

ELTE ELEKTRİK

www.elteelektrik.com

ELECTRICAL POWER & CONTROL ENGINEERING



ELTE ELEKTRİK SANAYİ ve TİCARET LTD.ŞTİ.



ABOUT US

ELTE delivers industry leading Integrated Electrical, Power and Control services to the energy sector. With the office in Adana Turkey, we have the knowledge and resources to execute projects anywhere on a global basis. Our principals and team members are industry experts with the power and control knowledge to investigate solutions to meet the specific needs of our clients and execute faster than many of our larger competitors. At ELTE we pride ourselves on our ability to manage every aspect of a project and deliver exceptional results to specification on time and on budget, every time. We'll take care of the rest.

- CONTRACTING
- DESIGN
- ENGINEERING
- CONSULTING
- PROCUREMENT





COMMITTED TO SUSTAINABILITY

We are dedicated to exploring new ways to reduce our impact on the environment through recognizing the role we play in the selection and use of non-renewable resources. All of our employees and contractors adhere to the strictest regulations established by industry codes and standards and are encouraged to participate in initiatives that go well beyond legislative targets and recommendations. By working with industry groups, governments, third-party inspectors and other stakeholders, we help our clients implement energy solutions and emission reduction initiatives to limit the environmental impact of our supplied equipment and services.

A CULTURE OF SAFETY

At ELTE, we are committed to fostering a culture of health and safety that spans every facet of our business. Safety is an area where there is no room for compromise, and we aim to raise the industry standard for security and responsibility. We ensure the health and wellbeing of our employees, contractors and the communities we work in regardless of the job or timeline. Our commitment to the continuous improvement of our health and safety performance is essential to our success and a fundamental element of our commitment to our clients. Safety is more than a set of regulations. It is a cultural ethos, and one that is wholly supported throughout the company. In addition to our site based hazard analysis and permit to work program, we ensure our employees are certified in the following as required by occupation:

Arc Flash Training,
Confined Space,
Ground Disturbance,
Fall Protection,
First Aid.





THE SERVICES TO ENSURE SUCCESS

Our dedicated team of industry veterans has the knowledge and experience to meet all your electrical, automation and instrumentation service needs. Regardless of how big or how far, we have the depth of services to see projects of any size, scope and setting to completion—on time and on budget.

POWER GENERATION and DISTRIBUTION SYSTEMS

GENERATORS SYNCHRONIZATION SYSTEMS

TRANSFORMER SUBSTATIONS

HT –MT OHL & UG DISTRIBUTION SYSTEMS

ELECTRICAL INSTALLATION

INDUSTRIAL AUTOMATION & SCADA SYSTEMS

ILS & AGL LIGHTING SYSTEMS FOR AIRPORT

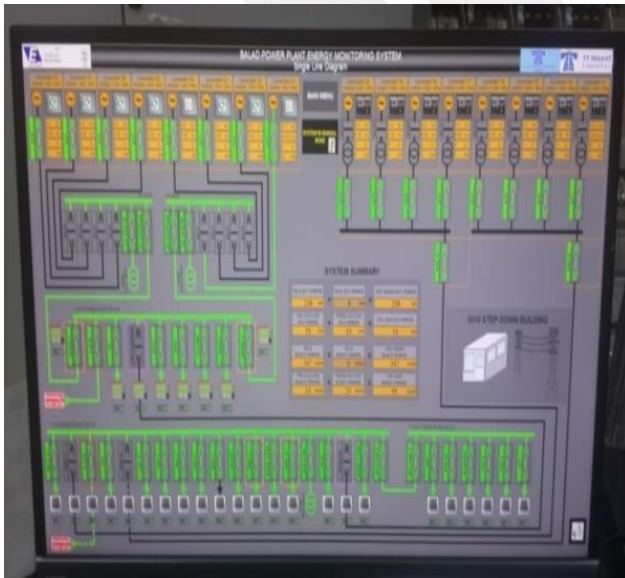
TREATMENT PLANT ELECTRICAL SYSTEMS

MANUFACTURING OF MOBILE SUBSTATION & SPECIALS PANELS

RENEWABLE ENERGY SYSTEM & GREEN ENERGY " for a clean world "

* ELECTRICAL & POWER CONTROL

The ELTE electrical and control team uses only the latest design and engineering technology, while maintaining the flexibility to adopt alternative systems that are suitable for remote operations and capable of being maintained by multi-disciplined personnel. All of our services are comprehensive and include everything Necessary to successfully execute your project on time and on budget. We also provide professional electrical and control field construction services. Our construction managers and superintendents work alongside national hired technicians whenever possible. This execution strategy enables us to reduce the overall cost of the electrical and control system installation, while maintaining our strict commitment to industry leading quality.





POWER GENERATION & DISTRIBUTION

To meet the power generation and distribution needs of even the most complex projects, we offer turnkey electrical power systems including system design, engineering, analytics, procurement, packaging, installation and commissioning. From black start and standby systems to continuous plant and grid supply, we deliver solutions that optimize the fuels available and provide the most economical and practical option for your site. Our electrical systems include reciprocating and turbo-driven electric power generators; AC motors for electric power distribution; distribution switchgear; motor control centers; power distribution transformers; and integrated power control systems. These wide-ranging systems ensure you'll never be left in the dark.





TURNKEY or PACKAGE PROJECT EXECUTION

ELTE has the capacity, capabilities and experience to successfully execute any project from concept to commissioning. Our versatile service approach—offering both turnkey and package based options—enables us to deliver the most effective and viable solutions on a global scale. An integrated business model, along with our electrical, controls and instrumentation expertise and international experience, has helped us achieve an excellent track record of success. From design and construction, to installation and commissioning, to technical support and maintenance services, we provide a management team that understands your needs and those of the project. By providing a single point of contact and taking ownership of the project from start to finish, we can ensure a seamless and professional experience.

PROJECT & CONSTRUCTION MANAGEMENT

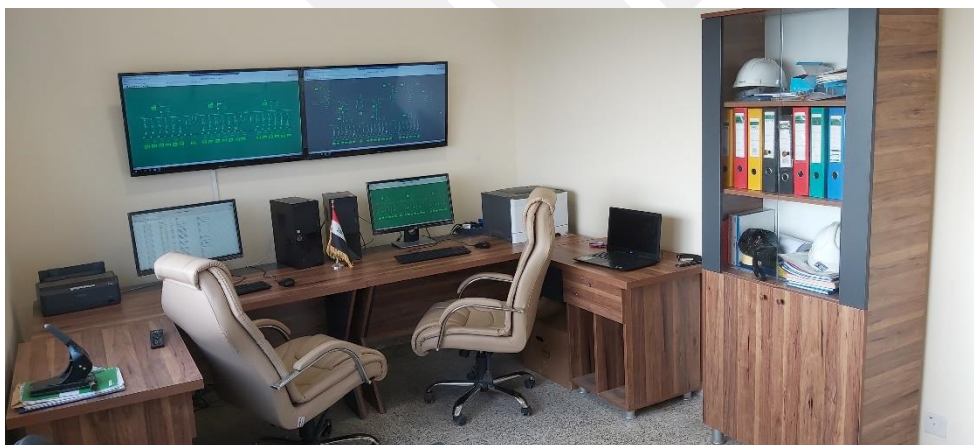
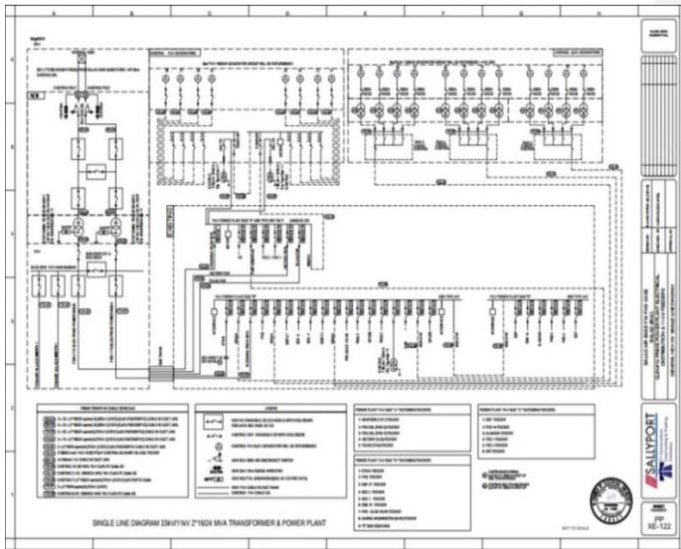
At ELTE, we understand that project and construction management is an integral part of every job. Our focus on this area led to the implementation of our management system, which acts as a strict guideline for everything we do. Every project team utilizes a suite of proven tools, systems and procedures that are tailored to the specific needs of each project. This enables us to align our team with our customers, contractors and other stakeholders to quickly establish project goals and maintain clear lines of communication every step of the way. Industrial Automation ELTE has a wide array of experience in control systems and instrument automation to provide you with expertly integrated solutions including engineering, configuration, graphic design, console layout and commissioning. We focus on developing scalable automation solutions customized to meet the requirements of your particular job. All of our automation services are vendor neutral and can be easily implemented in ABB, SCHNEIDER, SIEMENS etc. Power System platforms.





ELECTRICAL SYSTEMS DESIGN

Design-Build is an integrated approach that delivers design and construction services through a single contract between the owner and the project team. This simple but fundamental difference saves money and time by transforming the relationship between designers and builders into an alliance that fosters collaboration and teamwork. Since 1993, ELTE has assembled an experienced Design-Build team that has worked on hundreds of projects, forging a proven track record of sophisticated electrical installations along the way. Our Design-Build projects range from commercial office spaces, shopping centers, treatment plant, complete industrial building power, lighting, transformer substation & transmission line, machine controls, hospital and renewable energy projects.





ENGINEERING & CONSULTING FOR ELECTRICAL ENGINEERING

- TEST & COMMISSIONING

Primary & Secondary Current Injection
Transformer Testing & Maintenance
MV/LV switchgear Maintenance
Thermal Imaging Testing
Battery Testing
CT and VT Testing
VLF Testing
Earthing, Lightning, Protection Testing
Generator Load Testing
MV Switching Training Course



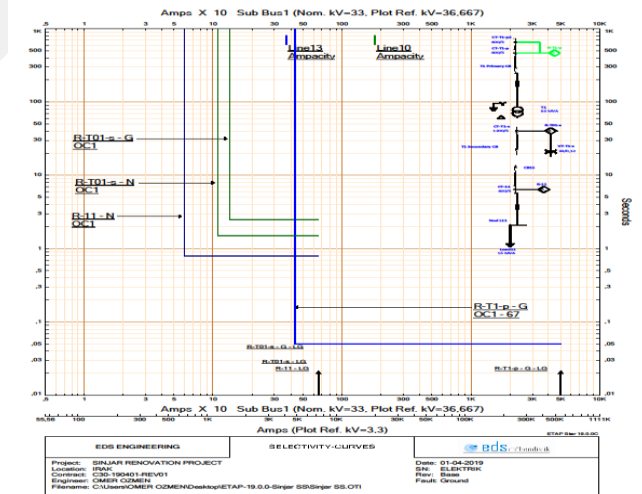
ELTE can provide an end to end project solution including the following facets:

Inspection and test QA plans
Factory acceptance test presentations
Site acceptance testing/pre-commissioning
Commissioning
Commissioning Management

ELTE's Commissioning & Start-up Services for electrical protection and control systems can verify that the equipment has been properly installed. We'll also determine whether any equipment has been damaged during shipment or installation and ensure that your equipment complies with purchase specifications and design intent.

- ELECTRICAL POWER SYSTEM ANALYSIS & STUDY with ETAP SOFTWARE.

Short Circuit Calculation
Load Flow Calculation
Voltage Drop Calculation
Relay Coordination & Selectivity
Arc-Flusing Study





OUR SERVICES

SUPPLY ELECTRICAL SYSTEMS MATERIALS

We are able to supply any electrical materials from Electric Industry Company on the world see below.

A- LV&MV SWITCHGEAR / AG-OG ŞALT



B- POWER TRANSFORMER&GENERATOR SYSTEM / TRAFO VE GEN.SİSTEMLERİ



C- LV & MV & CONTROL CABLE & CONDUCTOR / AG & OG & KONTROL KABLOLARI



D- MV-HV MATERIALS / OG-YG MALZEMELER



E- GENERAL LIGHTING & ACCESSORIES / GENEL AYDINLATMA & AKSESUARLAR



F- AIRPORT LIGHTING SYSTEM / HAVAALANI AYDINLATMA



E-RENEWABLE ENERJİ (GREEN) / YENİLENEBİLİR ENERJİ





CONTRACTING&MANUFACTURING
*** TRANSFORMER MOBILE SUBSTATION**

FWE GmbH/GERMANY-AL BUDOOR HOUSING COMPLEX 132/33kV
63 MVA MOBILE SUBSTATION-BAGHDAD/IRAQ





CONTRACTING & MANUFACTURING
*** TRANSFORMER MOBILE SUBSTATION**

**FWE GmbH/GERMANY-AL BUDOOR HOUSING COMPLEX 132/33kV 63
MVA MOBILE SUBSTATION-BAGHDAD/IRAQ**



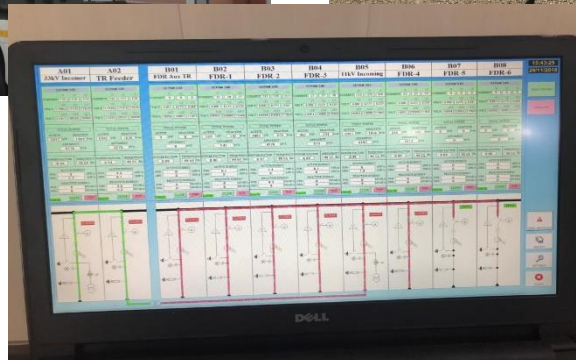
FWE
FIRST WATER ENERGY





CONTRACTING & MANUFACTURING
*** TRANSFORMER MOBILE SUBSTATION**

UNDP-33/11kV 25MVA MOBILE SUBSTATION-IFRAZ WWTP-ERBIL/IRAQ





CONTRACTING
*** HV TRANSFORMER STEP DOWN PLANT**

UNDP- SINJAR CEMENT SS 132/33kV 2*63MVA SUBSTATION NINOWA-IRAQ





CONTRACTING
*** HV TRANSFORMER STEP DOWN PLANT**

UNDP- SINJAR CEMENT SS 132/33kV 2-63MVA SUBSTATION NINOWA-IRAQ





CONTRACTING
*** TRANSFORMER STEP DOWN SUBSTATION**

USA SALLYPORT-PRIME POWER PROJECT BALAD/IRAQ





CONTRACTING & MANUFACTURING * OFF-SHORE PROJECT

HIBISCUS ALFA 600V&480 V DISTRIBUTION- DRAKKEN&BW ENERGY / GABON (OFF-SHORE)



OFF-SHORE PROJECT
MARINE TYPE & ABS
CERTIFIED



CONTRACTING & MANUFACTURING ORIENTAL OKWOK LTD " OFF-SHORE" PROJECT

ORIENTAL OKWOK 6,6kV/0,48kV 3750KVA DRY TYPE TR & MV SWG (PREMSET)
DRAKKEN& ORIENTAL OKWOK / NIGERIA (OFF-SHORE)



DRAKKEN





CONTRACTING & MANUFACTURING
POWER - DISTRIBUTION TRANSFORMER & NGR PROJECT

MAJNOON CENTRAL POWER PLANT PROJECT – BASRAH OIL COMPANY-IRAQ / DRAKKEN – KBR (2025)

2 SET 33/6,9 KV 10 MVA POWER TRANSFORMER

6 SET 6,6/0,4KV 2&2,5 MVA DISTRIBUTION TRANSFORMER

7 SET NGR/NER





CONTRACTING & MANUFACTURING * COMPACT SUBSTATION PROJECT

DARKKEN-DNO TAWKE PROJECT 6 SET 33kV/0,4kV 500kVA COMPACT SUBSTATION TAWKE-IRAQ





CONTRACTING
*** TRANSFORMER SUBSTATION**



11/1250kVA & 1200kVA BACK UP SS- TIKRIT/IRAQ-KBR-USA



SULEIMANIYAH GYHZA CITY 33kV 2*1600kVA



11kV OHL CONNECTION BALAD AB/IRAQ



33/11kV 2*24MVA SUBSTATION HANDOVER BALAD AB/IRAQ

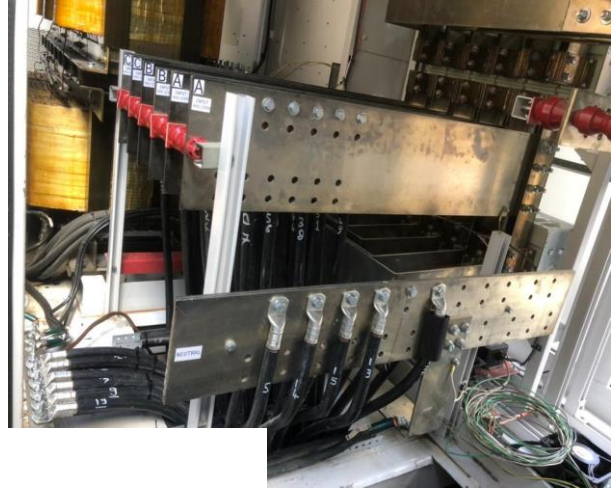


TSS&TELECOM&POWER SYSTEM FOR HATS OBO US EMBASSY ADANA TURKEY



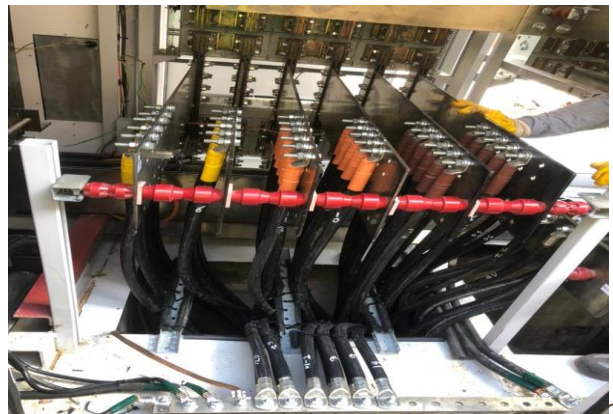
CONTRACTING

* LV POWER CONNECTION PROJECT-US EMBASY AFRICA



CNaf

İnş. Taah. Tic. Ltd. Şti.





POWER TRANSFORMER INSTALLATION
33/6,3kV 1,6 MVA USA ASF ANKARA



ADANA TUYAP FAIR AREA 4*33kV/1600kVA DRY TYPE SS



MOBILE SUBSTATION-ERBIL,IRAQ



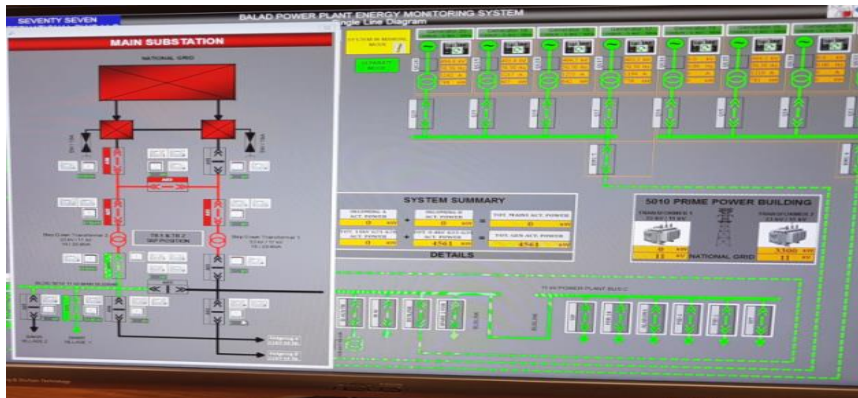
132/33kV 2*63 MVA SINJAR CEMENT SUBSTATION NINIWA-IRAQ



132/33kV 63 MVA MOBILE SUBSTATION BAGHDAD-IRAQ



BALAD AB IRAQ/ 8*2MVA+8*1,8MVA POWER GENERATION SYTEM





BINA BAWI REFINERY - OMV-ERBIL IRAQ



ORAKKEN



OMV





CONTRACTING
*** WATER & WASTE WATER TREATMENT PLANT**

MoM/IRAQ -WWTP RAMADI/IRAQ
ALL LV&MV ELECTRICAL &, SCADA SYSTEM EPC / COMMISSIONING / TESTING



PIKARON
İNŞAAT TAHHÜT TİC. A.Ş.



Republic of Iraq
Ministry of Construction and Housing
and Municipalities and Public works





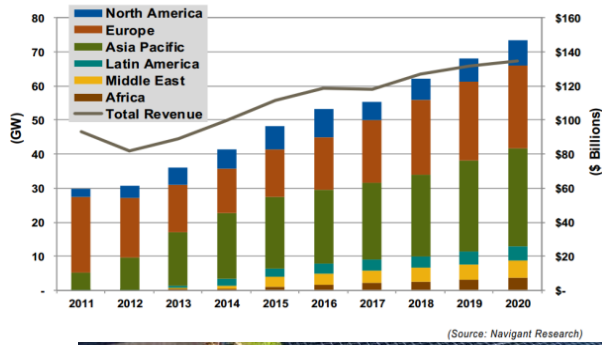
PV SYSTEM- ADANA-TURKEY





USE of GREEN & RENEWABLE ENERGY

Annual Solar PV Installed Capacity and Revenue by Region, World Markets: 2011-2020



(Source: Navigant Research)



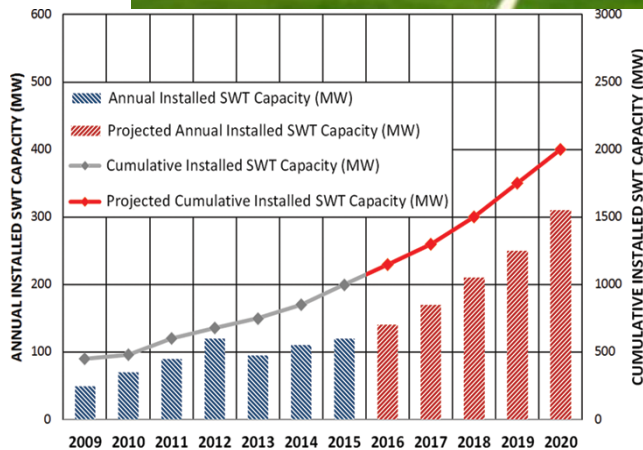
Top Countries with Installed Renewable Electricity by Technology (2012)



Sources: EIA, RENZI

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Global Renewable Energy Development | October 2013





MANUFACTURING LV PANELS





MANUFACTURING CONTROL&PLC&SCADA PANELS

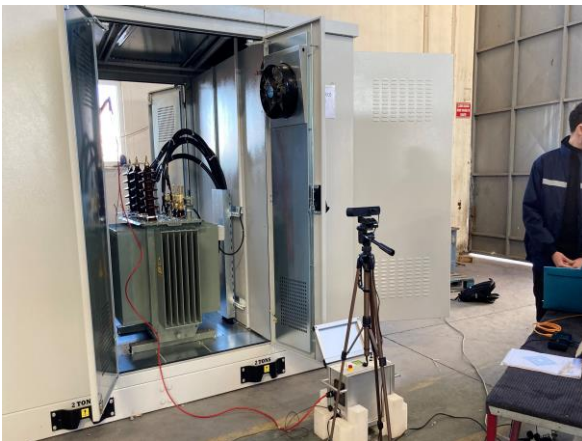


PROTECTION PANELS





MANUFACTURING COMPACT SUBSTATION UP TO 36kV



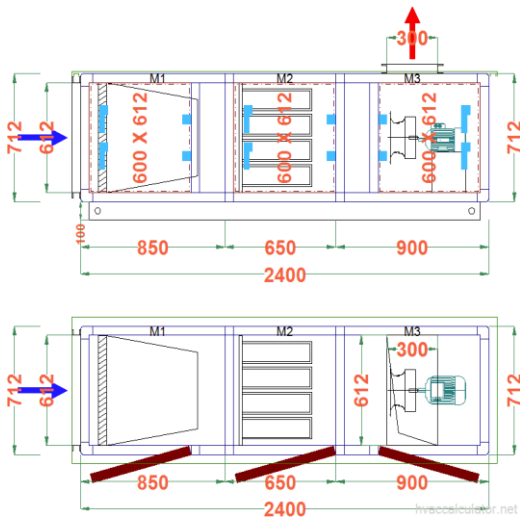


MECHANICAL WORKS MANUFACTURING

* PENSTOK FOR WWTP&WTP



* ODOR CONTROL UNIT FOR WWTP





LIST OF SOME PROJECT PERFORMED LAST 10 YEARS

NO	YEAR	CLIENT	PROJECT	DESCRIPTION
A-13	2025	DRAKKEN-KBR-BASRAH OIL COMPANY	BOC- MAJNOON POWER PLANT-BASRAH-IRAQ	7 SET NGR & 8 SET POWER TRANSFORMER
A-12	2024	DRAKKEN-OKWOK PROJECT	OKWOK OFF SHORE PROJECT-NIGERIA	3,6MVA DRY TYPE TRANSFORMER&MV SWG
A-11	2022	FWE GMBH	132kV/33kV 63 MVA MOBILE SUBSTATION-AL BODUUR HOUSE BAGHDAD-IRAQ	STEP DOWN TRANSFORMER MOBILE SUBSTATION
A-10	2022	DRAKKEN-BW ENERGY	HIBISCUS OFFSHORE PROJECT- GABON	2X 2,5 MVA DRY TYPE TRANSFORMER & 2X 600V-2X480V MCC PANELS
A-9	2021	DRAKKEN-DNO	33/0,4 KV 630KVA TRANSFORMER KIOSK SYSTEM (6 SET)--PEHKABIR ZAKHO-IRAQ	TRANSFORMER SUBSTATION
A-8	2021	UNDP-IRAQ	132kV/33kV 2*63 MVA SINJAR CEMENT SUBSTATION- SINJAR-MOSUL-IRAQ	TRANSFORMER SUBSTATION
A-7	2018	UNDP-IRAQ	33/11kV 25MVA MOBILE SUBSTATION-IFRAZ-ERBIL-IRAQ	MOBILE TRANSFORMER SUBSTATION
A-5	2018	MUREL YAPI-DOSTLUK ENERJİ A.Ş	ADİYAMAN GES 11MWp /TURKEY	SOLAR FARM Testing&Commissioning&EPC
			KOZAN GES 5MWp /TURKEY	
A-4	2016	77 CONSTRUCTION CO.	PRIME POWER PROJECT BALAD AB / IRAQ	CLIN#12&13 - 33/ 11 K MV DISTRIBUTION SYSTEM& 33/11kV 2X25MVA STEP DOWN TR SUBSTATION & 32 MW POWER PLANT
A-3	2016	77 CONSTRUCTION CO.	PRIME POWER PROJECT CLIN#13 BALAD AB-IRAQ as BILAL KARATORUK (OWNER OF ELTE)	CLIN#13- Prime Power Plant, Electrical Distribution & Electrical Feeders
A-2	2016	77 CONSTRUCTION CO.	PRIME POWER PROJECT CLIN#12 BALAD AB / IRAQ as BILAL KARATORUK (OWNER OF ELTE)	CLIN#12- 33/11kV Step-Down Building, Building#5010 for CLIN 0012 StepDown
A-1	2015	DUNIA TECHNIQUE CO	PROVISION OF HOOK UP WORK for OIL WEST QIURNA - IRAQ	ELEC. DISTRIBUTION & CONTROL POWER PLANT SYSTEM



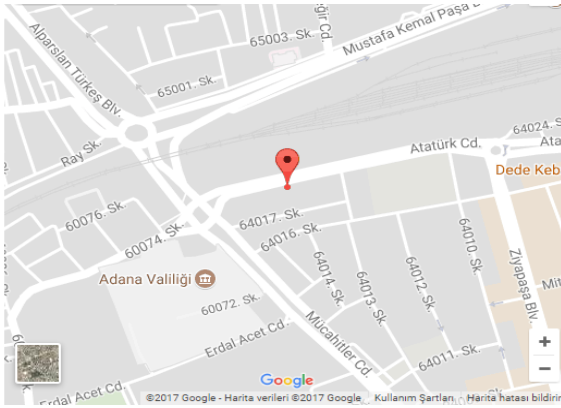
COMPLETED PROJECTS

SOME REFERENCE;

PROJECT LOCATION	CLIENT	DATE OF CONTRACT	CONTRACT VALUE \$	DESCRIPTION OF WORK
BAGHDAD AL BUDOOR HO USING COMPLEX-IRAQ	FWE GmbH	2022/COMPLETED	XXXXXX	132/33kV 63MVA MOBILE SUBSTATION
DNO-TAWKE IRAQ	DRAKKEN& DNO	2022/ COMPLETED	XXXXXX	6X11kV 500kVA COMPACT UNIT SUBSTATION
HIBISCUS PROJECT- GABON OFF-SHORE	BW ENERGY & DRAKKEN	2022 / COMPLETED	XXXXXX	ABS CERTIFICATED & MARINE TYPE ELECTRICAL MCC&MDB PANEL & DRY TYPE TRANSFORMER
SINJAR/IRAQ- 132/33kV 2*63MVA STEP DOWN SUBSTATION	UNDP-IRAQ	2020/ COMPLETED	XXXXXX	132kV/33kV 2*63MVA TRANSFORMER SUBSTATION
ERBIL/IRAQ	UNDP-IRAQ	2018(COMPLETED	XXXXXX	33/11kV 25MVA IFRAZ WTP MOBILE SUBSTATION
REPUBLIC OF SYRIA	UN-FAO	2018/COMPLETED	XXXXXX	SUPPLY POWER GENERATOR&TRANSFORMER& WATER PUMP etc.
BALAD BAĞDAT IRAQ	SALLYPORT-77 US GOV	JULY.2016/COMPLETED	XXXXXX	PRIME POWER PROJECT-POWER GENERATION DISTRIBUTION
BALAD BAĞDAT IRAQ	SALLYPORT-77 US GOV	JUNE.016/COMPLETED	XXXXXX	ILS-AGL SYSTEM TESTING
RAMADI-IRAQ	PIKARON – Ministry Of Municipality	SEP.05.2013-2021	XXXXXX	W.W.T.P. Electrical System & Automation – Design & Build RAMADI / IRAQ
MOSUL-IRAQ	PIKARON - Ministry Of Municipality	OCT.15.2013-2022 GOING ON	XXXXXX	W.W.T.P. Electrical System & Automation – Design & Build MOSUL /IRAQ
ERBIL-IRAQ	PIKARON & 77 J.V.	NOV.01.2012	XXXXXX	All Electrical System of Weatherford Bani Bawi Project ARBIL/IRAQ
DUHOK-IRAQ	Duhok Governorate	OCT.09.2012	XXXXXX	Bağdat Hotel DOHUK / IRAQ
BASRA-IRAQ	PALS-BP	JAN.07.2011	XXXXXX	Design & Construct All Bldg Electrical System Rumaila Op.Org., BASRA / IRAQ
AMARA-IRAQ	Ministry Of Health	MAY.12.2010	XXXXXX	Hospital 50 Beds AMARA / IRAQ
AL ASAD Airbase	Arish Babil Co -Tetra Tech	DEC.05.2009	XXXXXX	All Electrical System Bağdatlı AL-ASAD / IRAQ
AL ASAD Airbase	U.S. Army – KBR – SERKA	MAY.30.2008	XXXXXX	Phase 2 MV 11kV Electrical Distribution System AL ASAD / IRAQ
TIKRIT U.S. Airbase	KBR – ASFA	FEB.072008	XXXXXX	Design/Build 11kV 1250kVA Transformer Substation TIKRIT / IRAQ
BALAD AB IRAQ	KBR – ASFA	2008	XXXXXX	ELECTRICAL INSTALLATION OF SERVICE BUILDING



CONTACT US



ELTE ELEKTRİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Head Office :

Kurtuluş Mah. Atatürk Cad. No:115 Telli Apt.1/3 01110 Seyhan-ADANA,TURKIYE

+ 90 (322) 429 77 17
+ 90 (322) 429 77 47
+ 90 (532) 113 67 05

Warehouse & Work Shop :

Yeşiloba Mah.Arslanrami İş Merkezi F Blok No:112-102 Seyhan-Adana,TURKIYE

www.elteelektrik.com
info@elteelektrik.com



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www.elteelektrik.com

