	1	1
07-03-27214	cables & Adapters.	1	1
07-03-27215	waveguide / Coax. Adapters.	1	1
07-03-27216	Documentation.	1	1
07-03-27219	Specific Tools	1	1
07-03-27220	-20 Ton Lorry with crane & winch.	0	0
07-03-27221	Specific Maintenance tools Bag.	1	1
07-03-27222	B106:B107-Station tools Bag.	1	1
07-03-27223	Special tools for waveguide.	1	1
07-03-27224	Installation Tools.	1	1
07-03-27229	Services	1	1
07-03-27230	Factory Training Abroad.	3	3
07-03-27231	Training In Iraq.	6	6
07-03-27232	-Supervision Services (Supplier	1	1