

NO	DESCRIPTION OF PROJECT	CUSTOMER	COUNTRY	PROJECT SIZE
ENERGY TRANSMISSION LINES				
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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

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11	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
12	H.104.B referenced Karakaya HES - Ataturk HES 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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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

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24	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
25	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
26	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
27	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
28	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

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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

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TELECOMMUNICATIONS				
1	Iraq Communications Project <i>Project No. NT-18</i>	Siemens	Iraq	
2	Iraq Communications Project <i>Project No NT-15</i>	Siemens	Iraq	
3	Manahoz TEİAS Communication System	Ten Energy Ltd.	Turkey	
4	State Company for Oil Projects <i>Communications Project</i>	Ministry of Oil	Iraq	
5	Harbin Power Engineering Comms System	Harbin Power Eng.	Sudan	
6	Ulubat Comms System	ZRD Engineering	Turkey	
7	Ulubat HES Comms System	Siemens	Turkey	
8	Dams Implementation Unit Comms Project	Dams Impl. Unit	Sudan	
9	Trabzon Akocak Comms Project	Siemens	Turkey	
10	TCDD Communications <i>GSM-R Telephone</i>	Nokia Siemens Network	Turkey	
11	Bis Energy Communication Project RTU Communication	Bis Energy	Turkey	
12	Tracim Communications Project	Traçim Çimento	Turkey	

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13	Istanbul Sultanciftligi Fast Tram System, 1st section <i>FO, SDH, Turnstiles</i>	Istanbul Municipality	Turkey	
14	Istanbul Zeytinburnu - Bagcilar Fast Tram System <i>FO, SDH, PABX, PA, SCADA, Turnstiles, TETRA Radio</i>	Istanbul Municipality	Turkey	
15	Abu Dhabi ADWEA Fujairah Project <i>SDH/FMX/PABX/GA/CCTV/PSE</i>		UAE	
16	Colakoglu Dilovasi Comms & SCADA System <i>SDH/FMX/PSE/PABX/Modems/LL/SCADA/RTU</i>		Turkey	
17	Iraq Ghammas S/S Project Comms System <i>PLC/PSE/PABX</i>	Siemens	Iraq	
18	Nigerian Agip Oil Company - Comms System <i>MW/Mux/Shelter</i>	Nigeria Agip	Nigeria	
19	Istanbul Ulasim A.S. – LRT SDH & Management System <i>SDH (STM-1/4/16) and IONOS NMS System</i>		Turkey	
20	Modern Enerji Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
21	Iraq WII / MOE SCADA System Refurbishment Project <i>MW Radio Links and Multiplexers</i>		Iraq	
22	Gaziantep OSB Comms System <i>Mux/PABX/Modems/LL</i>		Turkey	
23	Mersin Soda Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
24	Karadeniz Enerji Silopi Comms System <i>PABX/Modems</i>		Turkey	
25	Bares Wind Farm Comms & SCADA System <i>SDH/FMX/PSE/PABX/Modems/LL/RTU</i>		Turkey	

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26	TEIAS 10 site FO SDH System <i>SDH/FMX</i>		Turkey	
27	Cerkezkoy OSB Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
28	Goltas Cimento Comms System <i>SDH/FMX/PSE/PABX/Modems/LL</i>		Turkey	
29	Iraq Electric Co. – Amara/Buzurgan P/P <i>SDH/FMX/PABX/DECT/PLC/PSE/RTU</i>	SHAW	Iraq	
30	Iraq Electric Co. - Al Ameen S/S <i>FMX/HDSL/PSE</i>	Kellog Brown and Root	Iraq	
31	Iran Rudeshur Power Plant - Comms System <i>SDH Optics/Mux/Power Line Carrier</i>		Iran	
32	Akenerji Yalova P/P <i>SDH/FMX/PSE/PABX/Modems/LL</i>	ABB/ZRD	Turkey	
33	Akenerji Kemalpasaa P/P <i>SDH/FMX/PSE/PABX/Modems/LL</i>	ABB/ZRD	Turkey	
34	Iraq Electric Co. North Samara 400KV S/S <i>PLC/PSE/PABX/MW/Mux/Intruder Warning/PA/FAS</i>		Iraq	
35	Istanbul Eminonu-Kabatas Tram Line <i>FO, SDH, PABX, SCADA, Turnstiles, TETRA Radio</i>	Istanbul Municipality	Turkey	
36	Iraq Electric Co. – BW & Akarkoof <i>PLC/PSE</i>	WGI	Iraq	
37	Abu Dhabi ADWEA E19 Project <i>SDH/FMX/PABX/GA/CCTV/PSE</i>	Abu Dhabi ADWEA	UAE	
38	Iraq Electric Co. – Baiji 400KV S/S <i>FMX/PABX/MW Radio/PSE</i>	ODEBRECHT	Iraq	

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39	Poland – Eurocentrum Complex <i>FO, SDH, PABX, CCTV, PA, Turnstile</i>		Poland	
40	Copenhag – Underground Metro <i>Train P.A., Passenger Info & CCTV technical assistance</i>		Denmark	
41	Istanbul Metro Railway Comms System <i>Trunked Mobile Radio System</i>		Turkey	
42	Iraq Electric Co. / 7/2000 Project <i>PLC/TPS/PABX/SCADA with Barmek</i>		Iraq	
43	Aria GSM 1800 System – 4 Cities in East <i>Implementation of 58 BTS + 4 BSC</i>		Turkey	
44	Police Force MW Links – Ankara <i>MW Radio / FMX / NMS</i>		Turkey	
45	Iraq Electric Co. Taji S/S & 174/2000 Projects <i>PLC/TPS/PABX/SDH/FO/FMX</i>	Siemens	Iraq	
46	Turkish Electric Co. National Load Dispatch Center <i>Nationwide PABX / Dispatcher & Data system</i>		Turkey	
47	Turkmenistan – Balkanabat Electric Co. <i>Multiplexer, HDSL, PABX, PLC, LMU, LT Comms System</i>	Balkanabat Electric Co.	Turkmenistan	
48	Saudi Arabia – Juba P.P <i>PLC, PABX, PSE Comms System</i>		Saudi Arabia	
49	Saudi SWCC Pipeline Projects <i>FMX commissioning along the water pipeline</i>		Saudi Arabia	
50	Kosovo Electric Co. Substation Control and Comms <i>Telecom, PLC, Multiplexer, LMU</i>		Kosovo	
51	Bulgaria-Turkey Grid Connection <i>SDH, Fiber Optics, PABX Comms</i>		Bulgaria	

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DISTRIBUTION NETWORKS				
1	Kutahya City Distribution Network <i>Turnkey Design, Construction, Maintenance</i>	Turkey Electricity Distribution Co.	Turkey	

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RAIL SYSTEMS				
1	Istanbul Zeytinburnu-Bagcilar Light Rail System <i>Turnkey Electromechanical and Telecommunication Systems</i>	Istanbul Municipality	Turkey	
2	Konya Selcuk University Light Rail System <i>Light rail systems electromechanical works</i>	Yapı Merkezi A.S.	Turkey	

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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: Usluel Group	Poland	

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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	