



BEST Contracting & Trade Co.



COMPANY PROFILE

Founded in 1925 as AEG Genel Elektrik T.A.Ş.

Reestablished in 1947

**Acquired by BEST A.Ş. in 2010 and then the name of the company has been changed to
BEST Electrical Contracting and Trade Company (BETAŞ) in 2012**

**BEST is the affiliated company of
BALIKESİR ELEKTROMEKANİK SANAYİ TESİSLERİ A.Ş.
(BEST A.Ş.)**

www.besttransformer.com



COMPANY PROFILE

- Since its establishment BEST Contracting & Trade Co. focuses on construction and commissioning of electric substations up to 500kV in both domestic and international markets.
- Our mission, with our parent company BEST A.S., is to provide our services to our clients at the highest possible quality by meeting their specific demands and by completing our tasks on-time. In order to accomplish this mission, we are providing our electrical contracting services to TEIAS and to private sector in Turkey and to countries such as Iraq, Algeria, Morocco, Tunisia, Qatar, Kenya, Georgia, Ukraine, Kingdom of Saudi Arabia and Afghanistan, without making any concessions to the working principles we have since our establishment.
- Our vision as BEST Contracting & Trade Co. is to continue our existence as an exemplary, reliable electrical contracting company in both domestic and international markets and to become a major player and a leader in our sector.



BEST

ENGINEERING AND CONTRACTING SERVICES

- **Energy Transmission Technologies**
- **Wind Power Plants**
- **Solar Power Plants**
- **Hydroelectric Plants**
- **Uninterrupted Power Supply Systems**
- **Redundancy**





BEST

POWER DISTRIBUTION SUBSTATIONS AND INFRASTRUCTURE

- ✓ 36 kV -550kV Outdoor Switchyard Substations
- ✓ 72,5kV-550kV Gas Insulated Switchgear Substations
- ✓ 36kV-245kV Mobile Transformer Substations
- ✓ 36kV-550kV Power Distribution Lines



Our Main Clients



BEST

Our Solution Partners

ABB



SIEMENS

Schneider
Electric



HYOSUNG

RXPE
RONGXIN POWER ELECTRONIC



XI'AN XD SWITCHGEAR
ELECTRIC CO., LTD



COELME
COSTRUZIONI ELETTROMECCANICHE - SPA

 **arteche**

BRUGG



VERTIV™

PFISTERER

Prysmian
Group

BENNING



CERISOL
Isoladores cerámicos, SA



GES



TRIDELTA
GmbH

GÜRAL
Elektrik Malzemeleri Tic. ve San. A.Ş.



VATAN
KABLO

NKT

BEST

Current Abroad Projects

- 225/60 kV AGDZ II Substation and Extension of Ouarzazate Substation – MOROCCO
- 220/60 kV M'Ghilla II Substation – MOROCCO
- 220/60/24 kV TEKCIM Substation & OHTL – MOROCCO
- NUTRIS Soya Crushing Plant 60/30 kV Substation- ALGERIA
- 60/30 kV El Hamel II Substation - ALGERIA
- 60/30 kV El Baten Substation – ALGERIA
- 220/20 kV Kunar Substation – AFGHANISTAN
- 132/33 kV 3X90 MVA GIS Al-Qayara Substation– IRAQ
- 132 kV AIS KRG-MOE/NES-02/2013 – IRAQ
- KRG-MOE/EMS-10/2019 Mobile Substation – IRAQ
- 330 kV SS Ivano-Frankivsk AIS & 330 kV SS Bogorodchany AIS – UKRAINE
- 132/11 kV AL WAJBAH GIS – QATAR
- 132/11 kV AL ZUBARAH GIS – QATAR
- 132/11 kV OLD AIRPORT 2 GIS – QATAR

BEST

Current Domestic Projects

- DB.ATT.28 154/33kV Mihmandar GIS Substation - **ADANA**
- DB.ATT.26 Ürgüp 380 kV SS - **NEVŞEHİR**
- DB.ATT.22 380/154/33 kV İzmir Havza Substation – **İZMİR**
- 154/33 kV Karlitepe WPP Substation – **HATAY**
- 66/20 kV Afrin Substation – **HATAY**



BEST

Current Abroad Projects

225/60 kV AGDZ II Substation and Extension of Ouarzazate Substation – MOROCCO

Royaume Du Maroc ONEE

Turnkey Basis Construction of:
225/63/11 kV Substation,
1x70 MVA Power Transformer



BEST

Current Abroad Projects

60/30 kV GIS Substation NUTRIS SPA

NUTRIS Soya Crushing Plant -
ALGERIA

Turnkey Basis Construction of:
60/30 kV GIS, 2x35 MVA Power Transformer



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Current Domestic Projects

DB.ATT.26 380 kV Ürgüp Substation

TEİAŞ

Nevşehir/ TURKEY

Turnkey Basis Construction of:

420/170/36 kV Ürgüp Capacitor Substations with

4x(400 kV, 33 Ω , 2000 A) Capacitor Bank

2x(380/158 kV, 250 MVA) Autotransformer

1x(420 kV, 183 MVA) Reactor



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Current Domestic Projects

DB.ATT.22 380/154/33 kV İzmir Havza Substation

TEİAŞ

İzmir / TURKEY

Turnkey Basis Construction of :

420/170 kV S/S with
2x(380/158 kV, 250 MVA) Autotransformer



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Current Domestic Projects

66/20 kV Afrin Substation & OHTL

Hatay Governorate - TEİAŞ

Hatay / TURKEY

Turnkey Basis Construction of :

1x66/33 kV, 50/62,5 MVA

2x33/0,4 kV 160 kVA



BEST

Completed Projects

Phase 13, Package S-10 132/11 kV Al Wukair 4 GIS

KAHRAMAA - QATAR

Turnkey Basis Construction of:
3x(132/11 kV, 2x40 MVA) GIS
1x(132/11 kV, 4x40 MVA) GIS



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Completed Projects

400/220 kV Tazoult AIS Substation

SONELGAZ - ALGERIA

Turnkey Basis Construction of:

400/220 kV Substation with 9x(400/225/31.5 kV,
100 MVA, 1Ø) Power Transformers

400 kV, 80 MVar Reactor



BEST

Completed Projects

550 kV Marnuli Substation & 220 kV Extension

Georgian State Electrosystem -
GEORGIA

Turnkey Basis Construction of:

550 kV New Substation with 4x(500/230/11 kV,
167 MVA, 1Ø) Power Transformer, 500 kV, 60
MVar Variable Shunt Reactor and 220 kV S/S
Extension



BEST

Completed Projects

400/132 kV Sulaymaniah Substation Extension

MASS Global Investment –
IRAQ

Turnkey Basis Construction of:
400/132 kV Substation Extension with
6x(400/132/11 kV, 115 MVA 1Ø Autotransformer)



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Completed Projects

2 x 220/30 NEPS Electrical Transmission Projects - Phase IV

US Army Corps of Engineers -
AFGHANISTAN

Engineering, design and equipment supply of:

220/20 kV Khost S/S, 20 MVA Power
Transformer, 220/20 kV Waza-Khajeh S/S, 16
MVA Power Transformer and Extension of
220/20 kV Gardez S/S



BEST

Completed Projects

İTM.222 420 kV Kayabaşı Capacitor Bank Substation

TEİAŞ

Amasya / TURKEY

Turnkey Basis Construction of :
Capacitor Bank Renewal Project with, 3x(420 kV,
33 Ω , 2000 A) Capacitor Bank



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Completed Projects

İTM.166 - Bornova GIS 380 kV Substation

TEİAŞ

İzmir / TURKEY

Turnkey Basis Construction of:

420/170/36 kV GIS/S with

2x380/158 kV, 250 MVA Autotransformer

1x154/33.6 kV, 100 MVA Power Transformer



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Completed Projects

Cerit RES 154/33 kV Substation

PAKMEM ELEKTRİK
Kahramanmaraş / TURKEY

Turnkey Basis Construction of:
170/36 kV Wind Power Plant Substation with
62.5 MVA Power Transformer and Wind
Turbines Infrastructure Works



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Various Projects

**380 kV Bornova GIS Substation
TURKEY**



**400/220 kV Tazoult Substation
ALGERIA**

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Various Projects

**550kV Marnueli Substation
GEORGIA**



**380/154 kV Çorlu Substation Extension
TURKEY**

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Various Projects

**154 kV Cerit RES Substation
TURKEY**



**132/33/11 kV Mobile Substations
IRAQ**

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Mobile S/S References

- 3 x 25 MVA 132/11 kV MSS for KRG-MoE/IRAQ
- 1 x 25 MVA 33/11 kV MSS for KRG-MoE/IRAQ
- 1 x 30 MVA 69/13.8 kV MSS for SEC/KSA
- 1 x 40 MVA 69/13.8 kV MSS for SEC/KSA
- 2 x 40 MVA 115/34.5/13.8 kV MSS for SEC EOA
- 3 x 31.5 MVA 132/33kV MSS for MoE/IRAQ
- 3 x 25 MVA 132/11kV MSS for MoE/IRAQ



40 MVA Multi-winding MSS for SEC



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ABROAD REFERENCES

Project Name	Employer / Place	Voltage Level	Completion Date	Value (\$)
GTC-735-2015 AL-Wukair4 SS	KAHRAMAA / QATAR	132 /11 kV GIS	January 2020	20.0 M\$
220 kV Khost SS ;220 kV Waza-Khajeh;220 kV Gardez SS	US Army Corps of Engineers / URS Megatech / AFGHANISTAN	220 / 110 kV AIS	January 2020	11.5 M\$
P/AM439/18 Rehabilitation of Yarimja S/S	UNDP / IRAQ	132 / 33 / 11 kV AIS	September 2019	3.5 M\$
P/AM420/18 Rehabilitation of Baweza2 S/S	UNDP / IRAQ	132 / 34.5 kV AIS	September 2019	1.9 M\$
P/AM264/18 Rehabilitation of Badoosh	UNDP / IRAQ	132 / 33 / 11 kV AIS	October 2019	4.3 M\$
Bazyan 400 kV Substation	Posco Engineering & Construction Co., Ltd. / IRAQ	400 / 132 kV GIS	July 2017	19.0 M\$
550 kV Marnueli Substation & 220 kV Extension	GSE / GEORGIA	550 / 220 kV AIS	October 2016	19.9 M\$

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ABROAD REFERENCES

Project Name	Employer / Place	Voltage Level	Completion Date	Value (\$)
Menji 220/110 kV S/S Extension	GSE / GEORGIA	220 / 110 kV AIS	October 2016	1.5 M\$
Poste Extérieur 60/30 kV Doucen	SONELGAZ / ALGERIA	60 / 30 kV AIS	April 2016	6.2 M\$
Tazoult 400/220 kV SS	SONELGAZ / ALGERIA	400/220 kV AIS	June 2020	48.0 M\$
400/132 kV Sulaymaniah Substation Extension	Mass Global Investment / IRAQ	400 / 132 kV AIS	April 2016	9.8 M\$

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DOMESTIC REFERENCES

Project Name	Employer / Place	Voltage Level	Completion Date	Value (\$)
İTM.228 380 kV Alibeyköy TM Extension	TEİAŞ / İSTANBUL	380 / 154 kV AIS	July 2019	2.7 M\$
İTM.212 380 kV Atışalanı TM Extension	TEİAŞ / İSTANBUL	380 / 154 / 33 kV AIS	May 2019	3.6 M\$
DB.ATT.23 154 kV Selçuk GIS Substation	TEİAŞ / İZMİR	154 / 33 kV GIS	February 2019	3.9 M\$
İTM.222 420 kV Kayabaşı Capacitor Bank Substation	TEİAŞ / AMASYA	420 / 154 kV AIS	October 2018	14.0 M\$
İTM.239 380 kV Beyhan-1 TM Extension	TEİAŞ / ELAZIĞ	380 / 154 kV AIS	September 2018	1.9 M\$
Cerit Wind Power Plant 154 kV Substation	Pakmem Elektrik / KAHRAMANMARAŞ	154 / 33 kV AIS	September 2018	3.5 M\$
İTM.226 380 kV Çorlu TM Extension	TEİAŞ / TEKİRDAĞ	380 / 154 kV AIS	July 2018	3.6 M\$

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DOMESTIC REFERENCES

Project Name	Employer / Place	Voltage Level	Completion Date	Value (\$)
DB.ATT.20 154 kV Yakuplu GIS Substation	TEİAŞ / İSTANBUL	154 / 33 kV GIS	July 2018	7.4 M\$
İTM.231 MAKİNE OSB TM Extension	TEİAŞ / KOCAELİ	380 / 154 kV AIS	April 2018	1.5 M\$
AKRES Wind Power Plant, Extension Works	AKRES Enerji A.Ş. / MANİSA	154 / 33 kV AIS	April 2018	2.5 M\$
İTM.166 - Bornova GIS 380 kV Substation	TEİAŞ / İZMİR	380 / 154 kV GIS	April 2018	19.5 M\$
İTM.228 380 kV Ada-2 DGKÇS Extension	TEİAŞ / SAKARYA	380 / 154 kV AIS	February 2018	1.5 M\$
İTM.163 - Yeşilhisar 380 kV Substation	TEİAŞ / KAYSERİ	380 / 154 kV AIS	February 2017	3.5 M\$
Renewal Project of Distribution Transformers	TÜPRAŞ / İZMİR	33 / 6.3 kV AIS	November 2016	3.1 M\$

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DOMESTIC REFERENCES

Project Name	Employer / Place	Voltage Level	Completion Date	Value (\$)
İTM.154-Sincan 380 kV Substation (Extension)	TEİAŞ / ANKARA	380 / 33 kV AIS	October 2016	4.0 M\$
İTM.145 - Talas 154 kV Substation	TEİAŞ / KAYSERİ	154 / 33.6 kV AIS	June 2016	3.4 M\$
İTM.88-İspir, 380 kV İspir Substation	TEİAŞ / ERZURUM	380 / 154 kV AIS	April 2016	21.7 M\$
İTM.147 - Boyabat 380 kV Substation (Extension)	TEİAŞ / SİNOP	380 / 154 kV AIS	February 2016	1.9 M\$
İTM.133 - Alibeykoy 380 kV Substation (Extension)	TEİAŞ / İSTANBUL	380 / 154 / 33 kV AIS	December 2015	2.4 M\$
İTM.101 - ERYAMAN GIS	TEİAŞ / ANKARA	154 / 33 kV GIS	October 2015	7.5 M\$
İTM.107 - KAYSERİ GIS	TEİAŞ / KAYSERİ	154 / 33 kV GIS	September 2015	7.8 M\$

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DOMESTIC REFERENCES

Project Name	Employer / Place	Voltage Level	Completion Date	Value (\$)
İTM.109 - Paşaköy 380 kV Substation (Extension)	TEİAŞ / İSTANBUL	380 / 33 kV AIS	April 2015	3.2 M\$
154 kV Eti Krom Inc. Substation and 154 kV Energy Transmission Line Construction Work	ETİ KROM A.Ş. / ELAZIĞ	154 / 33 kV AIS	November 2014	2.4 M\$
İTM.95-Kütahya Industrial Zone, 154 kV Substation	TEİAŞ / KÜTAHYA	154 / 33 kV AIS	November 2014	4.4 M\$
İTM.80-Dikmen 2, 154 kV Dikmen 2 Substation	TEİAŞ / MARDİN	154 / 33 kV AIS	September 2014	3.9 M\$
MOSB - 154 kV Substation Extension	Manisa Industrial Zone Management / MANİSA	154 / 33 kV AIS	April 2014	2.7 M\$
154/33 kV Abana Havza Substation	Berke Elektrik Üretim A.Ş. / KASTAMONU	154 / 33 kV AIS	April 2014	2.4 M\$
İTM.85-Dikmen 1, 154 kV Dikmen 1 Substation Extension	TEİAŞ / MARDİN	154 / 33 kV AIS	December 2013	750 k\$

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DOMESTIC REFERENCES

Project Name	Employer / Place	Voltage Level	Completion Date	Value (\$)
İTM.78- Mardin 2, 154 kV Mardin 2 Substation	TEİAŞ / MARDİN	154 / 33 kV AIS	November 2013	4.2 M\$
154 kV Mardin Çimento Substation and Energy Transmission Line Construction	Mardin Cement Industry & Cement Inc. / MARDİN	154 / 33 kV AIS	July 2013	900 k\$
İTM 69-Mersin, 380 kV Mersin Substation	TEİAŞ / MERSİN	380 / 154 kV AIS	June 2013	10.5 M\$
Çerkezköy OSB 154/36 kV Substation	Çerkezköy Organised Industrial zone Management / TEKİRDAĞ	154 / 33 kV AIS	August 2012	3.3 M\$
İTM.70-Tuzla,154 kV Tuzla Substation Extension	TEİAŞ / İSTANBUL	154 / 33 kV AIS	October 2012	2.1 M\$
İTM.70-Yıldıztepe,380 kV Yıldıztepe Substation Extension	TEİAŞ / İSTANBUL	380 / 154 kV AIS	October 2012	1.4 M\$
İTM 69-Reyhanlı,154 kV Reyhanlı Substation	TEİAŞ / HATAY	154 / 33 kV AIS	October 2012	2.3 M\$



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