

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
ENERGY TRANSMISSION LINES				
1	380 kV Tepeoren TM – Colakoglu TM E.T.L. <i>380 kV 19 km 2x954 MCM energy transmission line</i>	Colakoglu Metalurji Corp.	Turkey	1030 tons erection 19 km stringing
2	132 Kv Jazair SS - Yarmook Transmission Line <i>Supply and erection of transmission line towers, supply of line material, wire stringing.</i>	ODEBRECHT Owner: US ARMY CORPS OF ENGINEERS	Iraq	135,000 man hours
3	132 kV New Baghdad SS - Samadia SS Transmission Line <i>Supply and erection of transmission line towers, supply of line material, wire stringing.</i>	ODEBRECHT Owner: US ARMY CORPS OF ENGINEERS	Iraq	135,000 man hours
4	H.178 Referenced 380 kV Adana - Iskenderun E.T. Lines <i>Turnkey Construction of 380 kV Transmission Lines (3 bundle 1272 MCM with OPGW)</i>	TEAS	Turkey	1,363 tons erection 47 km con. stringing
5	H.163 referenced E.T.Lines - Full supply <i>Turnkey construction of 154 kV E.T.Lines (1272 MCM ACSR conductor)</i>	TEAS	Turkey	1,250 tons fabrication 1,250 tons erection 60 km con. stringing
6	H.150.I referenced Bursa - Gebze E.T.Line <i>Turnkey construction of 380 kV E.T.Lines (double bundle 954 MCM ACSR conductor)</i>	TEAS	Turkey	1,850 tons erection 120 km con. stringing
7	H.133.III referenced E.T.Lines – Full supply <i>Turnkey construction of 154 kV E.T.Lines (954 MCM ACSR conductor)</i>	TEAS	Turkey	1,500 tons fabrication 1,500 tons erection 118 km con. stringing
8	H.122.B ref. Goksun - Yesilhisar -Temelli E.T.L. - Full supply <i>Turnkey construction of 380 kV E.T.L.(triple bundle, 1272 MCM ACSR conductor)</i>	TEAS	Turkey	4000 tons erection 144 km con. stringing
9	H.121.IV ref. Bursa Sanayi - Bursa I (Merinos) E.T.L. - Full supply <i>Turnkey construction of 154 kV E.T.L. including supply of complete line material and compact tower design (1272 MCM ACSR conductor)</i>	TEAS	Turkey	370 tons erection 10 km con. stringing
10	H.120 referenced Aliaga - Uzundere -Yenikoy E.T.L. <i>Turnkey construction of 380 kV E.T.L. (triple bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	3,260 tons erection 123 km con. stringing
11	H.110 referenced Ataturk - Elbistan -Ankara E.T.L. - Full supply <i>Turnkey construction of 380 kV E.T.L. (triple bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	2,650 tons erection 148 km con. stringing

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
12	H.119.I referenced E.T.Lines - Full supply <i>Turnkey construction of 154 kV E.T.L. including supply of complete line material and tower designs (1272 MCM ACSR conductor)</i>	TEAS	Turkey	2000 tons fabrication 2000 tons erection 200 km con. stringing
13	H.104.B referenced Karakaya HPP - Ataturk HPP E.T.L. <i>Erection and stringing works of 380 kV E.T.L. (triple bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	3700 tons erection 155 km con. stringing
14	H.116.B referenced Ambarli - Ikitelli E.T.L. <i>Erection works of 380 kV E.T.L. (954 MCM ACSR conductor)</i>	TEAS	Turkey	350 tons erection
15	H.111.I referenced Ordu - Golkoy E.T.L. <i>Erection works of 154 kV E.T.L. (double circuit, 795 MCM ACSR conductor)</i>	TEAS	Turkey	610 tons erection
16	H.113. I referenced E.T.Lines <i>Stringing works of 154 kV E.T.Lines (double circuit, 795 MCM ACSR conductor)</i>	TEAS	Turkey	216 km con. stringing
17	H.109 referenced Kars - Leninakan E.T.L. <i>Tower design, fabrication and erection works of 220 kV E.T.L. (954 MCM ACSR)</i>	TEAS	Turkey	1435 tons erection
18	HTÇ.99.II referenced Erzurum - Hinis E.T.L. <i>Stringing works of 154 kV E.T.L. (795 MCM ACSR conductor)</i>	TEAS	Turkey	89 km con. stringing
19	H.100.D referenced Kangal - Kayabasi E.T.L. <i>Erection works of 380 kV E.T.L. (triple bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	1400 tons erection
20	HTÇ.80.E.II.EK referenced E.T.Lines <i>Stringing works of 380 kV E.T.Lines (double bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	38 km con. stringing
21	H.95.I referenced E.T.Lines <i>Erection works of 154 kV E.T.Lines (477 MCM ACSR conductor)</i>	TEAS	Turkey	3700 tons erection
22	HTÇ.80.E.II referenced Soma - Balikesir E.T.L. <i>Stringing works of 380 kV E.T.L. (double bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	65 km con. stringing
23	HTÇ.92.I referenced E.T.Lines <i>Stringing works of 154 kV E.T.Lines (477 MCM ACSR conductor)</i>	TEAS	Turkey	221 km con. stringing
24	H.90.C referenced Çankiri - Osmanca E.T.L. <i>Erection works of 380 kV E.T.L. (triple bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	5176 tons erection

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
25	HTÇ.89.IV referenced Sereflikochisar - Aksaray E.T.L. <i>Stringing works of 154 kV E.T.L. (477 MCM ACSR conductor)</i>	TEAS	Turkey	82 km con. stringing
26	HTÇ.86.I referenced Oymapinar - Seydisehir E.T.L. <i>Stringing works of 380 kV E.T.L. (double bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	85 km con. stringing
27	HTÇ.87.II referenced Yatagan - Denizli E.T.L. <i>Stringing works of 154 kV E.T.L. (477 MCM ACSR conductor)</i>	TEAS	Turkey	113 km con. stringing
28	HTÇ.80.I referenced Keban - Elbistan E.T.L. <i>Stringing works of 380 kV E.T.L. (double bundle, 954 MCM ACSR conductor)</i>	TEAS	Turkey	180 km con. stringing
29	H.78.III referenced E.T.Lines <i>Fabrication and erection works of 154 kV E.T.Lines</i>	TEAS	Turkey	5,200 tons fabrication 5,200 tons erection

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
SUBSTATIONS AND POWER PLANTS				
1	Baiji Gas Power Plant Maintenance Upgrade <i>Complete erection of the 400 kV Switchyard equipment, IPB, Switchgear and control and measurement equipment 400 kV -2 * 150 MW</i>	ODEBRECHT Owner: US ARMY CORPS OF ENGINEERS	Iraq	405,000 man hours
2	CAN Thermal Power Plant <i>2 x 160MW Transformer and Switchyard construction and 6.6kv 4 km ETL with OPGW</i>	Alstom Power Owner: EUAS	Turkey	30.500 man hours
3	ITM 14.D referenced Karasu Substation <i>154 / 33.6 kV -2*50 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	67.500 man hours
4	ITM 14.D referenced Kursunlu Substation Extension <i>380 / 154 kV -150 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	94.500 man hours
5	ITM 14.D referenced Konya II Substation Extension <i>154 / 33.6 kV -50 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	74.000 man hours
6	ITM 14.D referenced Tümosan Substation Extension <i>154 / 33.6 kV -50 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	72.000 man hours
7	ITM 14.D referenced Eskisehir II Substation Extension <i>154 / 33.6 kV -100 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	38.000 man hours
8	ITM 11.B referenced Maslak Substation <i>154 / 33.6 kV -2*50 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	60.000 man hours
9	ITM 11.B referenced Beylikduzu Substation <i>154 / 33.6 kV -2*50 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	44.000 man hours
10	ITM 11.B referenced Kiyikoy Substation <i>154 / 33.6 kV -25 MVA Transformer substation -Turnkey Erection</i>	TEAS	Turkey	32.000 man hours

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
TELECOMMUNICATIONS				
1	Sudan DIU Merowe Dam Project <i>SDH/Router/Protection/PABX/Metering/Spare Parts</i>	HPE	Sudan	
2	Iraq MOE ETP N33-38 Project <i>PLC/PSE/PABX</i>	Siemens	Iraq	
3	Abu Dhabi ICAD Project <i>SDH/FMX/PABX/GA/PSE</i>		UAE	
4	Iraq Communications Project <i>Project No. NT-26</i>	Siemens	Iraq	
5	Koyulhisar HES Communications Project <i>Communications ve RTU</i>	Bereket Enerji	Turkey	
6	Iraq MOE ETP N33-38 Project <i>PLC/PSE/PABX</i>	Siemens	Iraq	
7	Akhal P/P Communications and SCADA <i>Multiplexer, MW, PABX</i>	Turkmenistan Electric Co	Turkmenistan	
8	Sudan DIU Project <i>SDH/PABX/PSE</i>	HPE	Sudan	
9	Abu Dhabi Water Distribution Project Communications System <i>SDH/FMX /</i>		UAE	
10	Iraq Communications Project <i>Proje No. NT-17</i>	Siemens	Iraq	
11	Iraq Communications Project <i>Proje No. NT-33</i>	Siemens	Iraq	
12	Iraq Communications Project <i>Proje No. NT-38</i>	Siemens	Iraq	
13	Iraq Communications Project <i>Project No. NT-18</i>	Siemens	Iraq	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
14	Iraq Communications Project <i>Project No NT-15</i>	Siemens	Iraq	
15	Tetra Telsiz Baz İstasyonu Temini İşi	İstanbul Ulasim	Turkey	
16	Delta Enerji Communications Project Communications & RTU	Kale Power Controls	Turkey	
17	Çolakoğlu-Adapazarı Bkm Communication System	Çolakoğlu Metalurji	Turkey	
18	Feke Project Communication System	ZRD Mühendislik	Turkey	
19	Manahoz Communication System	Ten Enerji	Turkey	
20	Parkteknik IP PABX Communication System	Siemens		
21	Marmara Pamuklu RTU&Communication System	Marmara Pamuklu	Turkey	
22	Aydın Germencik Jeotermal Enj.TEİAŞ Communication Sis.Project	Gürüş	Turkey	
23	RTU Communication System	Zorlu Enerji Elektrik Üretim	Turkey	
24	Petkim - TEİAŞ Communication System Project	Petrim Petrokimya	Turkey	
25	İstanbul Maslak Bağlantı Tüneli Elektro Mekanik Sistemler	Acıbadem Proje Yönetimi	Turkey	
26	Andırın HPP Andırın TM Communication System	Tektuğ Elektrik Üretim	Turkey	
27	Soma RES Communication System	Siemens	Turkey	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
28	Belen RES TEİAŞ Communication Sis. Project	Güriş A.Ş.	Turkey	
29	Abu Dhabi Ras Al Khaimah Project <i>SDH/FMX/PABX/GA/PSE</i>		UAE	
30	Iraq Ghammas S/S Project Comms System <i>PLC/PSE/PABX</i>	Siemens	Iraq	
31	Nigerian Agip Oil Company - Comms System <i>MW/Mux/Shelter</i>	Nigeria Agip	Nigeria	
32	Istanbul Ulasim A.S. – LRT SDH & Management System <i>SDH (STM-1/4/16) and IONOS NMS System</i>		Turkey	
33	Modern Enerji Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
34	Iraq WII / MOE SCADA System Refurbishment Project <i>MW Radio Links and Multiplexers</i>		Iraq	
35	Gaziantep OSB Comms System <i>Mux/PABX/Modems/LL</i>		Turkey	
36	Iraq - Basrah 4 CPS S/S Project Comms System <i>PLC/PSE/PABX/MW/Mux</i>		Iraq	
37	Mersin Soda Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
38	Karadeniz Enerji Silopi Comms System <i>PABX/Modems</i>		Turkey	
39	Basrah 6 CPS S/S Project Comms System <i>PLC/PSE/PABX/MW/Mux</i>	Siemens	Iraq	
40	Bares Wind Farm Comms & SCADA System <i>SDH/FMX/PSE/PABX/Modems/LL/RTU</i>		Turkey	
41	TEIAS 10 site FO SDH System <i>SDH/FMX</i>		Turkey	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
42	Cerkezkoy OSB Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
43	Abu Dhabi ADWEA Fujairah Project <i>SDH/FMX/PABX/GA/CCTV/PSE</i>		UAE	
44	Istanbul Sultanciftligi Fast Tram System, 1st section <i>FO, SDH, Turnstiles</i>	Istanbul Municipality	Turkey	
45	Goltas Cimento Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
46	Iraq Electric Co. – Amara/Buzurgan P/P <i>SDH/FMX/PABX/DECT/PLC/PSE/RTU</i>	SHAW	Iraq	
47	Iraq Electric Co. - Al Ameen S/S <i>FMX/HDSL/PSE</i>	Kellog Brown and Root	Iraq	
48	Iran Rudeshur Power Plant - Comms System <i>SDH Optics/Mux/Power Line Carrier</i>		Iran	
49	Akenerji Yalova P/P <i>SDH/FMX/PSE/PABX/Modems/LL</i>	ABB/ZRD	Turkey	
50	Akenerji Kemalpasas P/P <i>SDH/FMX/PSE/PABX/Modems/LL</i>	ABB/ZRD	Turkey	
51	Istanbul Zeytinburnu - Bagcilar Fast Tram System <i>FO, SDH, PABX, PA, SCADA, Turnstiles, TETRA Radio</i>	Istanbul Municipality	Turkey	
52	Iraq Electric Co. North Samara 400KV S/S <i>PLC/PSE/PABX/MW/Mux/Intruder Warning/PA/FAS</i>		Iraq	
53	Istanbul Eminonu-Kabatas Tram Line <i>FO, SDH, PABX, SCADA, Turnstiles, TETRA Radio</i>	Istanbul Municipality	Turkey	
54	Iraq Electric Co. – BW & Akarkoof <i>PLC/PSE</i>	WGI	Iraq	
55	Abu Dhabi ADWEA E19 Project <i>SDH/FMX/PABX/GA/CCTV/PSE</i>	Abu Dhabi ADWEA	UAE	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
56	Iraq Electric Co. – Baiji 400KV S/S <i>FMX/PABX/MW Radio/PSE</i>	ODEBRECHT	Iraq	
57	Poland – Eurocentrum Complex <i>FO, SDH, PABX, CCTV, PA, Turnstile</i>		Poland	
58	Copenhag – Underground Metro <i>Train P.A., Passenger Info & CCTV technical assistance</i>		Denmark	
59	Istanbul Metro Railway Comms System <i>Trunked Mobile Radio System</i>		Turkey	
60	Iraq Electric Co. / 7/2000 Project <i>PLC/TPS/PABX/SCADA with Barmek</i>		Iraq	
61	Aria GSM 1800 System – 4 Cities in East <i>Implementation of 58 BTS + 4 BSC</i>		Turkey	
62	Police Force MW Links – Ankara <i>MW Radio / FMX / NMS</i>		Turkey	
63	Iraq Electric Co. Taji S/S & 174/2000 Projects <i>PLC/TPS/PABX/SDH/FO/FMX</i>	Siemens	Iraq	
64	Turkish Electric Co. National Load Dispatch Center <i>Nationwide PABX / Dispatcher & Data system</i>		Turkey	
65	Turkmenistan – Balkanabat Electric Co. <i>Multiplexer, HDSL, PABX, PLC, LMU, LT Comms System</i>	Balkanabat Electric Co.	Turkmenistan	
66	Saudi Arabia – Juba P.P <i>PLC, PABX, PSE Comms System</i>		Saudi Arabia	
67	Saudi SWCC Pipeline Projects <i>FMX commissioning along the water pipeline</i>		Saudi Arabia	
68	Kosovo Electric Co. Substation Control and Comms <i>Telecom, PLC, Multiplexer, LMU</i>		Kosovo	
69	Bulgaria-Turkey Grid Connection <i>SDH, Fiber Optics, PABX Comms</i>		Bulgaria	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
70	Manahoz TEİAS Communication System	Ten Energy Ltd.	Turkey	
71	State Company for Oil Projects Communications Project	Ministry of Oil	Iraq	
72	Harbin Power Engineering Comms System	Harbin Power Eng.	Sudan	
73	Ulubat Comms System	ZRD Engineering	Turkey	
74	Ulubat HPP Comms System	Siemens	Turkey	
75	Trabzon Akocak Comms Project	Siemens	Turkey	
76	TCDD Communications GSM-R Telephone	Nokia Siemens Network	Turkey	
77	Bis Energy Communication Project RTU Communication	Bis Energy	Turkey	
78	Tracim Communications Project	Traçim Çimento	Turkey	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
DISTRIBUTION NETWORKS				
1	Kutahya City Distribution Network <i>Turnkey Design, Construction, Maintenance</i>	Turkey Electricity Distribution Co.	Turkey	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
RAIL SYSTEMS				
1	Ankara-Konya Fast Train Electromechanical Works <i>Catenary Works</i>	Yapi Merkezi A.S.	Turkey	
2	Istanbul Marmaray Fast Train System <i>Substations and HV Power System Design</i>	Marubeni	Turkey	
3	Istanbul Zeytinburnu-Bagcilar Light Rail System <i>Turnkey Electromechanical and Telecommunication Systems</i>	Istanbul Municipality	Turkey	
4	Konya Selcuk University Light Rail System <i>Light rail systems electromechanical works</i>	Yapı Merkezi A.S.	Turkey	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
LAND DEVELOPMENT AND CIVIL CONSTRUCTION				
1	Gaziosmanpasa Luxury Residential Complex <i>Construction of 30 luxury residences</i>		Turkey	
2	Oran Mesa Akasya Residential Complex <i>Construction of 168 luxury residences</i>		Turkey	
3	Umitkoy Mesa Yoncaevler -2 Residential Complex <i>Land development and construction of 96 luxury residences</i>		Turkey	
4	Eurocentrum Office Complex <i>Office and commercial complex in Poland</i>	Venidero Owner: Usuel Group	Poland	

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
INFORMATION TECHNOLOGIES				
1	Disbank Fraud Detection System <i>Credit card application fraud scoring system</i>	Dışbank	Turkey	
2	Finansbank Data Mining Infrastructure <i>Analytical enterprise modeling infrastructure</i>	Finansbank	Turkey	
3	ATM Cash Management System <i>Cash forecasting model for ATMs</i>		Turkey	
4	Fraud Interlink Detection System <i>Related record detection system for fraud applications</i>		Turkey	