

KUWAIT | U.A.E | BAHRAIN | OMAN | QATAR | PAKISTAN



www.wajdagroup.com

WAJDA KUWAIT

INTRODUCTION

- “WAJDA Group” is a reputed & very familiar name in the field of Telecommunication, Civil & Electromechanical Services.
- Almost three decades proved it's capacity to undertake, execute all kind of installations and turnkey projects.
- Recognized by local & international companies.
- With this valuable experience gained over the years WAJDA Group of companies proved its quality to participate and undertake larger projects.
- Well Equipped, organized, qualified and experienced teams.



COMPANY PORTFOLIO

Our motto 'Quality and standard maintained' in an efficient way.

The company was founded in 1988. Almost three decades of experience.

Our Mission is to maximize the value of services provided for our clients and perform services through a well-managed organization, focusing on quality.

We employ highly skilled and innovative people. We dedicate resources to ensure that all employees are educated, trained, and motivated to provide value-added services.



REGISTRATIONS

Central Tender Committee

- Electrical CAT-2, Civil Cat-3.

Ministries

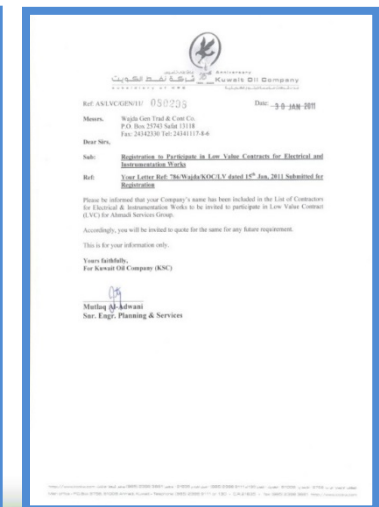
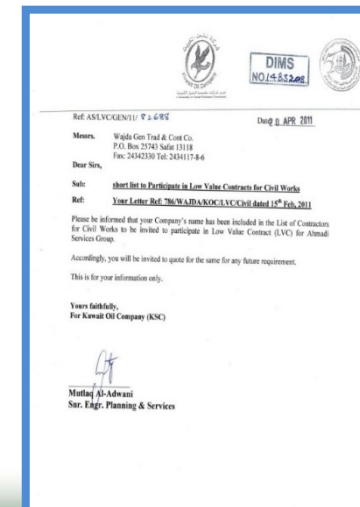
- MOC, MEW, MOI, PAYS, MOE, MOH, MPW, MOD.

Oil Field

- KGOC, KOC.

Telecom

- Ooredoo, Zain, VIVA, Huawei, Ericsson, Motorola, Nokia



Wajda Projects Divisions

Telecommunications

- Towers & Civil Structures
- Microwave Links
- IBS & RF Solutions
- Outdoor Fiber Works
- Indoor Fiber Works

Electro-Mechanical

- Electrical Works
- Civil Construction
- Electro-mechanical
- HVAC
- Back up Power Solutions

Telecommunications END-TO-END PROJECT MANAGEMENT SERVICES



Telecom Network Planning.

Technical Survey, Network Testing and Network Optimization.

Cell site audit, integration and commissioning.

Installation, Testing and Commissioning of Transmission Equipment.

Design, Supply and Installation of Telecom Towers and Shelters.

Turnkey Projects for Telecom Mobile Operators.

Maintenance Services.

List of Major Telecom Projects in Kuwait

S.Noc	Project Name	Opertor	Wajda's Customer	Macro Sites	IBS Sites	Total Sites	Sites Type	Scope of Work	Year
1	Zain Motorola Project	ZAIN	Motorola	29 Phases	-	29 Phases	2G and 3G	Civil, Power and BSS Installation (Outdoor and IBS)	1993-till date
2	Zain Project	ZAIN	ZAIN	2200	-	2200	2G, 3G & LTE	Civil, Power and BSS Installation (Outdoor and IBS)	1994-till date
3	UMTS Network Extension	WATANIYA	NSN/FCCI	115	-	115	3G	Civil, Power and BSS Installation	2006
4	New Sites for Wataniya	WATANIYA	Shabakkat	45	-	45	2G and 3G	Civil, Power and BSS Installation	2008-2009
5	Desert Sites	WATANIYA	Ericsson	9	-	9	2G and 3G	Civil, Power and BSS Installation	1998
6	Zain Project	ZAIN	NSN	320	-	320	2G	Civil, Power and BSS Installation	1998-2001
7	Zain Sites Kuwait & Bahrain	ZAIN	FCCI	345	-	345	2G and 3G	Civil, Power and BSS Installation	2003-2005
8	Zain IBS Project	ZAIN	ZAIN	-	220	220	2G, 3G & LTE	Survey, Design, DAS and BSS Intsallation	2008-till date
9	Mada Communications	MADA	Mada	300	-	300	WiMax	Civil, Power and TE Installation	2009-till date
10	IBS Project	VIVA - KTC	VIVA - KTC	-	24	24	2G and 3G, MW	Survey, Design, Walk-Test, DAS and BSS Intsallation	2008-2009
11	VIVA Project Phase 1	VIVA - KTC	Huawei	96	24	120	2G and 3G, MW	Civil, Power and BSS Installation	2008
12	VIVA Project Phase 2	VIVA - KTC	Huawei	35	25	60	2G and 3G, MW	Civil, Power and BSS Installation	2009-2010
13	VIVA Project Phase 3	VIVA - KTC	Huawei	28	32	60	2G and 3G, MW	Civil, Power and BSS Installation	2010-2011
14	VIVA Project Phase 4	VIVA - KTC	Huawei	55	7	62	2G and 3G, MW	Civil, Power and BSS Installation	2011-till date
15	VIVA COW Project	VIVA - KTC	Huawei	110	-	110	2G and 3G, MW	Civil Work and BSS Installation of COW	2009-2010
16	GRD Monopoles Project	VIVA - KTC	Huawei	188	-	188	2G and 3G, MW	Civil Works and Power Installation	2008-2012
17	50 New IBS Sites	VIVA - KTC	Huawei	-	50	50	2G and 3G, MW	Survey, Design, Walk-Test, DAS and BSS Intsallation	2011-2012
18	KTV Project	MOI	Gatelink	3	-	3	MW	Intsallation of MW Links and UHF/VHF Antennas	2013
19	2G Co-locate Project	VIVA - KTC	Huawei	89	-	89	2G	CW and TE Installation	2009
20	2G 1800 Expansion	VIVA - KTC	Huawei	200	-	200	2G	sector expansion	2009
21	Carrier Expansion Project	VIVA - KTC	Huawei	625	-	625	2G and 3G	CW and TE Istallation	2010
22	3G Expansion	VIVA - KTC	Huawei	525	-	525	3G	CW and TE Istallation	2010-2011
23	LTE Project	VIVA - KTC	Huawei	50	-	50	LTE	CW and TE Istallation	2010-2011
24	LTE MW Project	VIVA - KTC	Huawei	18	-	18	LTE and MW	Microwave Installation (CW and TE Istallation)	2011

TOWER FOUNDATION & ERECTION WORKS

Civil Works from Foundation to Erection.

All kinds of Civil Structures

Camouflage Solutions



Steel Fixing



Concrete Pouring



Tower Assembly & Erection



Back Filling



Concrete Curing

TYPES OF CIVIL STRUCTURES



MONOPOLES



TOWERS



RF GUYED MAST



GF GUYED MAST



PALM TREE



MOSAIC TOWER



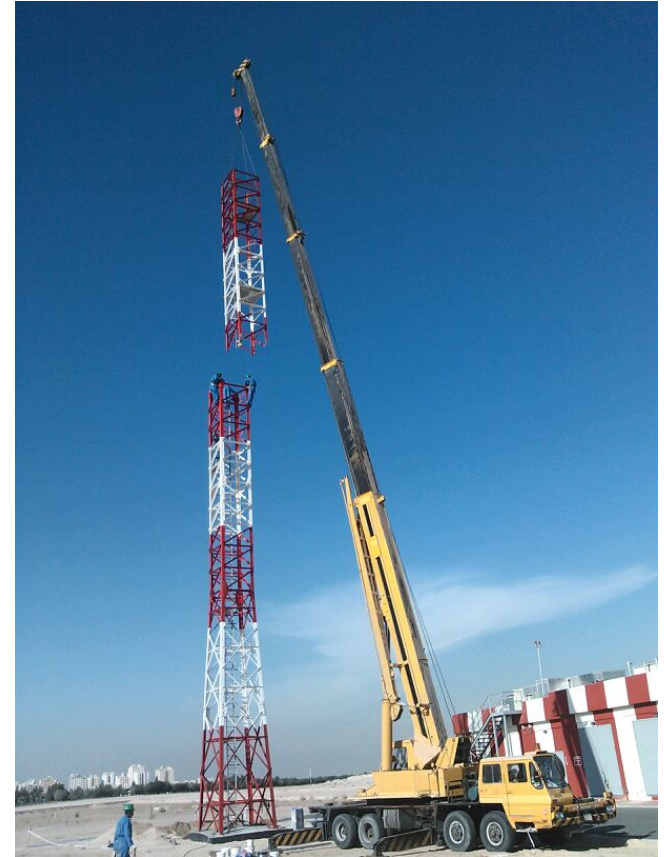
WATER TANK



CAGETOP

MAJOR PROJECTS

- Towers, Monopoles and Masts Deployed for Zain (2200 Structures) , VIVA (800+ Structures) and Ooredoo (500+ Structure) all over Kuwait including highly restricted areas.
- WiMax Towers installations in KOC.
- Radar Towers installation for DGCA/ Kuwait Airport.
- Installation Services at Military Area for American Army.

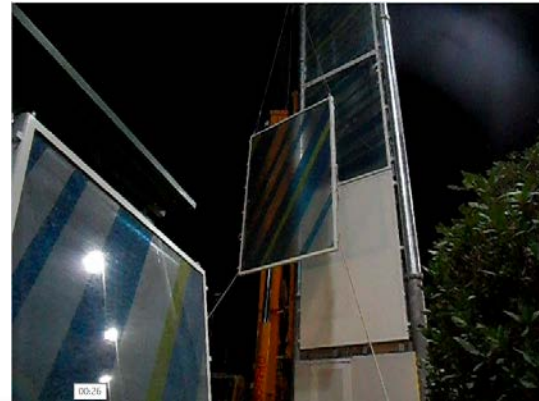


CIVIL WORKS ACHIEVEMENT

Installation of Equipment and
Erection of 'Mosaic Tower'.

First of its kind in the Middle East.

Compact Solution.



MICROWAVE LINKS

Site Survey, Planning and Designing

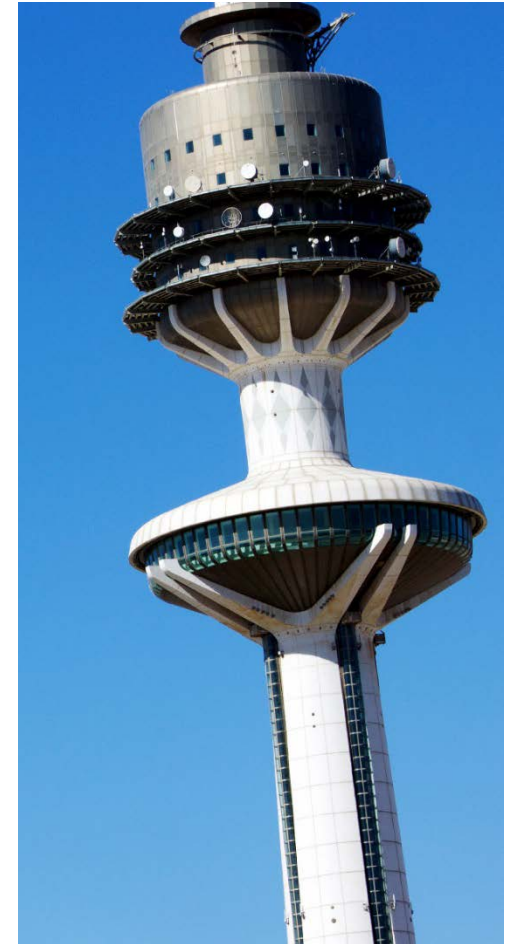
MW Links from 100 m to 75 km.

Link types: 1+0, 1+1, XPIC, SD, HSBY

Antenna Installation at height up to 289 m AGL.

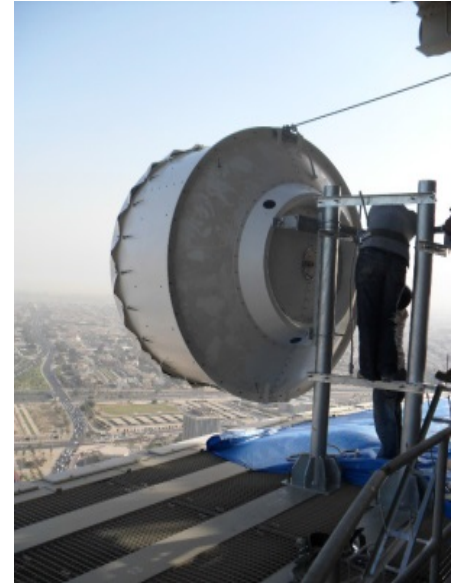
Dish sizes $\varnothing 0.3$ m, $\varnothing 0.6$ m, $\varnothing 1.2$ m, $\varnothing 1.8$ m & $\varnothing 2.8$ m.

Commissioning & Integration.



MAJOR PROJECTS

- 1300+ MW Links for VIVA, Ooredoo, Mada and Zain all over Kuwait including deserts and highly restricted areas.
- Microwave Installation on MOC buildings, Roof-top Poles, Monopoles up to 36 m high and 70 meters high four-legged tower.
- Microwave Link for MI (Microwave Dish Size \varnothing 2.4 m)
 - Magwa to Umm Al-Aish
 - Julaiya Radio Station.
- Installation and Commissioning at MOC Liberation Tower.
 - Liberation Tower to Falaika Island
 - Liberation Tower to Magwa Radio Station



RF MATERIAL AND SERVICES

Site Survey, Planning and Designing

Supply of all RF material and accessories

Commissioning and Integration.

Inspection and Testing.

Spare Parts & Maintenance Services.



OUTDOOR FIBER WORKS

Trenching, Excavation & PVC Pipe Laying for Outdoor FOC.

Planning, Site Survey and Designing.

FOC Laying, Termination, Manholes/Hand holes installation.



Trenching/Fiber Laying



Piping



Manhole Installation



PVC Piping for Fiber

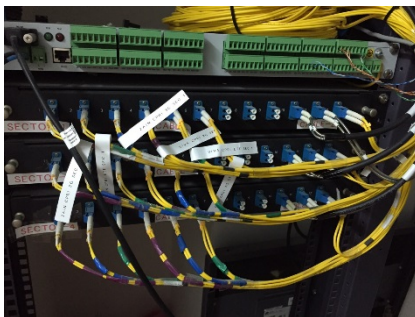
INDOOR FIBER WORKS

Site Survey, Planning and Designing

Indoor FOC Laying & Termination.

Commissioning and Integration.

Inspection and Testing.



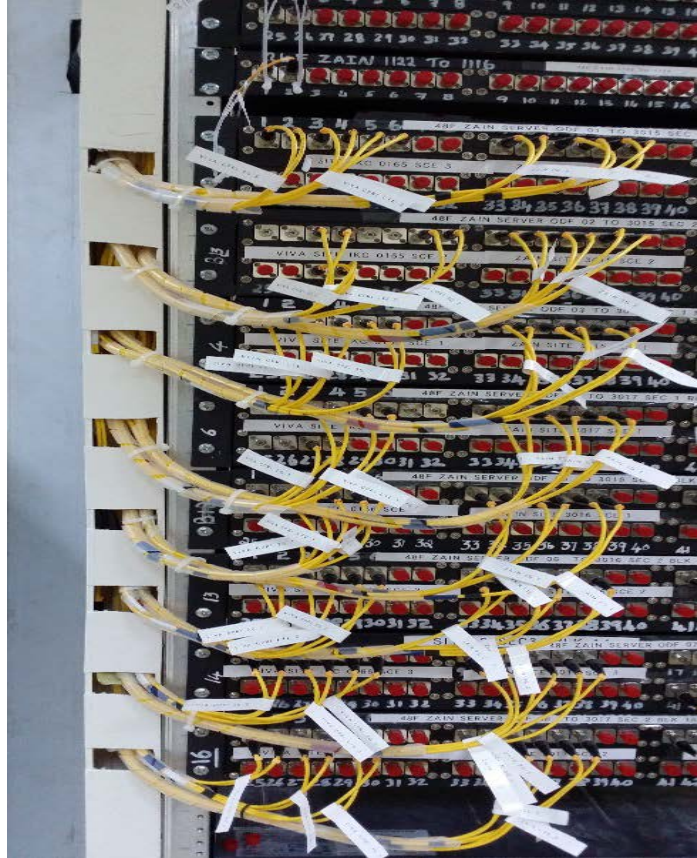
MAJOR PROJECTS

Outdoor

- KTV
- Sobiya Power Station
- Magwa Radio Station

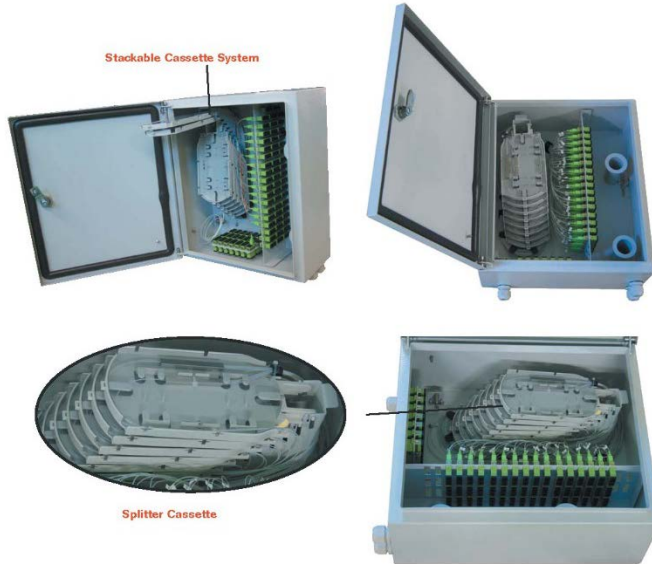
Indoor

- Kuwait Airport
- Seif Palace
- Bayan Place
- Avenues
- Al-Hamara Mall



And have provided FOC installation services at more than 100+ locations all over Kuwait.

FOC PRODUCTS



Patch Panels



FOC Repeaters



FOC Connectors



Fiber Cable Rolls



Patch Cords



FOC Switch

INDOOR WORKS ACHIEVEMENT

IBS Delivered in Four Days

- **WAJDA provided trio-operator shared In-Building**
- **Turnkey solution to ZAIN with 120 Antennas, FOC laying and equipment installation.**
- **Achieved the completion of site within “four days”.**

“Excellent job, we appreciate WAJDA’s great efforts in achieving this challenging task.”

Malek Jaber AlSabah

Project Manager (Radio)

ZAIN Kuwait



“WAJDA team did a great effort in short duration to complete DAS Installation and brought Site on air in target time.”

Sedhurajan UdayKumar

Optimization Engineer

ZAIN Kuwait

IT Projects

Wajda IT Solutions have implemented the below projects since 2016

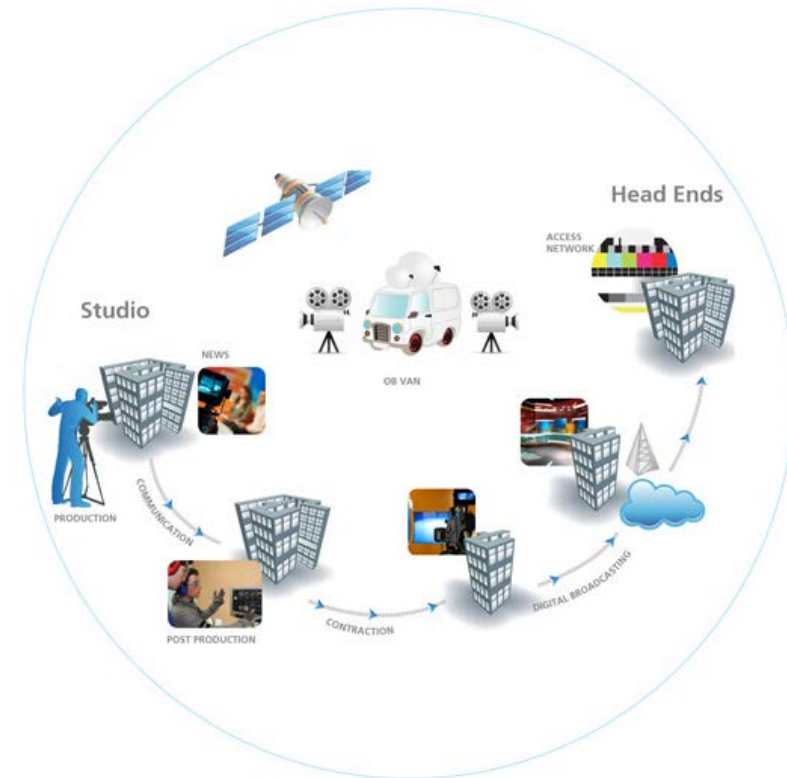
- ESM (Ericsson subscription management) It is state of the art project .. First one in Middle East
- Charging system (CS)
- Billing system (BS CS)
- Open Code Platform



Broadcast Solutions

WAJDA has been implementing Broadcast system projects since 2013. Below is the list of major projects implemented in tis field:

- Fixed Digital Microwave 8 SD channels
- DVBT2 phase 1 year 2013/14
- DVBT2 Phase 2, Year 2015/16
- KTV Studio 800, Year 2015/16
- ASBU Single HD channel Satellite earth station, Year 2015/16
- HD 3G SDI DSNG Vehicles 2018/2019



Media Solutions

WAJDA has been implementing Media and Advertising projects since 2015. Below is the list of major projects implemented:

- KTV New Studio 800 control room interior designing & P1.9 Video Wall, Year 2015/16
- Outdoor P10 Video Wall installation services for GL Year 2017
- Outdoor P10 LED Screens in Rawda, Daiya and Hawally for Block Four Advertising Agency Year 2019/2020



Electrical Services

- **Our services include, but not limited to:**

- Design, Planning & Implementation
- Electrical and Electro-Mechanical Installation
- Inspection, Testing & Commissioning
- Maintenance & Repair
- **Electrical services are commercial, domestic & industrial installations, specializing in:**
- 11KV HT Switchgear
- LV Switchgear Works
- 11KV HT Termination Works
- LV Cables Termination

Works

- Installation & Connection of Transformers
- Installation & Connection of U.D.S.
- All types of electrical wiring
- Bus Duct System
- All types of internal and external lighting
- UPS systems
- Generator back up supplies
- Bus bars distribution
- Fire Alarms & Emergency Lighting



Major Electrical Projects - Kuwait

S. No	Project	Scope
1	Ali Al Sabah Military Academy	Electrical & Low Voltage Works
2	Contract No. 3552710 with Ministry of Defense Mubarkia Camp	Supply & Installation of Generators, 11KV HT Panel & Cables, LT Panel, U.D.Substation., Transformers, etc.
3	Ministry of Defense Early Warning Camp Subhan	Electrical & Low Voltage Works
4	STS Gantry Cranes at Mena Shuaiba Port	Installation & Jointing of HT Cables & LV Cables
5	Car Parking Sheds at Shuwaikh Campus (Kuwait University)	Electrical & Low Voltage Works
6	KOC Beach House Mena Al-Zoor Area	Electrical & Low Voltage Works
7	MEW (Workshop subiya power station)	Electrical Installation
8	Petrol Station Projects (KNPC) Al Qusoor, Al Qurain, Al Jahra, Shdadia, Shuwaikh, Adan, Surra, Hadiya, Ahmadi, Subaiya	Electrical & Low Voltage Works
9	Construction of Cooling Tower (KOC)	Electrical Installation
10	Bait e Zakat Andalus	Electrical & Low Voltage Works
11	Metrology Laboratory MOD Subhan	Electrical & Low Voltage Works
12	AUB Banks Jahra Branch, Al-Soor Branch, Gharnata Branch, Salwa Branch, Head Office Branch	Electrical & Low Voltage Works
13	Oula Petrol Stations (OULA) Shuaiba, Kabd, Mubarak Al Jaber, Omariya, Qurain, Bayan, Khaldiya, Messila, Sixth Ring Road	Electrical & Low Voltage Works
14	Ministry of Interior (Central Prison)	Electrical & Low Voltage Works
15	PCIC Shuaiba	Electrical & Low Voltage Works
16	Studio 800 Kuwait TV	Electrical & Low Voltage Works
17	Kibla Tower Offices	Electrical Works
18	Arif Jan Building # 209	Electrical Works
19	Dahiat Abdullah Al Salim & Mansooriah Co-operative Society	Electrical Installation & Conduiting Works
20	PCIC Shuaiba	Electrical & Low Voltage Works
21	Power Track System at Ahmadi, Saddle Club Ahmadi, Water Boilers at South Ahmadi, North Ahmadi Houses, LED Lights in Parking, Speakers at Avenue Walk Ways Ahmadi, Power Cable Works (KOC)	Electrical & Low Voltage Works
22	NBK Bank – Jahra Branch	Electrical & Low Voltage Works

BACK UP POWER SOLUTIONS AND SERVICES

DC Power Systems

UPS And Inverters

Batteries

Diesel Generators & Solar Solutions

Spare Parts & Maintenance Services.



MAJOR PROJECTS

DC power Systems & Batteries

- Ooredoo
- VIVA

Diesel Generators

- Oula Petrol Stations
- MOD
- Huawei

Solar Solutions

- Huawei



And have provided UPS supply and installation services at more than 50+ locations all over Kuwait.

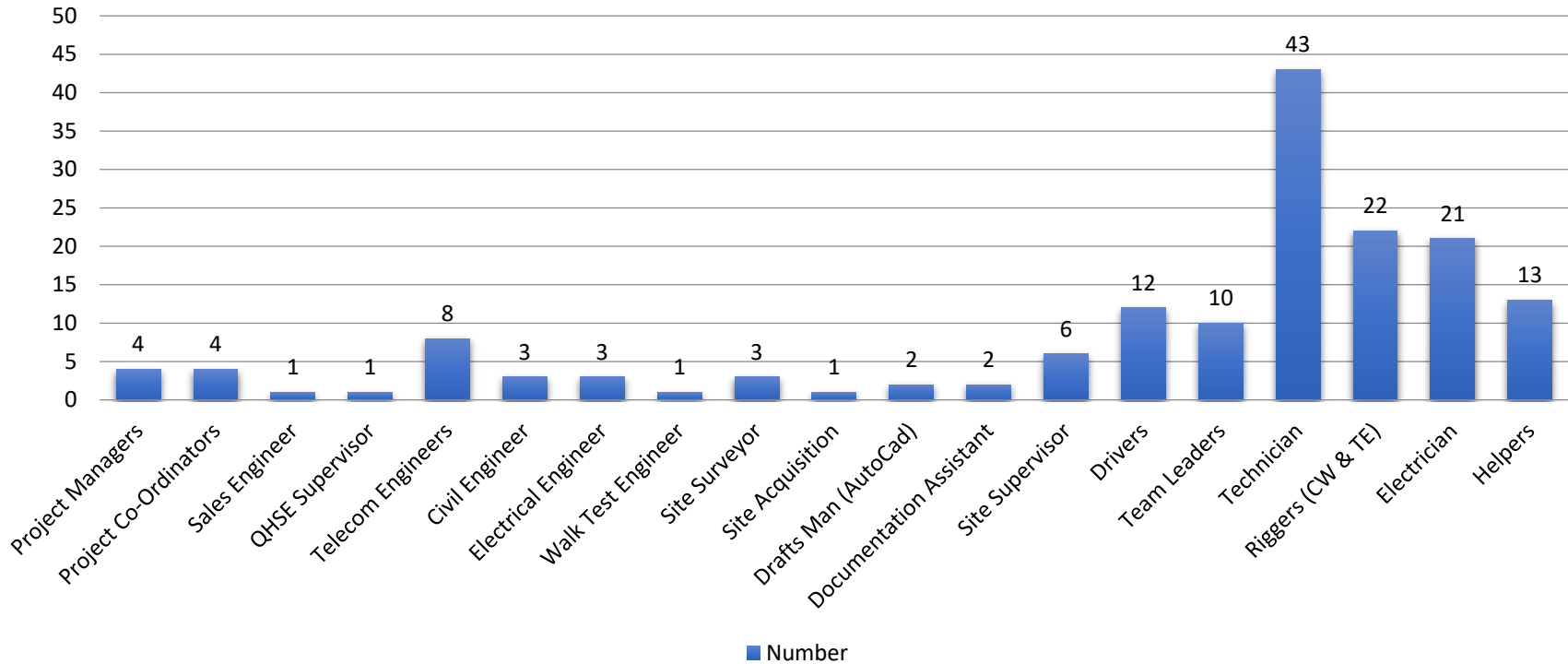
RESOURCES

- Mobilization can be on immediate basis.
- 24 x 7 Presence for Technical Support.
- Having direct engagements with large customer base in Kuwait.
- Maintenance, Spare Parts & After Sales Services.
- MOC Approved Workshop.



RESOURCES IN KUWAIT

Resources Details (Project Team Only)



Testing & Calibration Equipment in Kuwait



Sr. No.	Description	Capacity / Model	Make/Year	Quantity
1	Site Analyzer	Cable/Connector Path Loss Testing (0-6000 MHz)	Bird	3
2	Drilling Machine	Drilling	Hilti	10
3	Nemo Handy Tool	Indoor Coverage Testing	Nemo	1
4	Nemo Analyzer	Analyzing coverage faults	Nemo	1
5	TEMS Investigation	Site Coverage Testing & analyzing	TEMS	2
6	Multimeter	Voltage Testing	Fluke	6
7	IBWave	IBS Site designing	Ibwave	1
8	GPS	Navigation	Garmin	6
9	Rotary Hammer	Serial No.GBH4DEF	Bosch	3
10	Rotary Hammer	Serial No. 200781212	Makita	2
11	Drill	Serial No.367435E	Makita	5
12	Grinder small	Serial No.GWB6-100	Bosch	2
13	Heat Gun	Serial No.221045-08W29	Bosch	1
14	Mager Meter	Serial No.F205FD9G42	FUSO	3
15	Amp Meter	Serial No.966627	Kyoritsu	1
16	Lugs Punch	Serial No.CPO-400		2
17	Rotary Hammer	TE6-DRS	Hilti	1
18	Digital Mager Meter	1 KV	Kaise	1
19	RF Power Meter		Bird USA	4
20	Spectrum Analyzer		Aglient Technologies	1

WAREHOUSES

Wajda have two warehouses, with large material storage capacity.

Ardiya Warehouse

- Area **1000 sq. m.**
- Fully maintained indoor storage facility.
- Storage safe from all weather conditions, humidity and dust.

Mina Abdullah Warehouse

- Area **2000 sq. m.**
- Has Indoor and Outdoor Storage facilities.



Ardiya Warehouse

INTERNATIONAL PROJECTS

Dubai, U.A.E. Oman

- Burj Al Arab
- Jumeriah Beach Hotel
- Ibn-e-Batuta Mall
- Mall of Emirates

- Grand Mall Muscat
- Muscat Airport
- Audit Bureau
- National Assembly Oman

Bahrain

- Seif Mall
- City Center
- Bahrain Intl. Airport



LOCAL AGENCIES



GLOBAL PARTNERS



VISLINK



HUAPTec



ADTEK



EMERSON
Network Power



**HENGXIN
TECHNOLOGY**
亨鑫科技



**TOWERMASTER
CORPORATION**

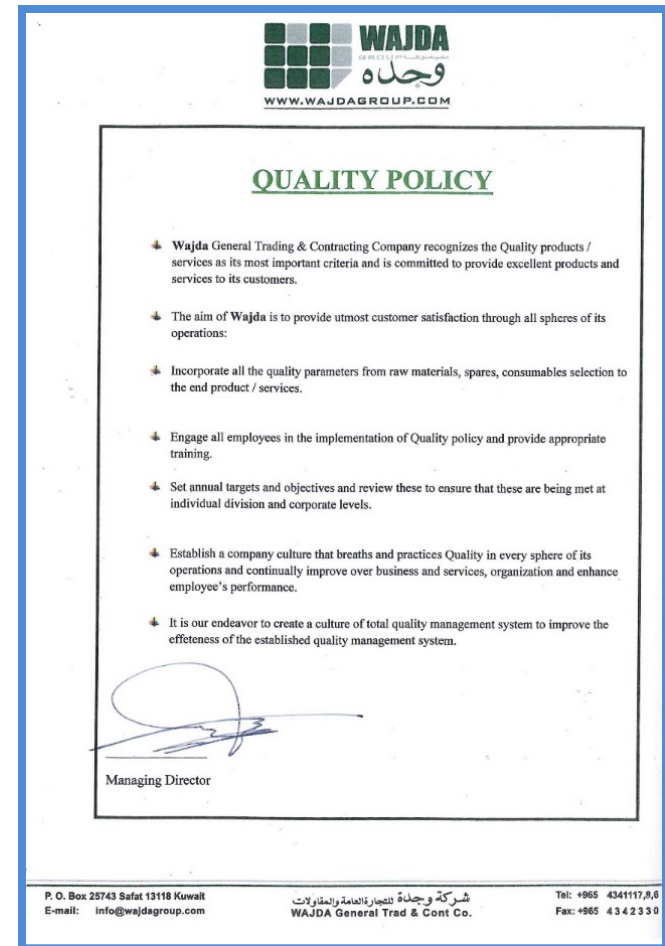


EMEK GROUP®

INTELcan

QUALITY POLICY

- ISO Certified
- Company's Motto: Quality & Standards maintained.
- Guidelines from the management to maintain quality in executed work
- Quality Policy:
 - Implemented
 - Observed
 - Assessed



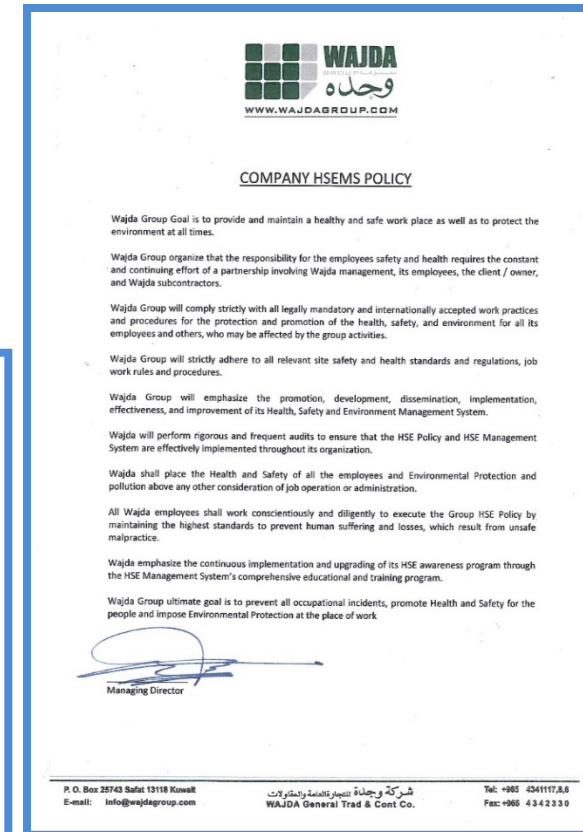


WAJDA
GROUP
وجده



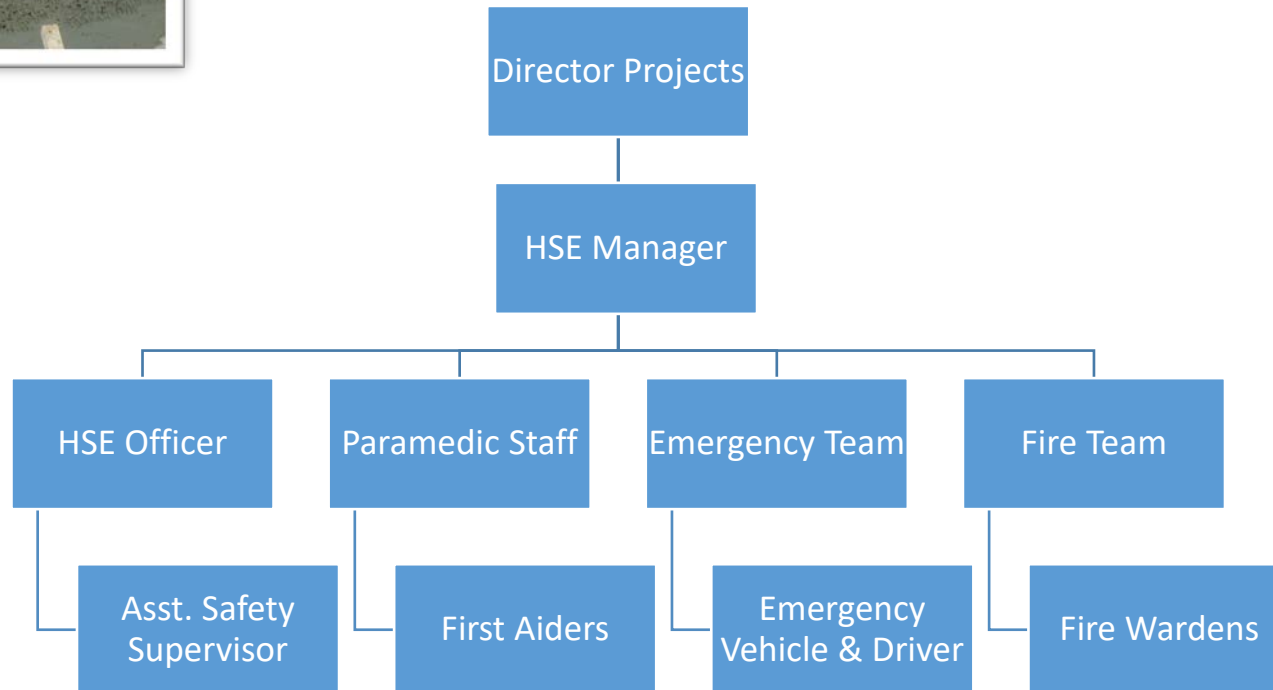
HSE POLICY

- OSHA Certified
- OHSE Policy
- Commitment from the Management
- Guidelines from the management to maintain a healthy work environment.
- Communicated
- Distributed
- Evaluated





HSE SAFETY TEAM





SAFETY FIRST

ON- SITE SAFETY





SAFETY FIRST

SAFETY TRAININGS



CUSTOMERS



Ministry of Defense
وزارة الدفاع



دولة الكويت
وزارة الإعلام



MOTOROLA



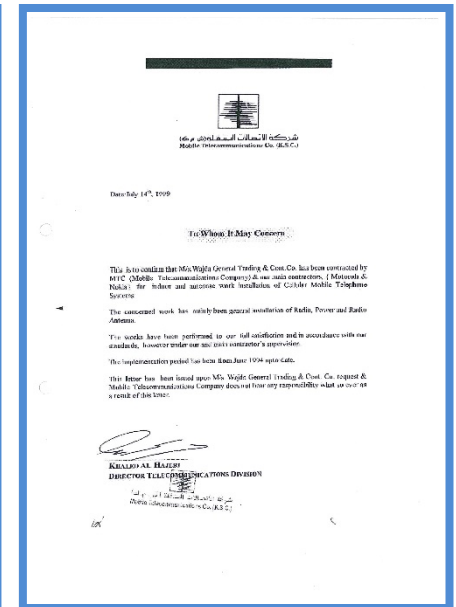
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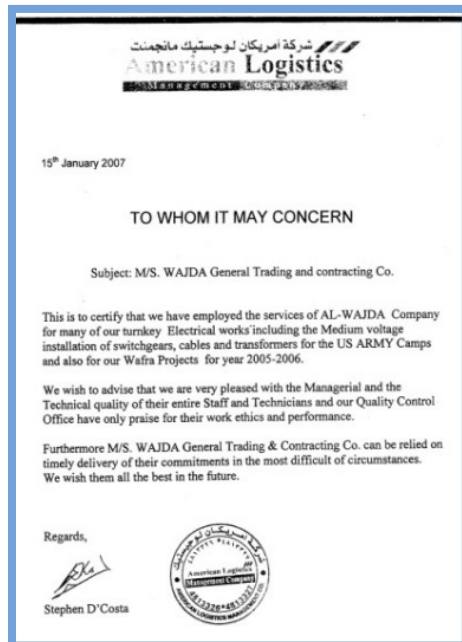
JIMÉNEZ BELINCHÓN, S.A.



CUSTOMER CERTIFICATIONS



CUSTOMER CERTIFICATIONS



INTERNATIONAL PRESENCE



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