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*The Quality Comes From Foundation...*











*" The quality comes from foundation..."*







DEEP EXCAVATION  
**SHORING SYSTEMS**

DEEP FOUNDATION  
**WORKS**

**SOIL** IMPROVEMENT

PROJECT DESIGN  
**SERVICES**

STRUCTURES SUPPORT  
**SYSTEMS**

GEOTECHNICAL **TESTS**

SOIL STABILIZATION  
**& LIME or CEMENT**



*Kalıte temelden başlar...*







## About Us

BARANKAYA ZEMİN İNŞAAT is a professional company that provides high-quality service with its expert team and its wide machine park in the field of geotechnical engineering and foundation engineering.

BARANKAYA ZEMİN İNŞAAT has been active in soil improvement and shoring works of highways, bridges, viaducts, marine structures, industrial buildings, residences, and business centers, which it has undertaken until today. In that regards, the following sorts of works are completed; Deep Excavation, Rock and Soil slope stabilization, Cast-in-situ Piling (in various diameters), Barrette Piling, Diaphragm Wall, Berliner Walls, Jet Grouting, Deep Soil Mixing, Temporary/Permanent Anchoring, Soil Nailing, Rock Bolting, Mini Piling, Sheet Piling, Stone Column Works, Soil Stabilization with Lime and Cement.

BARANKAYA continues to work in every region of Turkey and offers economic and, high-level technical solutions focused on customer satisfaction and quality service. In addition to the numerous experience and knowledge it has gained with the works it has completed since 1993, BARANKAYA continues its activities by expanding its machine park day by day in accordance with technological developments and increasing its expert staff.

Our company, which has succeeded in reflecting the slogan "Quality Comes from the Foundation" on the foundation of the company, has become more and more popular day by day with its expert staff, high-quality machinery and equipment park and its production quality.

Our company, which always sees its devoted employees, each of whom has become a member of the BARANKAYA family, as its biggest capital, is in a leading position in its sector.



## 1915 ÇANAKKALE BRIDGE - TEKİRDAĞ-ÇANAKKALE SAVAŞTEPE HIGHWAY PROJECT BORED PILE WORKS FOR LARGE ENGINEERING STRUCTURES.



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
ÇANAKKALE	DLSY JOINT VENTURE	Year : 2019 Amount : 10.500.000 €	Ø165, Ø120, Ø100, Ø65 cm Bored Pile, Stone Column And Barbican Applications















## FOLKART VEGA PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	FOLKART YAPI SAN. ve TİC. A.Ş.	Year : 2018 Amount : 21.500.000 ₺	Ø80 Baret Piles, Ø80 Diaphragm Wall, Ø80 and Ø100 Bored Piles, Prestressed Anchorage and Ø80 Jet Grout Applications







## NORTH MARMARA MOTORWAY (INCLUDING THE 3rd BOSPHORUS BRIDGE) PROJECT KINALI ODAYERI SECTION (INCLUDING CONNECTION ROADS) 155 cm BORED PILE APPLICATION



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İSTANBUL	KALYON İNŞAAT A.Ş.	Year : 2020 Amount : 483.500 ₺	Ø155 cm Bored Piles Works in Section-7







## BORED PILE APPLICATIONS IN THE SCOPE OF THE SUPPLEMENTARY CONSTRUCTION PROJECT OF THE SECTION OF ORDU RING ROAD KM: 21 + 100 - 42 + 414,784



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
ORDU	İNTAŞ-SARIOŞMANOĞLU JOINT VENTURE	Year : 2020 Amount : 3.737.939 ₺	Ø120 Bored Piles Works







## İZMİR WATER AND SEWERAGE ADMINISTRATION GENERAL DIRECTORATE SERVICE BUILDING AND FACILITIES PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	KMB METRO İNŞ. A.Ş. - ÖNSÖZ TURİZM İNŞ. A.Ş. JOINT VENTURE	Year : 2019 Amount : 15.247.000 ₺	Ø100 Bored Piles, Ø80 Jet Grouting and Ø80 Diaphragm Wall Works







## HALKALI-KAPIKULE RAILWAY LINE ÇERKEZKÖY KAPIKULE SECTION CONSTRUCTION PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
EDİRNE	KOLİN İNŞAAT TURİZM SANAYİ ve TİCARET A.Ş.	Year : 2020 Amount : 6.600.000 ₺	Ø120 Bored Piles, Ø100 Plastic Piles, Ø80 Jet Groud and Ø80 Deep Soil Mixing Works







## ODEMIS SOLID WASTE DISPOSAL PLANT PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	ÖZCE İNŞAAT	Year : 2020 Amount : 948.250 ₺	Ø80 Bored Piles Works







## KAYSERİ-CONSTRUCTION OF STOREY INTERSECTION CITY TERMINAL OF OSMAN KAVUNCU BOULEVARD



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
KAYSERİ	ÖNSÖZ TURİZM MÜŞ. İNŞ. A.Ş.	Year : 2018 Amount : 1.011.850 ₺	Ø100 Bored Piles Works





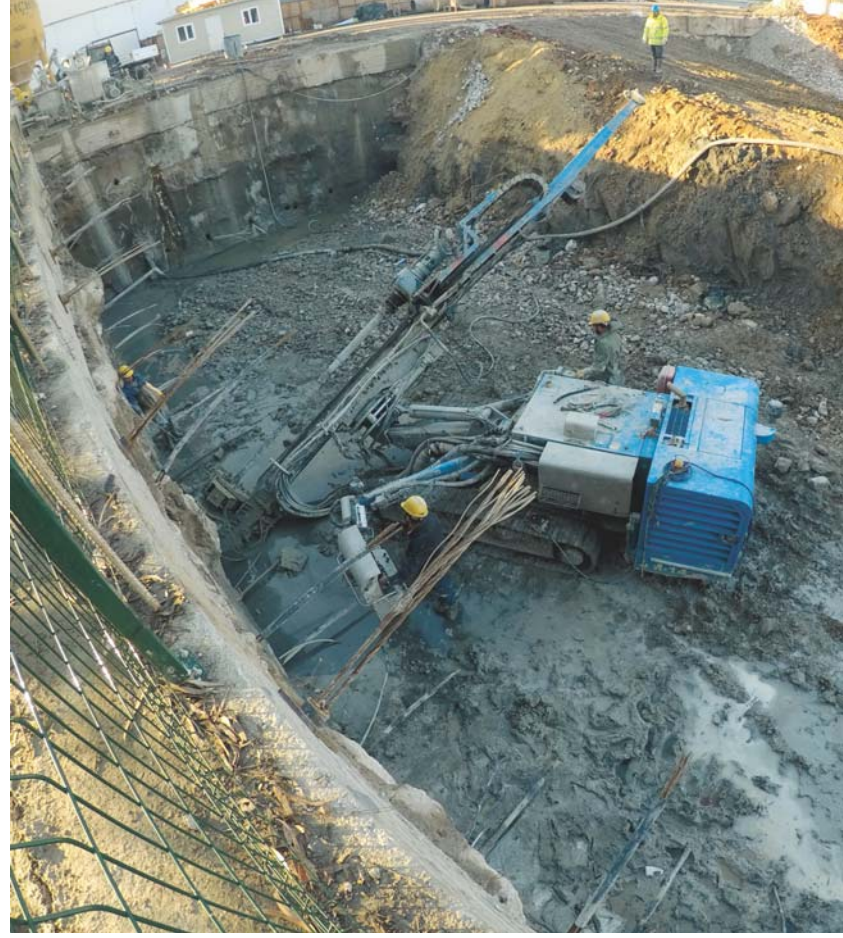


## BAYRAKLI 1923 HOUSING PROJECT



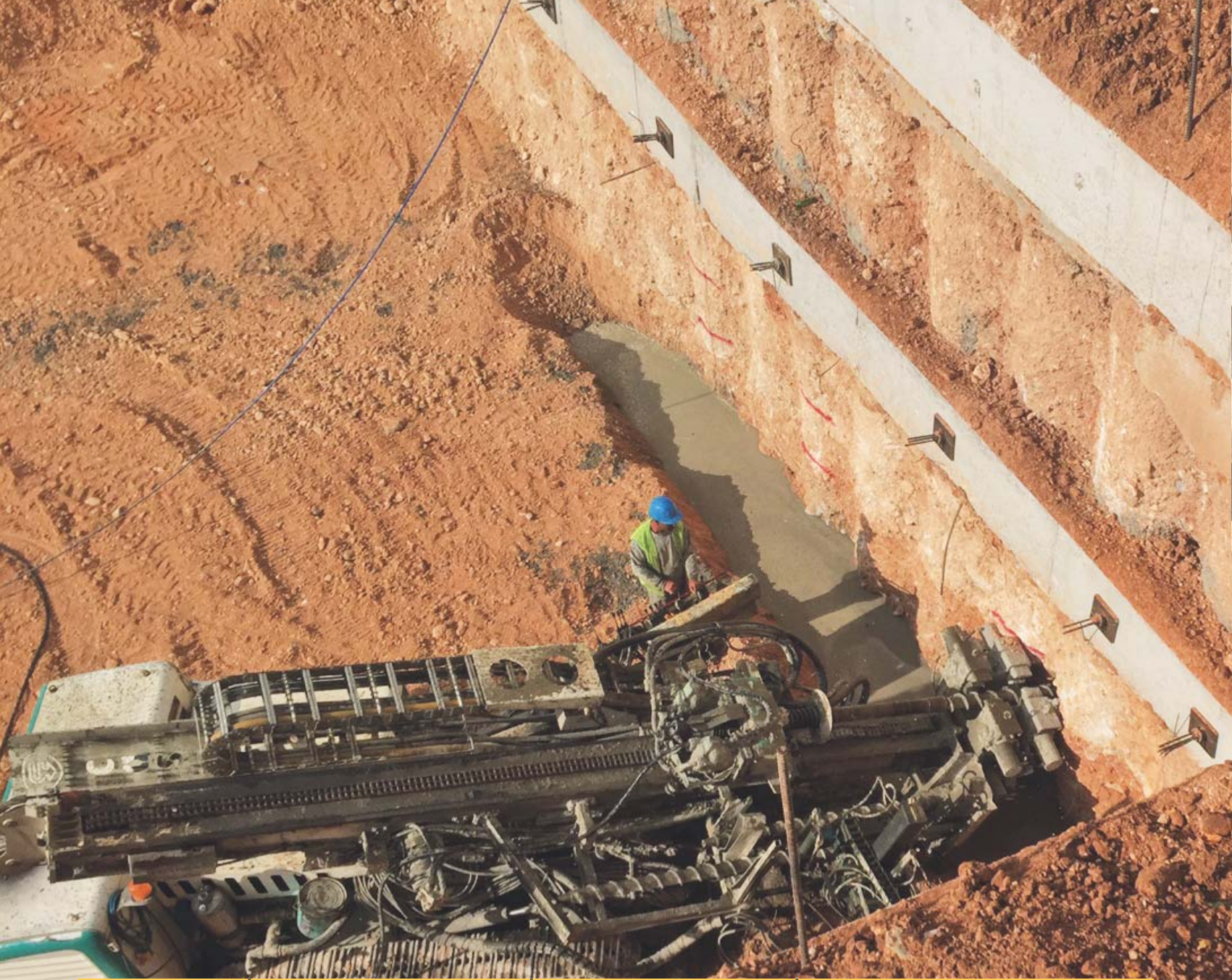
Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	ÇINAR İNŞAAT A.Ş.	Year : 2018 Amount : 1.980.000 ₺	Ø80 Barrette Piles, Ø80 Diaphragm Walls, Ø80 Jet Grouting and Anchorage Works





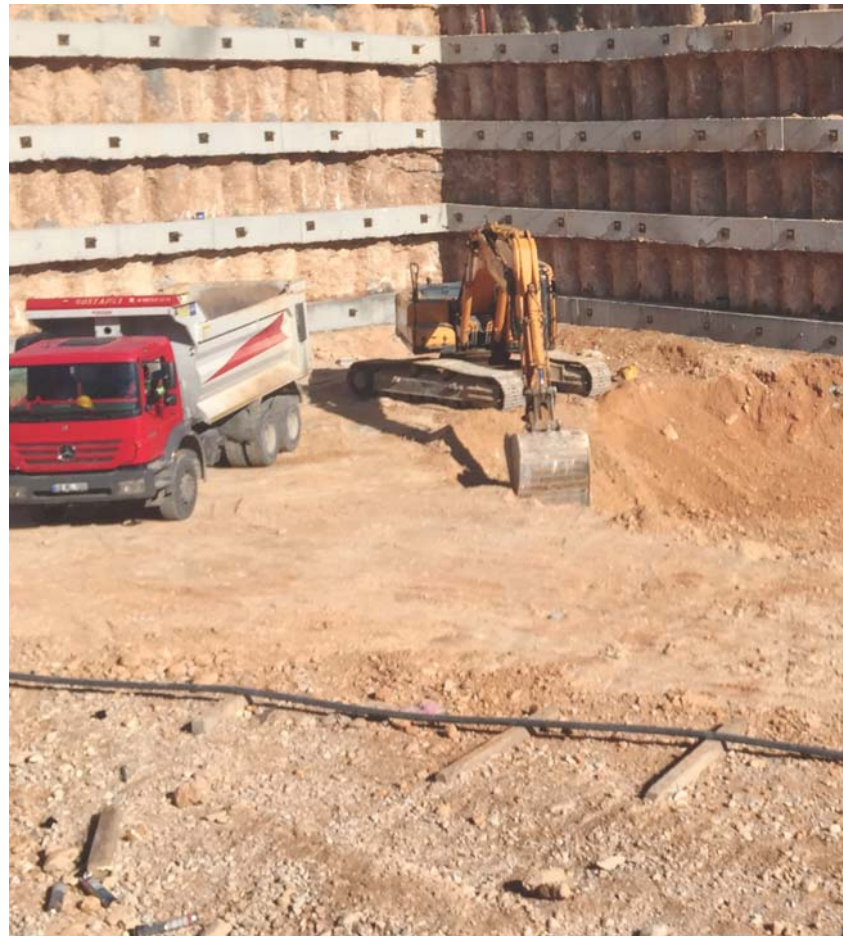


## MENTEŞE DISTRICT UNDERGROUND CAR PARK PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
MUĞLA	E.A PROJE İNŞAAT A.Ş.	Year : 2018 Amount : 1.496.800 ₺	Ø80 Bored Piles and Anchorage Works







## KEMER – KUMLUCA ROAD LANDSLIDE PILES PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
ANTALYA	NURŞAH İNŞAAT A.Ş.	Year : 2018 Amount : 2.850.459 ₺	Ø80 Bored Piles Works





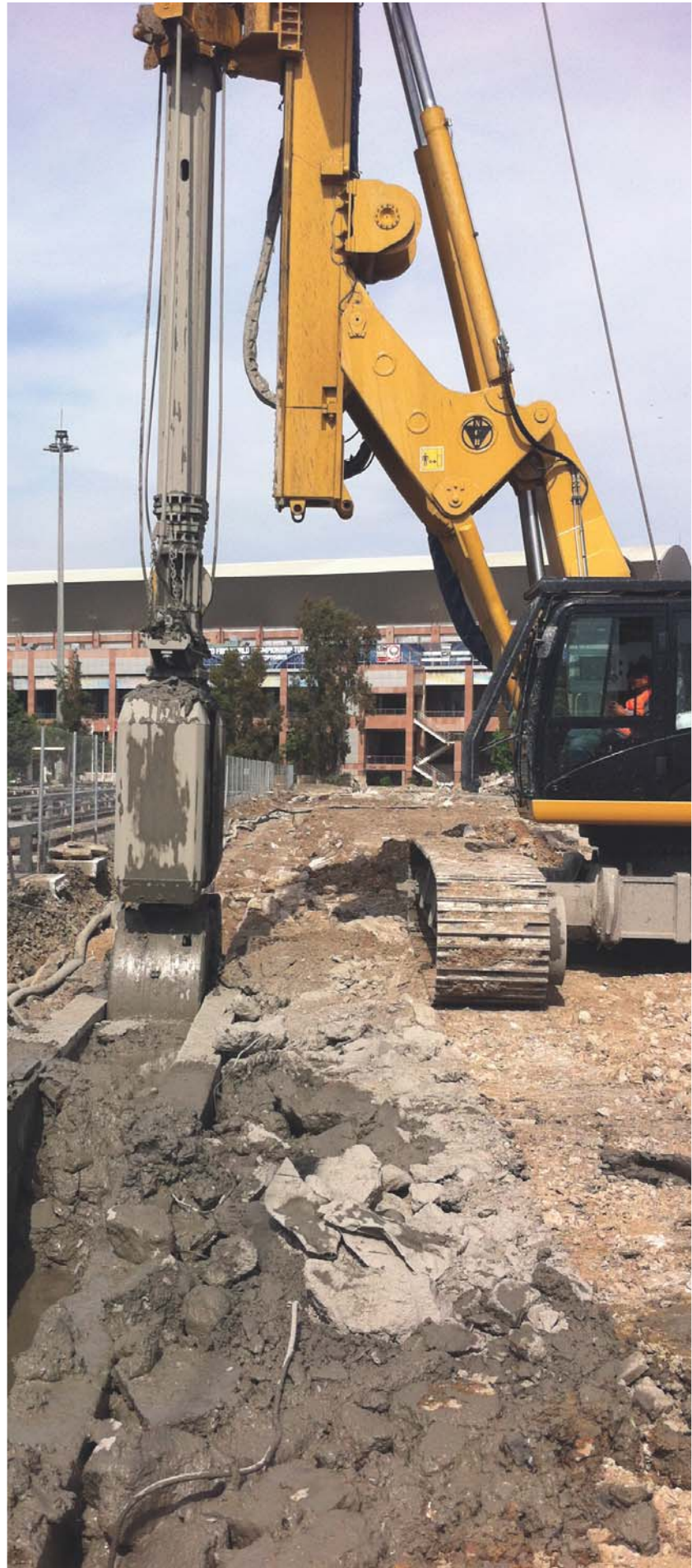


## HALKAPINAR NEW UNDERGROUND STORAGE FACILITIES FOR İZMİR LIGHT RAIL SYSTEM FOR ADDITIONAL VEHICLES. (DIAPHRAGM WALLS AND JET COLUMN WORKS)



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	YAPI STS İNŞ. A.Ş.- KMB METRO İNŞ. A.Ş. JOINT VENTURE	Year : 2017 Amount : 18.000.000 ₺	Ø80 Diaphragm Walls and Ø80 Jet Grouting Works







## HIGH-SPEED TRAIN PROJECT BETWEEN BANDIRMA - BURSA - AYAZMA



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
BURSA	DUYGU MÜHENDİSLİK LTD. ŞTİ.	Year : 2017 Amount : 8.991.716 ₺	Ø120 Bored Pile Works







# NEVVAR SALİH İŞGÖREN GRAND MOSQUE CONSTRUCTION PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	DUYGU MÜHENDİSLİK LTD. ŞTİ.	Year : 2017 Amount : 5.872.255 ₺	Ø80 Bored Piles and Ø80 Jet Grouting Works







## ROYAL TOWER RESIDENCE PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	ATILGAN İNŞAAT A.Ş.	Year : 2016 Amount : 4.355.000 ₺	Ø80 Barrette Piles Works





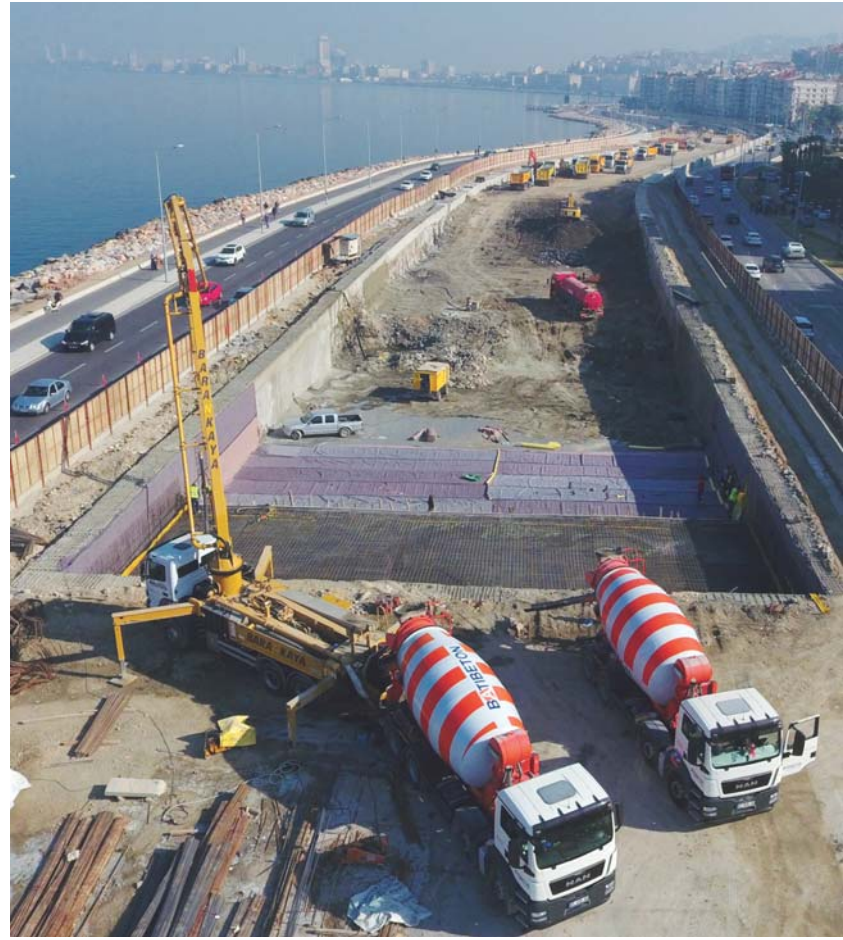


## MUSTAFA KEMAL COAST AVENUE BOULEVARD VEHICLE UNDERPASS CONSTRUCTION



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	YAPI STS İNŞ. A.Ş. KMB METRO İNŞ. A.Ş. JOINT VENTURE	Year : 2016 Amount : 8.150.000 ₺	Ø120 Secant Piling Works







## BARANKAYA SOIL COMPANY-LIME STABILIZATION

### Improvement of Weak Soils with Lime Stabilization

Lime stabilization, as specified in the Highways Technical Specification, determines the usability properties of the ground soil, which does not meet the filling material criteria or the California Transport Rate (CBR) value is low. The stabilization process by adding slaked or quicklime to these materials in powder form with certain physical and chemical properties, and mixing them, in order to use the materials as sub-basis, which have properties close to required criteria. It gives good results on weak soils, especially on clay soils, and also on soil which containing clay.

As a result of this process, the following results occur:

#### In the short term

- Proctor densities are falling
- Plastic limit increases
- Liquid limit decreases
- Proctor curve flattens
- CBR value increases.

#### In the long term

- CBR values increase even more
- Free compressive strength increases
- Shear strength increases
- Tensile stress increases
- Stability increases against to swelling and shrinkage
- Resistance to frost effect increases.



Lime stabilization is not a new application. Throughout history, it has been used in many projects such as the Great Wall of China and the Roman King Road. In the 20th century, with the development of many chemical and physical examination techniques such as microscope and X-ray diffraction in the 1930-1940s, it gained a modern structure and gained widespread use in the world. Nowadays, it is widely used in the world, especially in the United States of America and many European countries. Turkey also used in many large projects and continues to be used.



## The Importance of Lime Stabilization

Lime stabilization provides very important advantages in applications by improving the ground in place. In the studies, the weak materials found in the excavation can be used as filling material in the same construction site with the appropriate lime ratio. In addition, it increases the strength even more by making the floor drier in weak grounds with high water content. Since the works can be carried out within the construction site, there is a serious decrease in the number of trucks coming and going in the city. Especially in road and construction works carried out in big cities, dump problems, availability and distance of filling materials create many economic and environmental problems. The main ones are: traffic, traffic accidents, exhaust gas emissions from trucks, destruction of the environment by quarries.



## Lime Stabilization Application Stages

The materials brought from the excavation for the application are placed and spread with suitable grids. The loose thickness of the layers is adjusted according to the experiments in the field so that the compacted layer thickness is 30-35 cm and the fillings are formed in layers. The lime ratios used are generally in the range of 1-5% of the clay content of the soil. This value is generally between 2-4% of the total dry soil weight in applications on average.



## Quality control works

Quality control works are carried out in accordance with the Highways Technical Specifications. Compaction controls and plate loading tests in the field, Atteberg limits and CBR tests in the laboratory are routinely performed at the frequencies defined in the specification.



## Advantages of Lime Stabilization Applications

- Lime stabilization applications have many advantages. In summary, it can be listed as follows.
- Fillings are decreasing.
- With high CBR values, the road or pavement layer thicknesses are reduced.



## On-site Improvements

- Excavation is decreasing,
- Transportation costs are removed,
- Dumping place problems are reduced,
- Material intake from the quarries is very low,
- Reducing environmental damage with less number of the quarries,
- With the decrease in truck and construction equipment work, carbon emission decreases and oil costs decrease,
- As a result of the decrease in traffic, reducing the damage caused by accidents and overloading on the roads, reducing the loss of life and property,
- The quarry, which produces many low-quality materials close to the construction site, could go from idle to active.





## Results and Evaluations

With lime stabilization, layer thicknesses decrease as a result of excessive increases in CBR values of materials. Turkey constitutes a very large portion of the cost of manufacturing costs due to transport of petroleum products. Since the costs of construction machinery are higher than abroad, much more machines and trucks will be needed in cases where lime stabilization is not applied. Although it is generally possible to find materials with high CBR values with high clay content, its use creates technical difficulties. The ability to use these materials on-site by improving them with lime a very important for economy. If the soil is improved on site, there will be a serious decrease in costs as it prevents the transportation of both excavation and filling. Most of the soil that cannot be used could become usable with lime stabilization. Lime stabilization constitutes a suitable and economical solution in many projects.





# 1915 ÇANAKKALE BRIDGE - TEKİRDAĞ - ÇANAKKALE SAVAŞTEPE HIGHWAY PROJECT, CONSTRUCTION OF LIME STABILIZATION BETWEEN KM:106+829 and 140+000



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
ÇANAKKALE	DLSY JOINT VENTURE	Year : 2019 Amount : 7.500.000 €	Lime Stabilization Works







## KAYNARCA-KARASU-KOCAELİ 4. REGION FRONTIER ROAD SOIL WORKS PROJECT



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
SAKARYA	DOĞUŞ İNŞAAT A.Ş.	Year : 2020 Amount : 2.400.000 ₺	Lime Stabilization Works







## SOIL IMPROVEMENT WITH LIME STABILIZATION



Location / Country	Client	Date of Contract Amount of the Contract	Scope of the Contract
İZMİR	BOSS OTOMOTİV İNŞ. A.Ş. ÖNSÖZ TURİZM İNŞ. A.Ş. JOINT VENTURE	Year : 2018 Amount : 16.565.000 ₺	750.000 m <sup>3</sup> Lime Stabilization Works







## MACHINE LIST

S. No.	TYPE	BRAND	MODEL	YEAR
1	DIAPHRAGM WALL / BARRETTE PILING MACHINE	BAUER	GB50	2019
2	DIAPHRAGM WALL / BARRETTE PILING / BORED PILE MACHINE	NCB	FD-280	2016
3	BORED PILING MACHINE	LIEBHERR	LB 36 410	2020
4	BORED PILING MACHINE	LIEBHERR	LB 36 410	2017
5	BORED PILING MACHINE	LIEBHERR	LB 36 410	2015
6	BORED PILING MACHINE	LIEBHERR	LB 28 320	2016
7	BORED PILING MACHINE	LIEBHERR	LB 28 320	2014
8	BORED PILING MACHINE	LIEBHERR	LB 24 270	2017
9	BORED PILING MACHINE	BAUER	BG 24 H	2012
10	BORED PILING MACHINE	SOILMEC	SR 60	2017
11	DEEP SOIL MIXING (DSM)	LIEBHERR	LB 28 320	2016
12	DEEP SOIL MIXING (DSM)	SOILMEC	SR 60	2017
13	JET GROUTING / ANCHORAGE / MINI PILING MACHINE	SOILMEC	SM14	2017
14	DEEP SOIL MIXING GROUT PUMPING MACHINE	METAX	JM30	2020
15	DEEP SOIL MIXING GROUT PUMPING MACHINE	TECHNIWELL	TW 400	2020
16	DEEP SOIL MIXING PUMP STATION	TECHNIWELL	TW 400	2020
17	DEEP SOIL MIXING PUMP STATION	TECHNIWELL	TW 400	2020
18	JET GROUTING PUMPING MACHINE	TECHNIWELL	TW 400	2018
19	JET GROUT STATION	TECHNIWELL	TWM 20	2018
20	VIBRO HAMMER + SHEET PILING	CATERPILLER	336 D	2016
21	POWERPACK FOR VIBROHAMMER AND 54 NF HAMMER	ICE	ICE 600	2013
22	SHEET PILING	OVR	70	2020



## CRAWLER CRANES

S. No.	TYPE	BRAND	MODEL	YEAR
1	CRAWLER CRANE	SANY	SCC 900 E	2020
2	CRAWLER CRANE	SANY	SCC 900 E	2016
3	CRAWLER CRANE	SANY	SCC 600 E	2017
4	CRAWLER CRANE	SANY	SCC 600 E	2017
5	CRAWLER CRANE	SANY	SCC 600 E	2017
6	CRAWLER CRANE	SANY	SCC 600 E	2017
7	CRAWLER CRANE	HITACHI	EX 870	2006
8	CRAWLER CRANE	HITACHI	EX 800	2004
9	CRAWLER CRANE	SUMITOMO	LS 218 RH	1990
10	CRAWLER CRANE	TADANO 250	TR 250	1982

## LIME WITH STABILIZATION MACHINE

S. No.	TYPE	BRAND	MODEL	YEAR
1	SOIL STABILIZATION MACHINE	BOMAG	RS 650	2020
2	SOIL STABILIZATION MACHINE	WIRTGEN	WR 240	2019
3	SOIL STABILIZATION MACHINE	WIRTGEN	WR 240	2019
4	SOIL ROLLER	HAMM	3516	2019
5	SOIL ROLLER	HAMM	3412	2019
6	LIME SPREADER	VOLVO	500	2020
7	LIME SPREADER	MERCEDES	3340	2020
8	LIME SPREADER	FORD	4140	2020



## REFERENCES LIST

LOCATION COUNTRY	CLIENT	NAME OF THE PROJECT	DATE OF CONTRACT AMOUNT OF CONTRACT	SCOPE OF THE CONTRACT
KONYA	ÖNSÖZ TURİZM İNŞ. A.Ş.	KONYA ORGANIZED INDUSTRIAL ZONE SUPPLY CENTER	Year : 2020 Amount : 6.970.220 ₺	Ø80 AND Ø100 SECANT PILING, Ø100 BORED PILING, PRE-TENSIONED ANCHORAGES AND WELL POINTS WORKS
EDİRNE	KOLİN İNŞAAT TURİZM SANAYİ ve TİCARET A.Ş.	HALKALI-KAPIKULE RAILWAY LINE ÇERKEZKÖY KAPIKULE SECTION CONSTRUCTION PROJECT	Year : 2020 Amount : 6.427.000 ₺	Ø120 BORED PILES, Ø100 PLASTIC PILES Ø80 JET GROUND and Ø80 DEEP SOIL MIXING WORKS
ORDU	İNTAŞ-SARIOŞMANOĞLU JOINT VENTURE	BORED PILING WORKS IN ORDU RING ROAD PROJECT (THE SECTION: KM: 21 + 100 - 42 + 414,784)	Year : 2020 Amount : 4.410.768 ₺	Ø120 BORED PILING WORKS
SAKARYA	DOĞUŞ İNŞAAT A.Ş.	KAYNARCA-KARASU-KOCAELİ BORDER OF 4. REGION ROAD'S SOIL WORKS PROJECT	Year : 2020 Amount : 2.832.000 ₺	CONSTRUCTION WORK OF LIME STABILIZATION
İZMİR	DASİF İNŞAAT	YAMANLAR HOUSING PROJECT	Year : 2020 Amount : 1.400.000 ₺	Ø80 BORED PILING, DRAINAGES PIPING, SHOTCRETING AND SOIL NAILING WORKS
İZMİR	ÖZCE İNŞAAT	ODEMİS SOLID WASTE DISPOSAL PLANT PROJECT	Year : 2020 Amount : 1.118.640 ₺	Ø80 BORED PILE APPLICATIONS
İZMİR	MİYAP İNŞAAT	BEYAZEVLER HOUSING PROJECT	Year : 2020 Amount : 425.000 ₺	SHEET PILING AND Ø80 BORED PILING WORKS
İSTANBUL	NUROL İNŞ. - MESA MESKEN JOINT VENTURE	MESA NUROL GREEN COLLAR WATER HOUSING PROJECT - STAGE 2, PHASE 1. PART 2 REGION	Year : 2020 Amount : 254.880 ₺	Ø120 BORED PILING WORKS



## REFERENCES LIST

LOCATION COUNTRY	CLIENT	NAME OF THE PROJECT	DATE OF CONTRACT AMOUNT OF CONTRACT	SCOPE OF THE CONTRACT
ÇANAKKALE	DAELİM - LİMAK - SK - YAPI MERKEZİ JOINT VENTURE	1915 CANAKKALE BRIDGE - TEKİRDAĞ-CANAKKALE SAVAŞTEPE WITHIN THE SCOPE OF HIGHWAY PROJECT (BETWEEN 106 + 829 and 140 + 000 KM )	Year : 2019 Amount : 11.250.000 €	Ø165, Ø120, Ø65 DIAMETER BORED PILING, Ø80 STONE COLUMN, SHORING PILING, AND DRANAIGES PIPING WORKS
ÇANAKKALE	DAELİM - LİMAK - SK - YAPI MERKEZİ JOINT VENTURE	1915 CANAKKALE BRIDGE - TEKİRDAĞ-CANAKKALE SAVAŞTEPE WITHIN THE SCOPE OF HIGHWAY PROJECT (BETWEEN 106 + 829 and 140 + 000 KM ) LIME STABILIZATION WORKS	Year : 2019 Amount : 7.500.000 €	SOIL IMPROVEMENT WITH LIME STABILIZATION
İZMİR	KMB METRO İNŞ. ALTYAPI TAAH. SAN. ve TİC. A.Ş.- ÖNSÖZ TUR ve MÜŞV. İNŞ. TAAH. A.Ş. JOINT VENTURE	İZMİR WATER AND SEWERAGE ADMINISTRATION GENERAL DIRECTORATE SERVICE BUILDING AND FACILITIES PROJECT	Year : 2019 Amount : 17.991.460 ₺	Ø120 BORED PILES, Ø80 JET GROUTING AND Ø80 DIAPHRAGM WALLS WORKS
İZMİR	ESBAS AEGEAN FREE ZONE	ESBAŞ EXPANSION ZONE SHORING CONSTRUCTION WORKS	Year : 2019 Amount : 2.449.170 ₺	Ø100 BORED PILING, ANCHORING WORKS
DENİZLİ	TEKYOL İNŞAAT	ÇİVRİL B.MENDERES BRIDGE PROJECT	Year : 2019 Amount : 980.000 ₺	Ø100 BORED PILING WORKS
ÇANAKKALE	FREYSAŞ FREYSSINET YAPI SİSTEMLERİ A.Ş.	CANAKKALE 1915 BRIDGE APPROACH VIADUCTS	Year : 2019 Amount : 859.000 ₺	Ø100 BORED PILING WORKS
İZMİR	FOLKART YAPI SAN. VE TİC. A.Ş.	FOLKART VEGA PROJECT	Year : 2018 Amount : 21.500.000 ₺	80 mm BARRETTE PILING, Ø80 DIAPHRAGM WALLS, Ø80 and Ø100 BORED PILING, ANCHORING and Ø80 JET GROUTING WORKS



## REFERENCES LIST

LOCATION COUNTRY	CLIENT	NAME OF THE PROJECT	DATE OF CONTRACT AMOUNT OF CONTRACT	SCOPE OF THE CONTRACT
ANTALYA	NURŞAH İNŞAAT A.Ş.	KEMER - KUMLUCA ROAD LANDSLIDE PILE PROJECT	Year : 2018 Amount : 2.850.459 ₺	Ø100 BORED PILING WORKS
İZMİR	ÇINAR İNŞAAT A.Ş.	BAYRAKLI 1923 HOUSING PROJECT	Year : 2018 Amount : 2.336.400 ₺	Ø80 BARRETTE PILING, Ø80 DIAPHRAGM WALLS, Ø80 JET GROUTING and ANCHORING WORKS
MUĞLA	E.A PROJE İNŞAAT LTD. ŞTİ. A.Ş.	MENTEŞE DISTRICT UNDERGROUND CARPARK PROJECT	Year : 2018 Amount : 1.496.800 ₺	Ø80 BORED PILING and ANCHORING WORKS
TRABZON	SYP İNŞ.TAAH.A.Ş.	TRABZON SOLAKLI BRIDGE JUNCTION	Year : 2018 Amount : 657.000 ₺	Ø100 and Ø120 BORED PILING WORKS
MANİSA	KAHRAMAN HOME YAPI	SALİHLİ HOUSING PROJECT	Year : 2018 Amount : 649.000 ₺	Ø80 FOUNDATION BORED PILING WORKS
İZMİR	FOLKART YAPI SAN. VE TİC. A.Ş.	URBAN TRANSFORMATION 1 STAGE FOLKART YAKA HOUSES PROJECT	Year : 2018 Amount : 470.000 ₺	Ø65 BORED PILING WORKS
İZMİR	GÜLERMAK AĞIR SANAYİ İNŞAAT TAAHHÜT A.Ş.	FAHRETTİN ALTAY - NARLIDERE - KAYMAKAMLIK BETWEEN DISTRICT CONSTRUCTION OF METRO PROJECT	Year : 2018 Amount : 457.000 ₺	Ø100 BORED PILING WORKS
AYDIN	AKÜP MÜHENDİSLİK İNŞ.LTD.ŞTİ.	AYDIN-DENİZLİ ROAD TABAKHANE STREAM BRIDGE EXPANSION and MİMAR SİNAN BOULEVARD ÇAKIRLAR STREAM BRIDGE PROJECT	Year : 2018 Amount : 425.283 ₺	Ø100 BORED PILING PROJECT



## REFERENCES LIST

LOCATION COUNTRY	CLIENT	NAME OF THE PROJECT	DATE OF CONTRACT AMOUNT OF CONTRACT	SCOPE OF THE CONTRACT
ÇANAKKALE	GÜÇLEN İNŞAAT	PORT PROJECT	Year : 2018 Amount : 250.000 ₺	Ø155 BORED PILING WORKS
BURSA	DUYGU MÜHENDİSLİK LTD. ŞTİ.	BANDIRMA- BURSA- AYAZMA HIGH-SPEED TRAIN PROJECT	Year : 2017 Amount : 8.788.640 ₺	Ø120 BORED PILING WORKS
İZMİR	DUYGU MÜHENDİSLİK LTD. ŞTİ.	NEVVAR SALİH İŞGÖREN GRAND MOSQUE CONSTRUCTION PROJECT	Year : 2017 Amount : 5.872.555 ₺	Ø80 BORED PILING and Ø80 JET GROUTING WORKS
KAYSERİ	KAYSERİ METROPOLİTAN MUNICIPALITY	MKP BOULEVARD BRIDGE PROJECT	Year : 2017 Amount : 3.470.000 ₺	Ø80, Ø100 and Ø120 BORED PILING WORKS
İZMİR	DOYAP YAPI SAN.MÜH. ENERJİ A.Ş.	KATİP ÇELEBİ UNIVERSITY ENGINEERING FACULTY PROJECT	Year : 2017 Amount : 2.284.849 ₺	Ø100 BORED PILING WORKS
SAMSUN	DÖRTYOL İNŞ. TAAH. TUR. TİC. SAN. A.Ş.	DİKMEN ROAD LANDSLIDE PROJECT	Year : 2017 Amount : 1.950.000 ₺	Ø100 BORED PILING WORKS
KAYSERİ	ÖNSÖZ TUR VE MÜŞV. İNŞ. TAAH. A.Ş.	CONSTRUCTION OF STOREY INTERSECTION IN FRONT OF CITY TERMINAL OF KAYSERİ - OSMAN KAVUNCU BOULEVARD	Year : 2017 Amount : 1.011.850 ₺	Ø100 BORED PILING WORKS
İZMİR	YAPI STS İNŞ. TAAH. SAN. TİC. A.Ş. – KMB METRO İNŞ. TİC. A.Ş. JOINT VENTURE	HALKAPINAR NEW UNDERGROUND STORAGE FACILITIES FOR İZMİR LIGHT RAIL SYSTEM FOR ADDITIONAL VEHICLES PROJECT	Year : 2016 Amount : 18.000.000 ₺	Ø80 DIAPHRAGM WALLS and Ø80 JET GROUTING WORKS
İZMİR	KMB METRO-YAPI STS JOINT VENTURE	MUSTAFA KEMAL COAST AVENUE BOULEVARD VEHICLE UNDERPASS CONSTRUCTION	Year : 2016 Amount : 8.150.000 ₺	Ø120 SECANT BORED PILING WORKS



## REFERENCES LIST

LOCATION COUNTRY	CLIENT	NAME OF THE PROJECT	DATE OF CONTRACT AMOUNT OF CONTRACT	SCOPE OF THE CONTRACT
İZMİR	ATILGAN İNŞAAT A.Ş.	ROYAL TOWER RESIDENCE PROJECT	Year : 2016 Amount : 4.355.000 ₺	Ø80 BARRETTE PILING WORKS
İZMİR	ÖZALTIN HOLDİNG	GEBZE-ORHANGAZI-İZMİR HIGHWAY, MANİSA-İZMİR SECTION BORED PILE PROJECT	Year : 2016 Amount : 2.800.000 ₺	Ø100 BORED PILING WORKS
KAYSERİ	YAPI TESİS İNŞAAT	KOCASİNAN BRIDGE INTERSECTION PROJECT	Year : 2016 Amount : 2.740.000 ₺	Ø120 BORED PILING WORKS
İZMİR	TAPDİ OKSİJEN SAĞLIK HİZMETLERİ A.Ş.	GALEN HOSPITAL PROJECT	Year : 2016 Amount : 2.100.000 ₺	Ø80 SECANT BORED PILING WORKS
KAYSERİ	KAYSERİ METROPOLİTAN MUNICIPALITY	HIGHWAYS INTERCHANGE BRIDGE FOUNDATION PILING WORKS	Year : 2016 Amount : 1.350.000 ₺	Ø120 BORED PILING WORKS
ÇANAKKALE	CENGİZ İNŞ. A.Ş.- ALARKO İNŞ. JOINT VENTURE	KARABİGA POWER PLANT PROJECT	Year : 2016 Amount : 780.000 ₺	SECANT BORED PILING WORKS
İZMİR	AVCILAR İNŞAAT	HİLMİ SELVİLİ PLAZA PROJECT	Year : 2016 Amount : 675.000 ₺	Ø80 and Ø100 BORED PILING WORKS
İZMİR	AS İNŞ. TAAH. TİC. LTD. ŞTİ.- BARANKAYA İNŞ. HAFR. TAAH. TİC. A.Ş. JOINT VENTURE	EGEKENT HIGHWAY (EVKA-5) CONSTRUCTION OF OVERPASS BRIDGE INTERSECTION	Year : 2015 Amount : 3.786.000 ₺	Ø100 BORED PILING WORKS
İZMİR	KAVUKLAR GAYRİMENKUL A.Ş.	TOYOTA PLAZA PROJECT	Year : 2015 Amount : 1.483.298 ₺	Ø80 BORED PILING and JET GROUTING WORKS
MANİSA	AS İNŞ. TAAH. TİC. LTD. ŞTİ.- BARANKAYA İNŞ. HAFR. TAAH. TİC. A.Ş. JOINT VENTURE	ALPARSLAN TÜRKEŞ INTERSECTION BRIDGE PROJECT	Year : 2015 Amount : 1.247.000 ₺	Ø100 BORED PILING WORKS



## REFERENCES LIST

LOCATION COUNTRY	CLIENT	NAME OF THE PROJECT	DATE OF CONTRACT AMOUNT OF CONTRACT	SCOPE OF THE CONTRACT
İZMİR	HIGHWAYS GENERAL DIRECTORATE	D-100 HIGHWAY AND ENGINEERING STRUCTURES PROJECT	Year : 2015 Amount : 850.000 ₺	Ø100 and Ø120 BORED PILING WORKS
İZMİR	ÖNSÖZ TURİZM VE MÜŞAVİRLİK İNŞ. TAAH. A.Ş.	OĞUZLAR SERVICE BUILDING PROJECT	Year : 2015 Amount : 750.245 ₺	Ø80 SECANT BORED PILING WORKS
KAYSERİ	YAPI TESİS İNŞ. TİC. LTD. ŞTİ.	MKP U TYPE UNDERPASS PROJECT	Year : 2015 Amount : 745.000 ₺	Ø100 BORED PILING WORKS
SAKARYA	SAKARYA METROPOLITAN MUNICIPALITY	TAŞBURUN BRIDGE PROJECT	Year : 2015 Amount : 450.000 ₺	Ø120 BORED PILING WORKS
İZMİR	FOLKART YAPI SAN. VE TİC. A.Ş.	BLU ÇEŞME PROJECT	Year : 2015 Amount : 420.000 ₺	Ø65 BORED PILING WORKS
BURSA	14th REGIONAL DIRECTORATE OF HIGHWAYS	İZNİK YENİŞEHİR STATE HIGHWAY LANDSLIDE PREVENTION PROJECT	Year : 2015 Amount : 420.000 ₺	Ø120 BORED PILING WORKS
KOCAELİ	KOCAELİ METROPOLITAN MUNICIPALITY	HIGHWAY PROJECT	Year : 2015 Amount : 340.000 ₺	Ø80 BORED PILING WORKS



## CERTIFICATES

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## ISO 9001 : 2015

### BARANKAYA ZEMİN MÜHENDİSLİK İNŞAAT TAAHHÜT NAKLİYAT SAN. VE TİC. A.Ş.

Mansuroğlu Mah. 286/7 Sok. No: 19 Bayraklı/İzmir/TÜRKİYE

*Bu sertifika yukarıdaki kuruluşa ait kalite yönetim sisteminin aşağıdaki kapsam çerçevesinde PCA Sertifikasyon tarafından onaylandığını göstermekte olup, sertifikanın geçerliliği kuruluşun yıllık gözetim denetimlerinden geçmesine ve Uluslararası akreditasyon kuralları gereğince ilgili yönetim sisteminin şartlarını devam ettirmesine bağlıdır.*

### KAPSAM

Altyapı, üstyapı, inşaat ve taahhüt işleri

**EA KODU**  
28

<b>Sertifika No</b>	: KY-27029
<b>Tescil Tarihi</b>	: 05.04.2020
<b>Yeniden Basım Tarihi</b>	:
<b>Geçerlilik Tarihi</b>	: 03.05.2021
<b>Belge Periyodu</b>	: 3 Yıl (Tescil Tarihinden itibaren)
<b>Hariç Tutma</b>	:



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Mansuroğlu Mah. 286/7 Sok. No: 19 Bayraklı/İzmir/TÜRKİYE

Bu sertifika yukarıdaki kuruluşa ait çevre yönetim sisteminin aşağıdaki kapsam çerçevesinde PCA Sertifikasyon tarafından onaylandığını göstermekte olup, sertifikanın geçerliliği kuruluşun yıllık gözetim denetimlerinden geçmesine ve Uluslararası akreditasyon kuralları gereğince ilgili yönetim sisteminin şartlarını devam ettirmesine bağlıdır.

### KAPSAM

Altyapı, üstyapı, inşaat ve taahhüt işleri

**EA KODU**  
28

**Sertifika No** : CY-33114  
**Tescil Tarihi** : 04.05.2020  
**Yeniden Basım Tarihi** :  
**Geçerlilik Tarihi** : 03.05.2021  
**Belge Periyodu** : 3 Yıl (Tescil Tarihinden itibaren)  
**Hariç Tutma** :

  
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Mansuroğlu Mah. 286/7 Sok. No: 19 Bayraklı/İzmir/TÜRKİYE

*Bu sertifika yukarıdaki kuruluşa ait iş sağlığı ve güvenliği yönetim sisteminin aşağıdaki kapsam çerçevesinde PCA  
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denetimlerinden geçmesine ve Uluslararası akreditasyon kuralları gereğince ilgili yönetim sisteminin şartlarını  
devam ettirmesine bağlıdır.*

### KAPSAM

Altyapı, üstyapı, inşaat ve taahhüt işleri

<b>Sertifika No</b>	: OH-52608
<b>Tescil Tarihi</b>	: 04.05.2020
<b>Yeniden Basım Tarihi</b>	:
<b>Geçerlilik Tarihi</b>	: 03.05.2021
<b>Belge Periyodu</b>	: 3 Yıl (Tescil Tarihinden itibaren)
<b>Hariç Tutma</b>	:





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# PROFESSIONAL TEAM **SOLID STRUCTURE**

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