



# Dam & Water Works Construction Co.

**50** Years of experience...  
Years of glory...

On the top of construction  
industry of the country





**Dam & Water Works Construction Co.**

*Founded in 1966, SABIR Dam & Water Works Construction Company is a general contractor for construction of infrastructures.*

### **Major Activities**

- Engineering, procurement, and construction of infrastructures.
- Concrete and earthfill dams and hydroelectric power plants.
- Tunnels and underground structures.
- Roads, railroads and transportation facilities.
- Geotechnical service including field investigations and execution.
- Oil and fuel storage tanks.
- Water treatment plants.
- Subway and urban transportation.



## Major Achievements

### Water Works

- Construction of 13 different types of large concrete and earthfill dams (Karun III concrete double arch dam as the largest with the height of 205 m)
- 5 Concrete and earthfill dams under construction
- Construction of different types of water canals (total length: 950 km)
- Construction of water pipelines (total length: 120 km)
- Water conveyance tunnels (total length: 25 km)
- Water treatment plants with different capacities
- Artificial lake (total area: 123 hectares)

### Energy Sector

- Hydroelectric power plants (total capacity: 3,560 MW)

### Transportation

- Design and construction of the 30 km long Karaj subway line II including 23 stations (under construction)
- Anzob main road tunnel and service tunnel (5 km each)

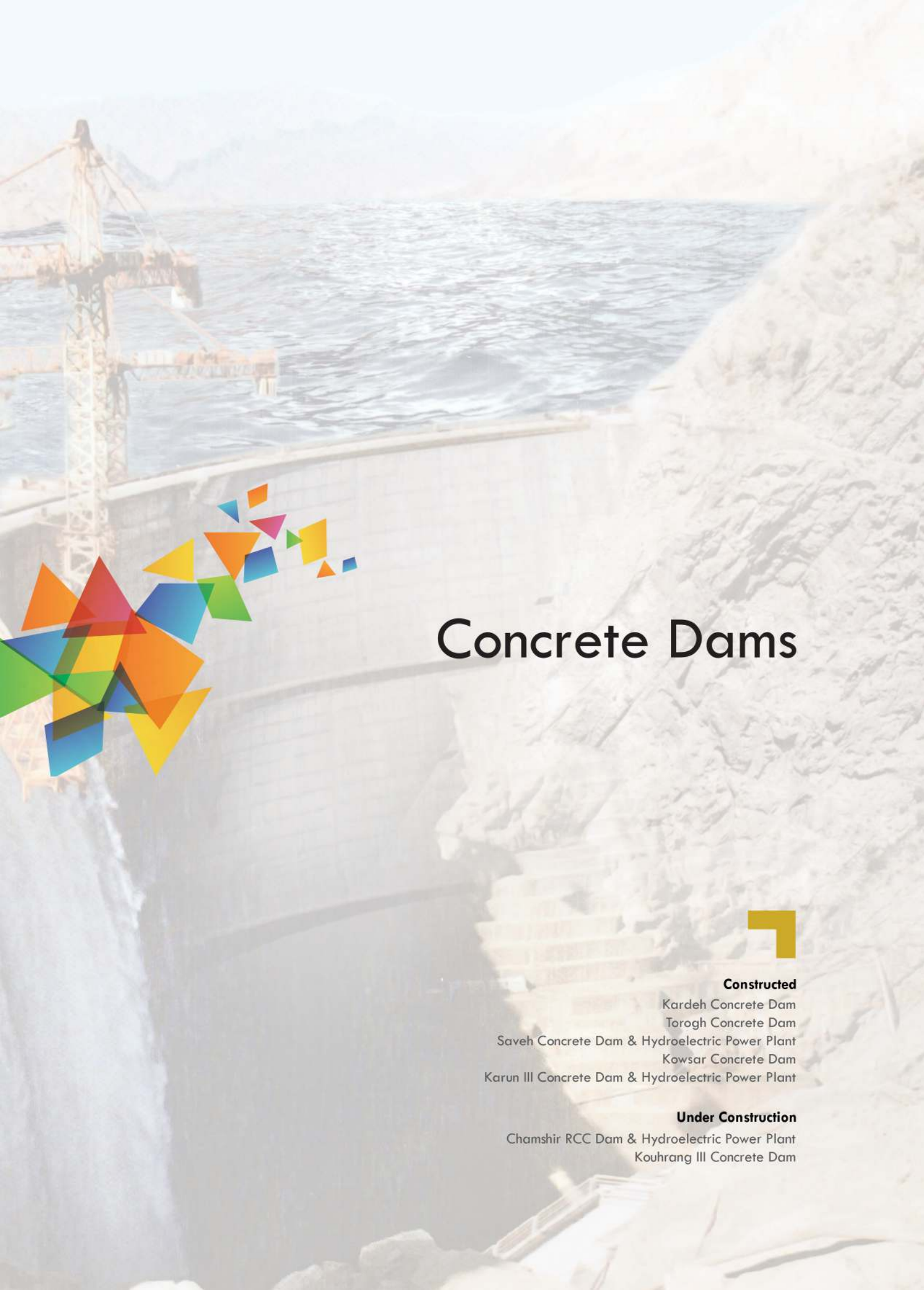
### Oil and Gas Industry

- Design and construction of underground concrete oil storage tanks (total capacity: 4 million barrel)
- Design and construction of a concrete fuel storage tank (total capacity: 90,000 m<sup>3</sup>)

### Geotechnical Services

- Ground improvement works including drilling and grouting (total length: 1,500 km)
- Geophysical surveying and in situ soil and rock mechanics testing





# Concrete Dams



## **Constructed**

Kardeh Concrete Dam  
Torogh Concrete Dam  
Saveh Concrete Dam & Hydroelectric Power Plant  
Kowsar Concrete Dam  
Karun III Concrete Dam & Hydroelectric Power Plant

## **Under Construction**

Chamshir RCC Dam & Hydroelectric Power Plant  
Kouhrang III Concrete Dam

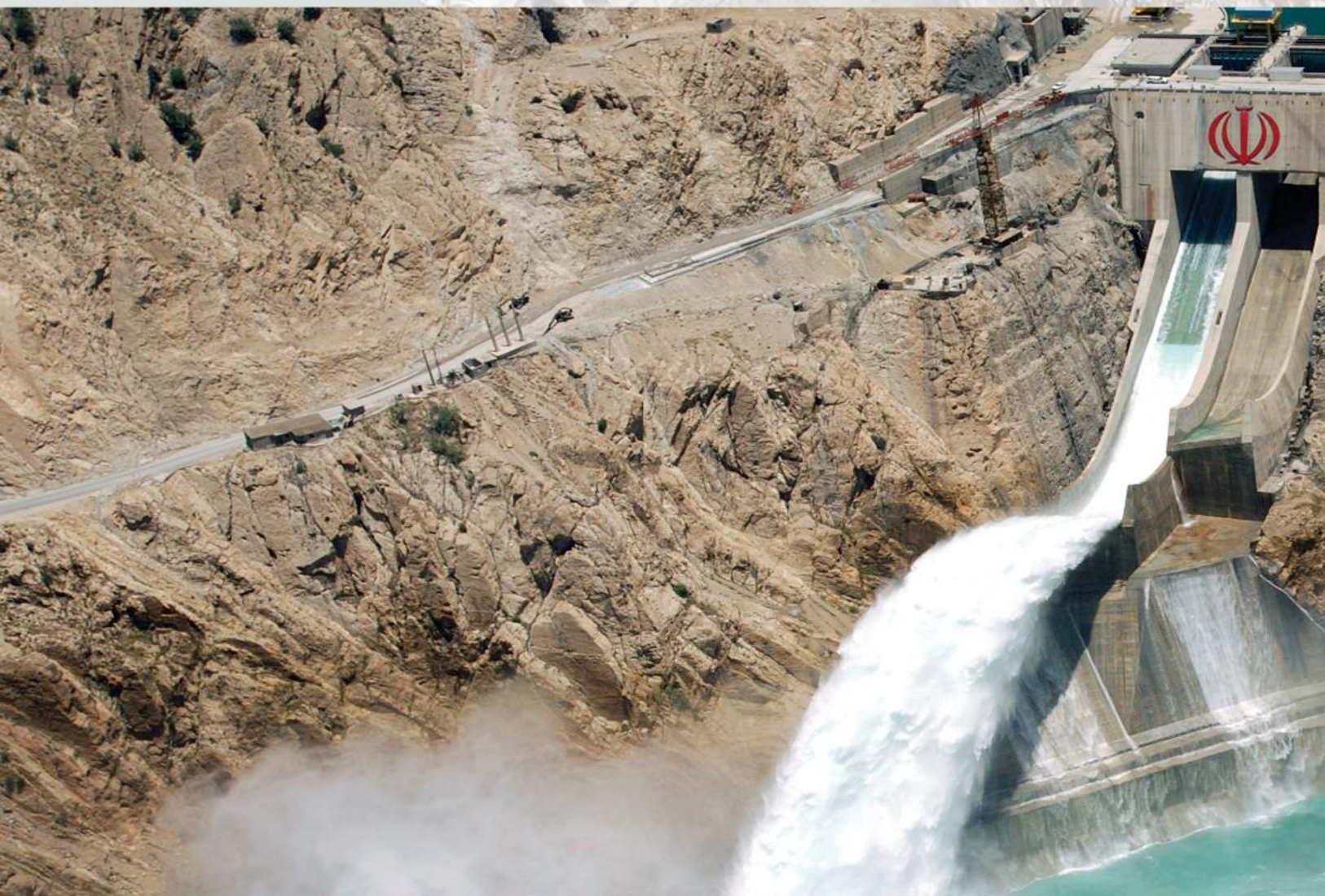





# Karun III Concrete Dam & Hydroelectric Power Plant

## General Features

<b>Client</b>	Iran Water & Power Resources Development Co.
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co. & Acres International Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khuzestan province, south-west of Iran
<b>Completion date</b>	2007



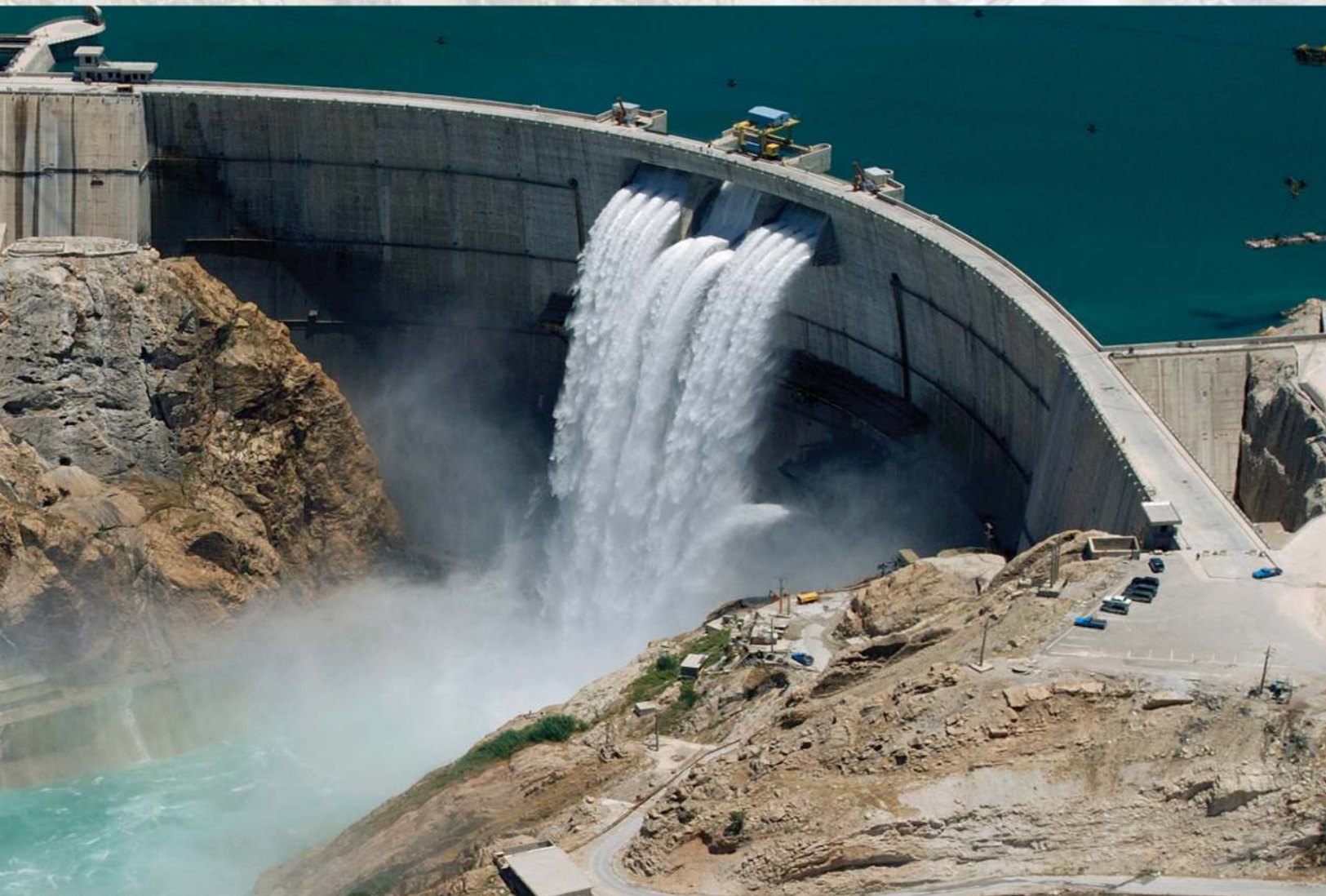




## Volume of Works

Open excavation in rock  
Underground excavation  
Concrete  
Drilling and grouting

5,500,000 m<sup>3</sup>  
1,800,000 m<sup>3</sup>  
2,200,000 m<sup>3</sup>  
1,200 km





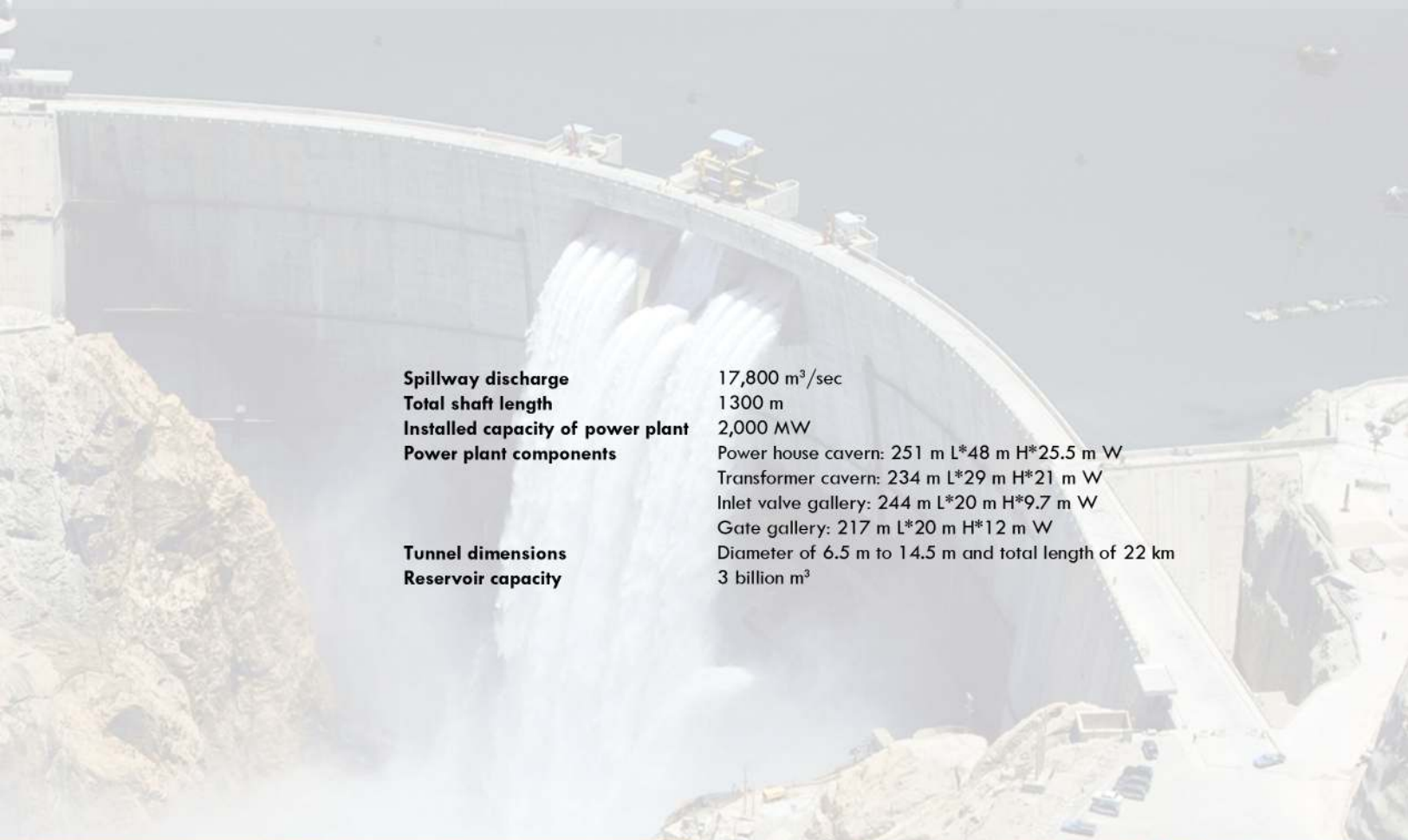
# Karun III Concrete Dam & Hydroelectric Power Plant

## Project Specifications

<b>Dam type</b>	Double arch concrete dam
<b>Dam height</b>	205 m
<b>Crest length</b>	462 m
<b>Crest width</b>	5.5 m
<b>Foundation width</b>	29 m
<b>Spillway type</b>	Main spillway: 2 gates free chutes (15 m*16 m) Middle spillway: Orifice (2 No. of 6 m*8 m) Emergency spillway: Crest overfall (3 spans of 17.5 m*3.5 m and 2 spans of 9 m* 3.5 m)







**Spillway discharge**  
**Total shaft length**  
**Installed capacity of power plant**  
**Power plant components**

**Tunnel dimensions**  
**Reservoir capacity**

17,800 m<sup>3</sup>/sec  
 1300 m  
 2,000 MW  
 Power house cavern: 251 m L\*48 m H\*25.5 m W  
 Transformer cavern: 234 m L\*29 m H\*21 m W  
 Inlet valve gallery: 244 m L\*20 m H\*9.7 m W  
 Gate gallery: 217 m L\*20 m H\*12 m W  
 Diameter of 6.5 m to 14.5 m and total length of 22 km  
 3 billion m<sup>3</sup>







# Chamshir RCC - Arc Dam & Hydroelectric Power Plant

Under Construction

## General Features

<b>Client</b>	Iran Water & Power Resources Development Co.
<b>Contract type</b>	EPCF
<b>Contractor</b>	SABIR Dam & Water Works Construction Co. and CGGC
<b>Location</b>	Kohgiluyeh & Boyer-Ahmad province, south-west of Iran





## Project Specifications

<b>Dam type</b>	Roller-Compacted Concrete (RCC) gravity dam
<b>Dam height</b>	155 m
<b>Crest length</b>	720 m
<b>Spillway type</b>	Gated chute (3 gates)
<b>Spillway width</b>	43 m
<b>Spillway discharge</b>	7,500 m <sup>3</sup> /s
<b>Power plant capacity</b>	Three units 55 MW & Two units 5.5 MW
<b>Reservoir capacity</b>	2.3 billion m <sup>3</sup>

## Volume of Works

<b>Open rock excavation</b>	3,000,000 m <sup>3</sup>
<b>Underground excavation</b>	2,000,000 m <sup>3</sup>
<b>Concrete</b>	1,800,000 m <sup>3</sup>
<b>Reinforcement</b>	17,000 tons
<b>Formworking</b>	240,000 m <sup>2</sup>







# Chamshir RCC - Arc Dam & Hydroelectric Power Plant

Under Construction











# Chamshir RCC - Arc Dam & Hydroelectric Power Plant

Under Construction











# Kouhrang III Concrete Dam

Under Construction





## General Features

<b>Client</b>	Isfahan Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Charmahal va Bakhtyari province, south-west of Iran

## Project Specifications

<b>Dam type</b>	Double arch concrete dam
<b>Dam height</b>	135 m
<b>Crest length</b>	235 m
<b>Crest width</b>	5 m
<b>Foundation width</b>	23 m
<b>Spillway type</b>	Free spillway
<b>Spillway discharge</b>	1,294 m <sup>3</sup> /sec
<b>Diversion tunnel length</b>	560 m
<b>Reservoir capacity</b>	300 million m <sup>3</sup>

## Volume of Works

<b>Open excavation</b>	1,600,000 m <sup>3</sup>
<b>Underground excavation</b>	50,000 m <sup>3</sup>
<b>Embankment</b>	170,000 m <sup>3</sup>
<b>Concrete</b>	365,000 m <sup>3</sup>
<b>Drilling and grouting</b>	277 km







# Kouhrang III Concrete Dam

Under Construction





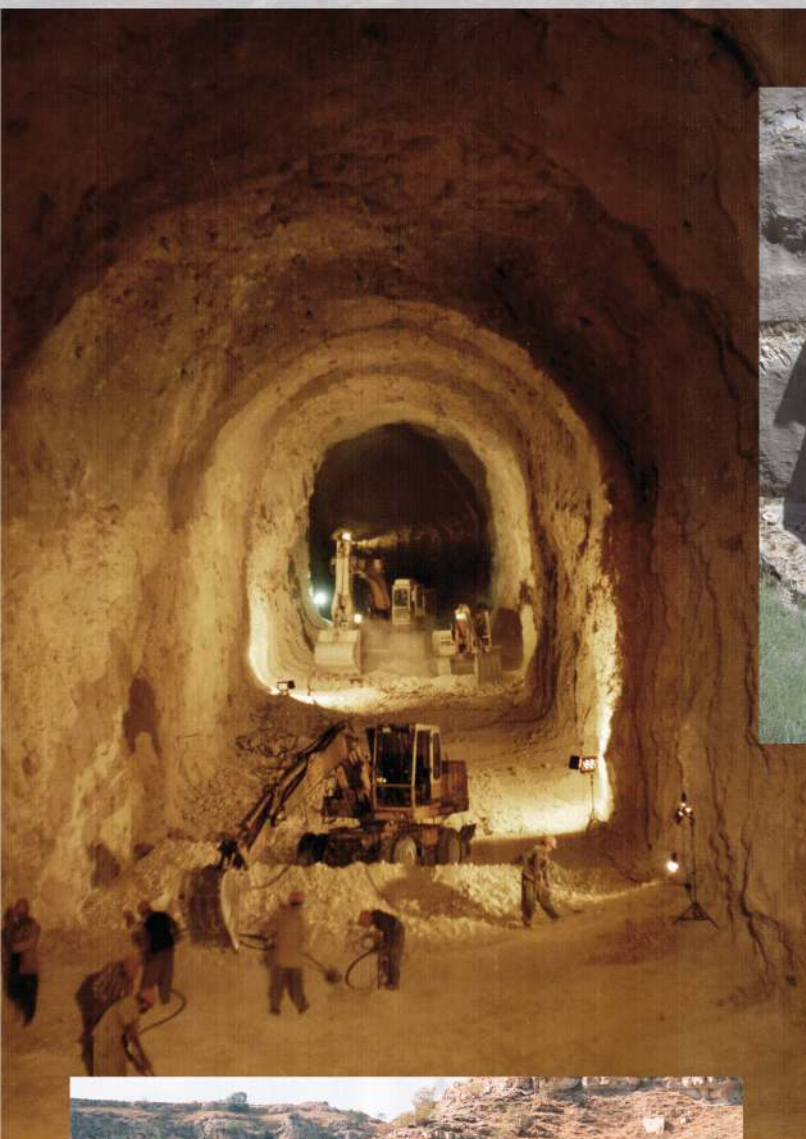




# Kowsar Concrete Dam

## General Features

<b>Client</b>	Fars Regional Water Board
<b>Contract type</b>	EPC
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Kohgiluyeh & Boyer-Ahmad province, south-west of Iran
<b>Completion date</b>	2004



## Project Specifications

<b>Dam type</b>	Concrete gravity dam
<b>Dam height</b>	144 m
<b>Crest length</b>	190 m
<b>Crest width</b>	7 m
<b>Foundation width</b>	63 m
<b>Spillway type</b>	Main spillway: Tunnel spillway with 2 gates (550 m L*11.5 m Dia) Auxiliary spillway: chute (4 spans of 15 m width)
<b>Spillway discharge</b>	5,510 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	580 million m <sup>3</sup>

## Volume of Works

<b>Open excavation</b>	529,000 m <sup>3</sup>
<b>Underground excavation</b>	250,000 m <sup>3</sup>
<b>Concrete</b>	673,000 m <sup>3</sup>
<b>Drilling and grouting</b>	168 km









## Saveh Concrete Dam & Hydroelectric Power Plant



### General Features

<b>Client</b>	Tehran Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co. & Rom Consult Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Markazi province, north of Iran
<b>Completion date</b>	1994





## Project Specifications

<b>Dam type</b>	Double arch concrete dam
<b>Dam height</b>	128 m
<b>Crest length</b>	265 m
<b>Crest width</b>	6 m
<b>Foundation width</b>	28 m
<b>Spillway type</b>	Free overfall (5 spans of 10 m*4m)
<b>Spillway discharge</b>	816 m <sup>3</sup> /sec
<b>Power plant capacity</b>	10 MW
<b>Reservoir capacity</b>	290 million m <sup>3</sup>

## Volume of Works

<b>Excavation</b>	450,000 m <sup>3</sup>
<b>Concrete</b>	365,000 m <sup>3</sup>
<b>Drilling and grouting</b>	98.5 km





# Torogh Concrete Dam

## General Features

<b>Client</b>	Khorasan Regional Water Board
<b>Consultant</b>	Scetiran Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khorasan province, north-east of Iran
<b>Completion date</b>	1989

## Project Specifications

<b>Dam type</b>	Double arch concrete dam
<b>Dam height</b>	81 m
<b>Crest length</b>	322 m
<b>Crest width</b>	4.8 m
<b>Foundation width</b>	12.8 m
<b>Spillway type</b>	Morning glory
<b>Spillway discharge</b>	240 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	40 million m <sup>3</sup>



## Volume of Works

Rock excavation and earthworks	250,000 m <sup>3</sup>
Concrete	160,000 m <sup>3</sup>









# Kardeh Concrete Dam

## General Features

<b>Client</b>	Khorasan Regional Water Board
<b>Consultant</b>	Scetiran Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khorasan province, north-east of Iran
<b>Completion date</b>	1988

## Project Specifications

<b>Dam type</b>	Double arch concrete dam
<b>Dam height</b>	70 m
<b>Crest length</b>	144 m
<b>Spillway type</b>	Morning glory
<b>Spillway discharge</b>	700 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	38 million m <sup>3</sup>

## Volume of Works

<b>Rock excavation and earthworks</b>	35,000 m <sup>3</sup>
<b>Concrete</b>	42,000 m <sup>3</sup>







# Earthfill Dams



## **Constructed**

Geshlagh Dam  
15<sup>th</sup> Khordad Dam  
Pishin Dam  
Shahid Yaghoubi Dam  
Golestan Dam  
Tabarak-Abad Dam  
Mamloo Dam  
Alborz Dam

## **Under Construction**

Germi-Chai Dam  
Ghiz-Ghalasi Dam & Hydroelectric Power Plant  
Namrood Dam





# Ghiz-Ghalasi Dam & Hydroelectric Power Plant

Under Construction



## General Features

<b>Client</b>	East Azarbaijan Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Eastern Azarbaijan province, north-west of Iran

## Project Specifications

<b>Dam type</b>	Earthfill dam with clay core
<b>Dam height</b>	40 m
<b>Crest length</b>	1000 m
<b>Crest width</b>	10 m
<b>Foundation width</b>	18 m
<b>Spillway type</b>	Free chute
<b>Spillway discharge</b>	2,260 m <sup>3</sup> /sec
<b>Power plant capacity</b>	160 MW
<b>Reservoir capacity</b>	62 million m <sup>3</sup>





### Volume of Works

Excavation	3,740,000 m <sup>3</sup>
Embankment	2,560,000 m <sup>3</sup>
Concrete	327,500 m <sup>3</sup>
Drilling for grouting	34 km







# Namrood Dam

Under Construction



## General Features

<b>Client</b>	Tehran Regional Water Company
<b>Consultant</b>	Lar Consulting Engineers Company
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Firouzkouh
<b>Completion date</b>	2015





## Project Specifications

<b>Dam type</b>	Earthfill dam with clay core
<b>Dam height</b>	83.5 m
<b>Crest length</b>	680 m
<b>Crest width</b>	12 m
<b>Spillway type</b>	Free chute with the slope 16 and 21 and 22 m. of width
<b>Spillway discharge</b>	797 m <sup>3</sup> /sec
<b>Total volume of dam reservoir</b>	139.1 million m <sup>3</sup>

## Volume of Works

<b>Excavation</b>	2,700,000 m <sup>3</sup>
<b>Embankment</b>	2,300,000 m <sup>3</sup>
<b>Concrete</b>	42,000 m <sup>3</sup>



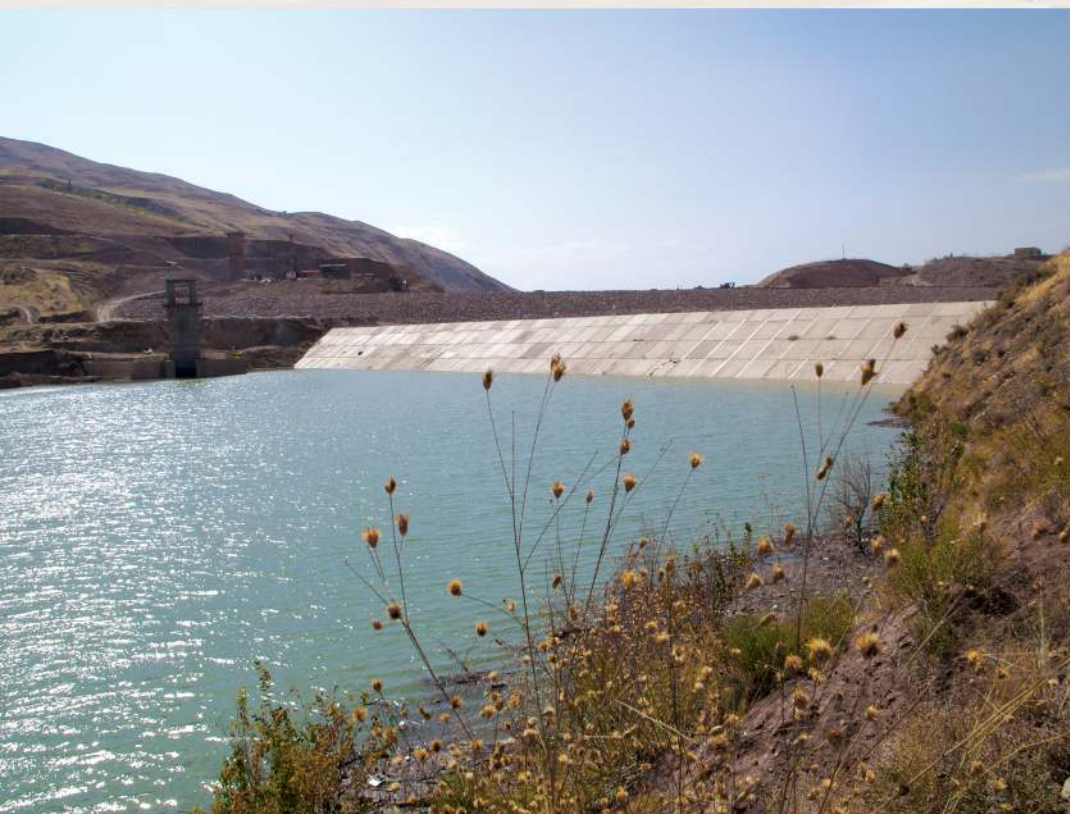


# Germi-Chai Dam

Under Construction

## General Features

<b>Client</b>	East Azarbaijan & Ardabil Regional Water Board
<b>Consultant</b>	Ashnab Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Eastern Azarbaijan province, north-west of Iran



## Project Specifications

<b>Dam type</b>	Earthfill dam with clay core
<b>Dam height</b>	87 m
<b>Crest length</b>	730 m
<b>Spillway type</b>	Free chute
<b>Spillway discharge</b>	328 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	40 million m <sup>3</sup>





### Volume of Works

Excavation	2,575,000 m <sup>3</sup>
Embankment	4,900,000 m <sup>3</sup>
Concrete	120,000 m <sup>3</sup>
Cut-off wall	4,000 m <sup>3</sup>
Drilling and grouting	65 km



# Mamloo Dam

## General Features

<b>Client</b>	Tehran Regional Water Board
<b>Consultant</b>	Lar Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Tehran province, north of Iran
<b>Completion date</b>	2011





## Project Specifications

<b>Dam type</b>	Earthfill dam with clay core
<b>Dam height</b>	89 m
<b>Crest length</b>	807 m
<b>Crest width</b>	10 m
<b>Spillway type</b>	Gated free chute
<b>Spillway discharge</b>	2,203 m <sup>3</sup> /sec
<b>Diversion tunnel dimensions</b>	377 m L*7.4 m Dia
<b>Reservoir capacity</b>	250 million m <sup>3</sup>

## Volume of Works

<b>Excavation</b>	2,200,000 m <sup>3</sup>
<b>Embankment</b>	7,400,000 m <sup>3</sup>
<b>Concrete</b>	128,000 m <sup>3</sup>
<b>Cut-off wall concrete</b>	16,400 m <sup>3</sup>
<b>Drilling and grouting</b>	53 km

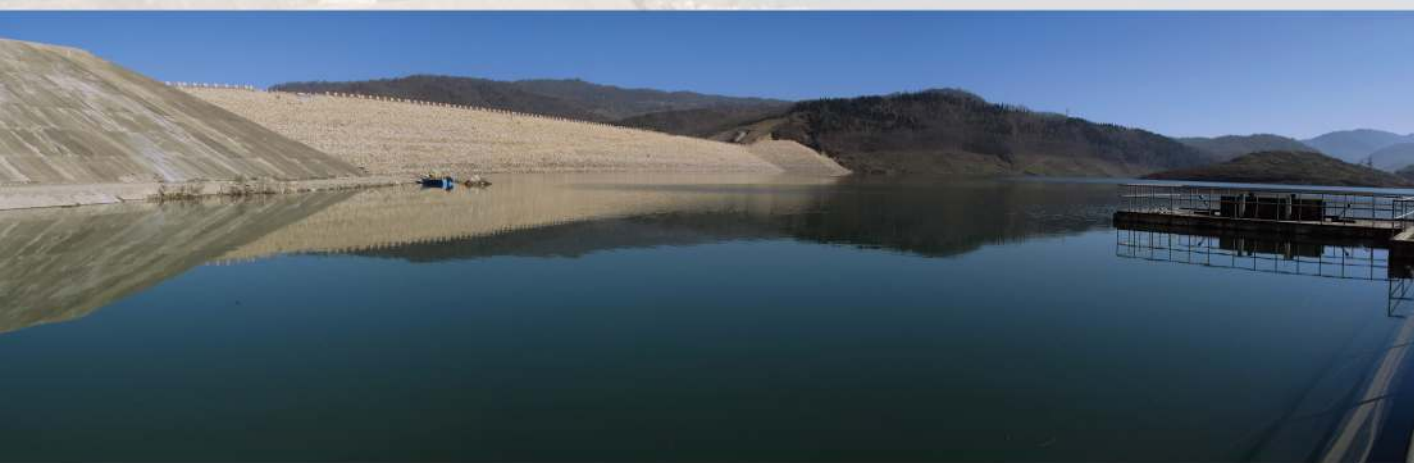




# Alborz Dam

## General Features

<b>Client</b>	Mazandaran Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Mazandaran province, north of Iran
<b>Completion date</b>	2012



## Volume of Works

<b>Excavation</b>	7,905,000 m <sup>3</sup>
<b>Embankment</b>	8,318,000 m <sup>3</sup>
<b>Concrete</b>	158,400 m <sup>3</sup>
<b>Drilling and grouting</b>	115 km
<b>Slope stabilization area</b>	650,000 m <sup>2</sup>





## Project Specifications

<b>Dam type</b>	Rockfill dam with clay core
<b>Dam height</b>	78 m
<b>Crest length</b>	838 m
<b>Crest width</b>	12 m
<b>Foundation width</b>	430 m
<b>Spillway type</b>	Morning glory
<b>Spillway discharge</b>	1,010 m <sup>3</sup> /sec
<b>Spillway shaft dimensions</b>	59 m L*7.5 m Dia
<b>Spillway tunnel dimensions</b>	370 m L*7.5 m Dia
<b>Diversion tunnel dimensions</b>	Tunnel No. 1: 551 m L*4 ~6 m Dia Tunnel No. 2: 569 m L* 4 m Dia
<b>Reservoir capacity</b>	150 million m <sup>3</sup>
<b>Babolak water conveyance tunnel dimensions</b>	2,600 m L*4 m Dia





## Alborz Dam









## Alborz Dam









# Tabarak-Abad Dam







## General Features

<b>Client</b>	Khorasan Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khorasan province, north-east of Iran
<b>Completion date</b>	2006

## Project Specifications

<b>Dam type</b>	Rockfill dam with clay core
<b>Dam height</b>	74 m
<b>Crest length</b>	250 m
<b>Crest width</b>	10 m
<b>Spillway type</b>	Free chute
<b>Spillway discharge</b>	1,107 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	60 million m <sup>3</sup>
<b>Diversion tunnel dimensions</b>	258 m L*4.7 m Dia
<b>Grouting tunnel dimensions</b>	202 m L*3.1 m Dia

## Volume of Works

<b>Excavation</b>	870,000 m <sup>3</sup>
<b>Embankment</b>	1,300,000 m <sup>3</sup>
<b>Concrete</b>	47,000 m <sup>3</sup>
<b>Drilling and grouting</b>	30 km



# Golestan Dam

## General Features

<b>Client</b>	Mazandaran Regional Water Board
<b>Consultant</b>	Tehran Berkeley Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Golestan province, north of Iran
<b>Completion date</b>	2000



## Project Specifications

<b>Dam type</b>	Concrete Face Rockfill Dam (CFRD)
<b>Dam height</b>	25 m
<b>Crest length</b>	1,300 m
<b>Crest width</b>	10 m
<b>Foundation width</b>	170 m
<b>Diversion dam dimensions</b>	28 m H*113 m L
<b>Spillway type</b>	Free chute
<b>Spillway discharge</b>	1,550 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	86 million m <sup>3</sup>

## Volume of Works

<b>Excavation</b>	7,400,000 m <sup>3</sup>
<b>Embankment</b>	6,000,000 m <sup>3</sup>
<b>Concrete</b>	89,000 m <sup>3</sup>









# Shahid Yaghoubi Dam

## General Features

<b>Client</b>	Khorasan Regional Water Board
<b>Consultant</b>	Toosab Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khorasan province, north-east of Iran
<b>Completion date</b>	1996





## Project Specifications

Dam type	Rockfill dam with clay core
Dam height	61 m
Crest length	887 m
Crest width	11 m
Foundation width	225 m
Spillway type	Free chute
Spillway discharge	3,560 m <sup>3</sup> /sec
Reservoir capacity	72 million m <sup>3</sup>



## Volume of Works

Excavation	815,000 m <sup>3</sup>
Embankment	2,200,000 m <sup>3</sup>
Concrete	93,000 m <sup>3</sup>
Drilling and grouting	39 km



# Pishin Dam

## General Features

<b>Client</b>	Sistan va Baluchestan Regional Water Board
<b>Consultant</b>	Pars Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Sistan va Baluchestan province, south-east of Iran
<b>Completion date</b>	1993



## Volume of Works

<b>Excavation</b>	2,000,000 m <sup>3</sup>
<b>Embankment</b>	3,000,000 m <sup>3</sup>
<b>Concrete</b>	400,000 m <sup>3</sup>
<b>Drilling and grouting</b>	50 km



## Project Specifications

<b>Dam type</b>	Rockfill dam with clay core
<b>Dam height</b>	63 m
<b>Crest length</b>	400 m
<b>Crest width</b>	10 m
<b>Foundation width</b>	260 m
<b>Spillway type</b>	Free chute
<b>Spillway discharge</b>	11,300 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	175 million m <sup>3</sup>





# 15<sup>th</sup> Khordad Dam



## General Features

<b>Client</b>	Tehran Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Markazi province, center of Iran
<b>Completion date</b>	1994

## Volume of Works

<b>Excavation</b>	550,000 m <sup>3</sup>
<b>Embankment</b>	2,000,000 m <sup>3</sup>
<b>Concrete</b>	128,000 m <sup>3</sup>



## Project Specifications

<b>Dam type</b>	Earthfill nonhomogeneous embankment with clay core
<b>Dam height</b>	Main dam: 96.8 m Earthfill dike: 28 m
<b>Crest length</b>	Main dam: 320 m Earthfill dike: 1,324 m
<b>Crest width</b>	Main dam: 10 m Earthfill dike: 6 m
<b>Spillway type</b>	Main dam: Morning glory (28 m opening diameter, 10.5 m tunnel diameter and 233 m tunnel length) Earthfill dike: Concrete fuse plug (124 m)
<b>Spillway discharge</b>	Main spillway: 1,418 m <sup>3</sup> /sec Emergency spillway: 5,800 m <sup>3</sup> /sec 200 million m <sup>3</sup>





# Gheshlagh Dam

## General Features

<b>Client</b>	West Regional Water Board
<b>Consultant</b>	Taleghan Daftari Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Kurdistan province, west of Iran
<b>Completion date</b>	1983

## Project Specifications

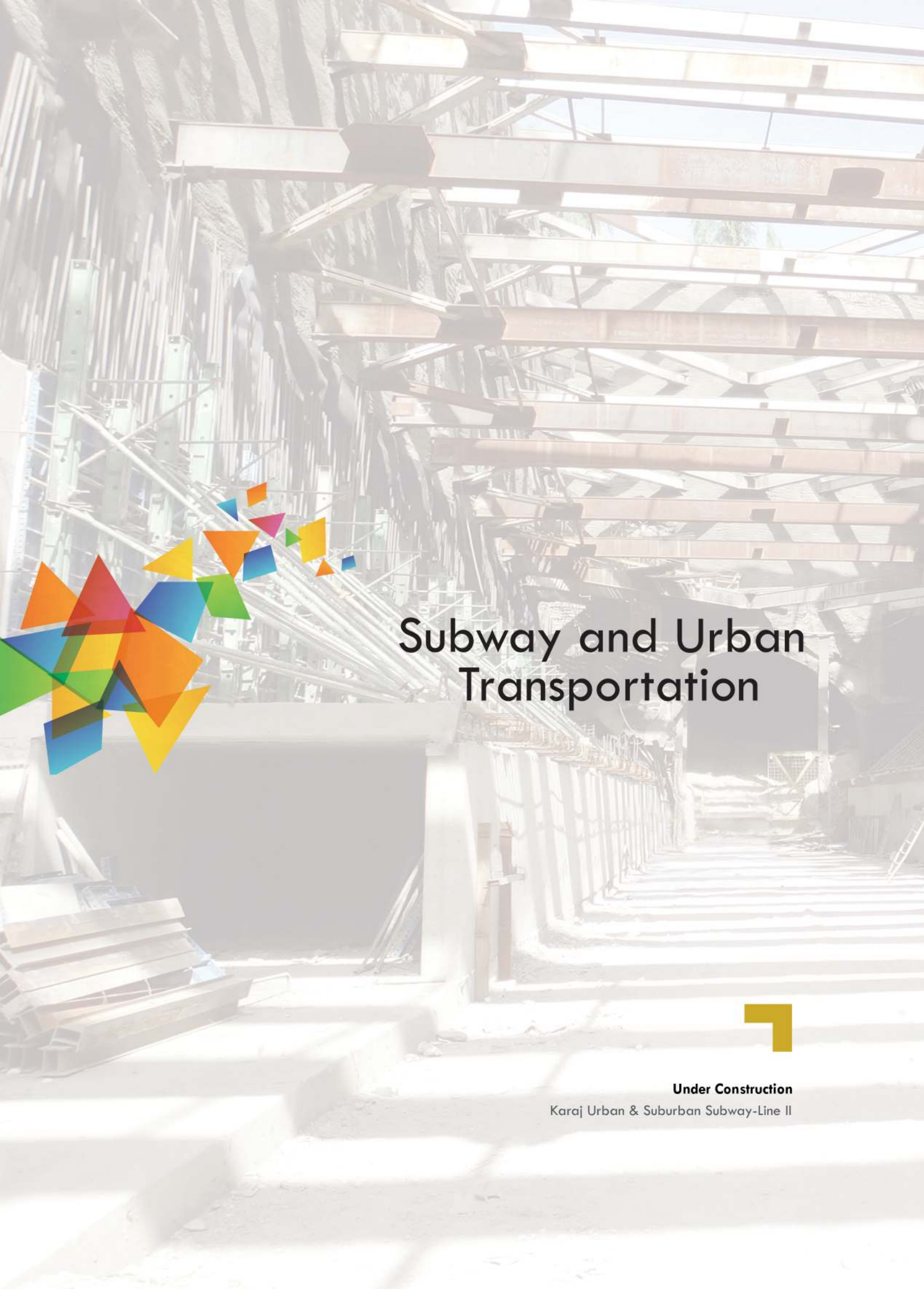
<b>Dam type</b>	Rockfill dam with clay core
<b>Dam height</b>	80 m
<b>Crest length</b>	320 m
<b>Crest width</b>	10 m
<b>Foundation width</b>	260 m
<b>Spillway type</b>	Free chute
<b>Spillway discharge</b>	2,600 m <sup>3</sup> /sec
<b>Reservoir capacity</b>	224 million m <sup>3</sup>
<b>Diversion tunnel dimensions</b>	410 m L*7.0 m Dia

## Volume of Works

<b>Excavation</b>	1,000,000 m <sup>3</sup>
<b>Embankment</b>	2,445,000 m <sup>3</sup>
<b>Concrete</b>	35,000 m <sup>3</sup>
<b>Drilling and grouting</b>	81 km







# Subway and Urban Transportation



**Under Construction**  
Karaj Urban & Suburban Subway-Line II





# Karaj Urban & Suburban Subway-Line II

Under Construction



## General Features

<b>Client</b>	Karaj Urban & Suburban Railway Organization
<b>Contract type</b>	EPCF
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Alborz province, north of Iran





## Project Specifications

<b>Project components</b>	Tunnels, depot, parking, central control station, E & M supply, installation
<b>Tunnel length</b>	30 km
<b>Tunnel diameter</b>	8.4 m
<b>Number of stations</b>	23
<b>Floor area of stations</b>	210,000 m <sup>2</sup>





# Karaj Urban & Suburban Subway-Line II

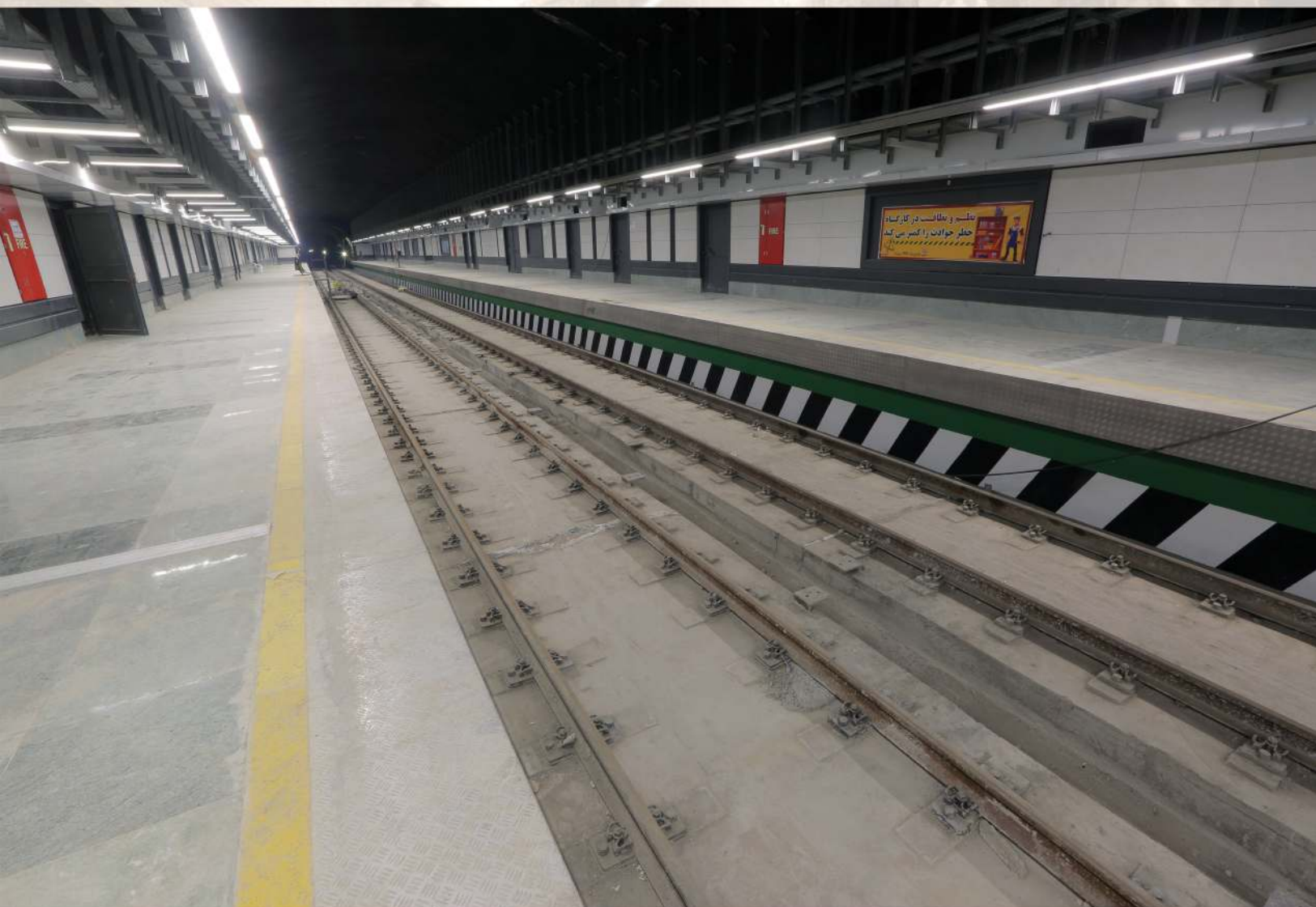
Under Construction

## Volume of Works

Excavation	2,200,000 m <sup>3</sup>
Tunnel boring	2,000,000 m <sup>3</sup>
Concrete	1,560,000 m <sup>3</sup>
Reinforcement	154,000 tons





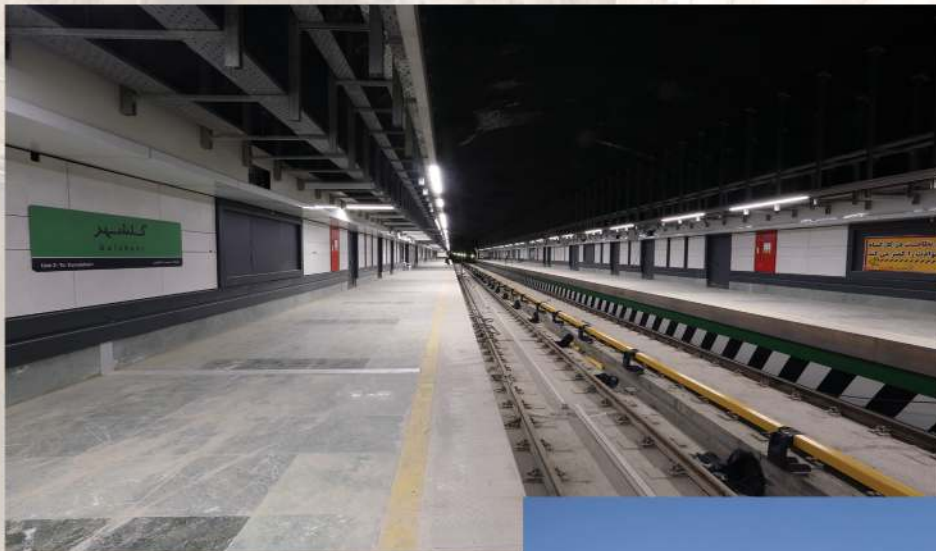






# Karaj Urban & Suburban Subway-Line II

Under Construction







# Artificial Lake



**Constructed**  
Chitgar Dam & Artificial Recreational Lake



# Chitgar Dam & Artificial Recreational Lake



## General Features

<b>Client</b>	Tehran Engineering and Development Organization
<b>Consultant</b>	Pars Dam and Tunnel Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Tehran province, north of Iran
<b>Completion date</b>	2013





## Project Specifications

### Lake

Lake area	132 hectares
Reservoir capacity	8.50 million m <sup>3</sup>
Average depth	6 m

### Dam

Dam type	Geomembrane face rockfill dam
Dam height	14 m
Crest length	800 m
Crest width	13.4 m
Foundation width	36 m to 80 m

### Water pipe line

Length of canal	4,120 m
Length of G.R.P. pipe	3,540 m
Length of polyethylene pipes	1,750 m

### Lake side dikes

Dike average height	7 m
Crest length	4,030 m
Crest width	7 m
Foundation width	8 m to 43 m

### Islands

West island area	7,179 m <sup>2</sup>
East island area	19,284 m <sup>2</sup>
North island area	13,958 m <sup>2</sup>

### Hakim Highway

#### (Partial construction)

Length	730 m
Width	27 m





# Chitgar Dam & Artificial Recreational Lake



## Volume of Works

Excavation	1,600,000 m <sup>3</sup>
Earthfill	1,580,000 m <sup>3</sup>
Concrete	41,000 m <sup>3</sup>
Soil-cement layer	131,500 m <sup>3</sup>
Shotcrete area	117,500 m <sup>2</sup>
Area of geomembrane installation	1,278,000 m <sup>2</sup>
Area of geotextile installation	2,711,000 m <sup>2</sup>
Cobblestone layer	246,000 m <sup>3</sup>







# Irrigation & Drainage Canals



## **Constructed**

Doroudzan Dam Canals

## **Under Construction**

Khoda-Afarin Main Canal





# Khoda-Afarin Main Canal

Under Construction

## General Features

<b>Client</b>	East Azarbaijan Regional Water Board
<b>Consultant</b>	Tavanab Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Eastern Azarbaijan province, north-west of Iran





## Project Specifications

Canal length	15.771 km
Floor width	8 m
Depth	5.5 m
Discharge capacity	85 m <sup>3</sup> /sec

## Volume of Works

Excavation	2,843,000 m <sup>3</sup>
Embankment	2,314,000 m <sup>3</sup>
Concrete	123,000 m <sup>3</sup>
Area of geotextile installation	800,000 m <sup>2</sup>
Area of geomembrane installation	400,000 m <sup>2</sup>
Siphon piping length	4,800 m





## Khoda-Afarin Main Canal









## Khoda-Afarin Main Canal









# Doroudzan Dam Canals



## General Features

<b>Client</b>	Fars Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Fars province, south-west of Iran
<b>Completion date</b>	Contract A) 1989 Contract B) 1990 Contract C) 1992 Contract D) 1997

## Volume of Works

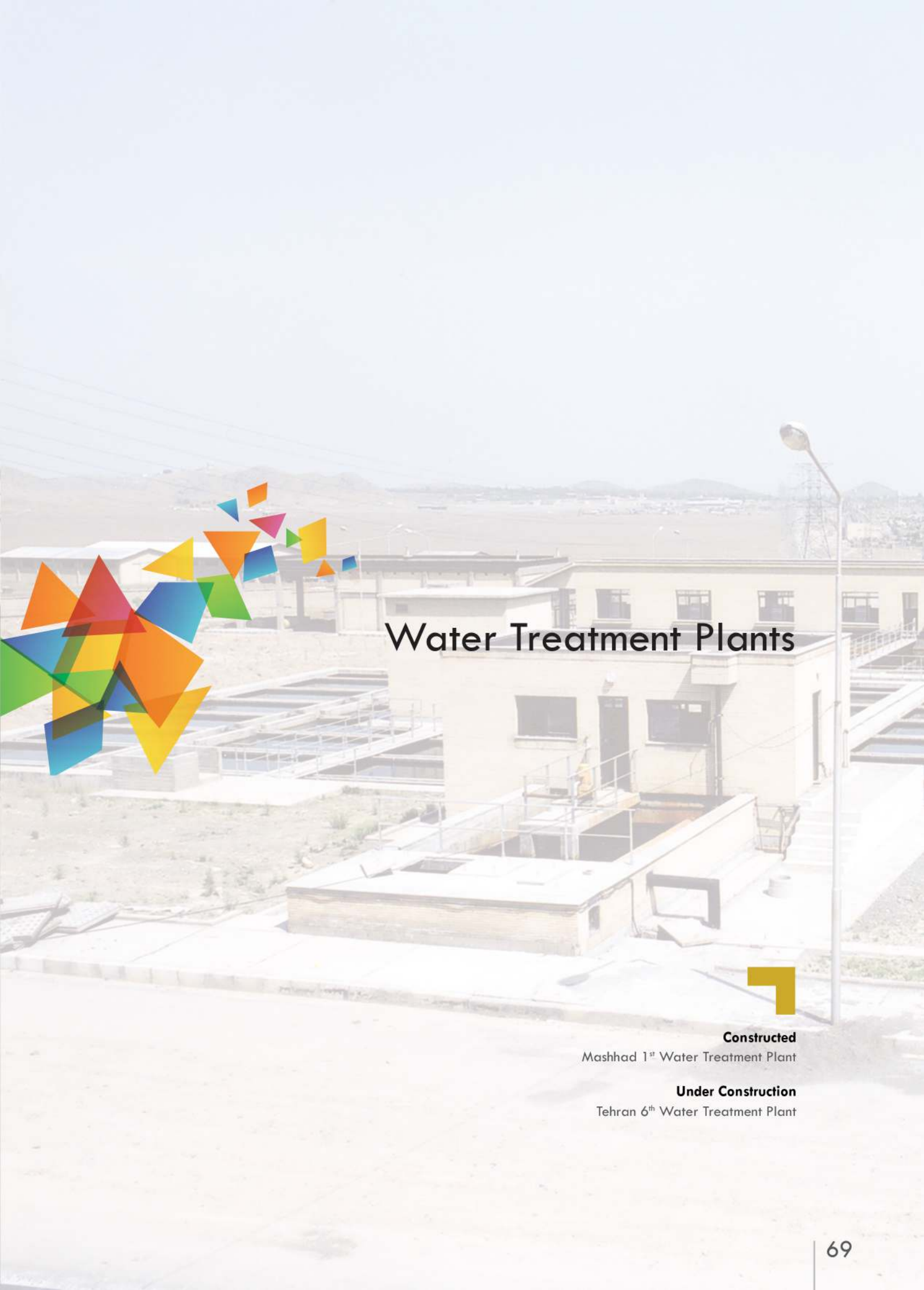
<b>Excavation</b>	Totally: 6,200,000 m <sup>3</sup> 545,000 m <sup>3</sup> (A)+105,000 m <sup>3</sup> (C)+4,000,000 m <sup>3</sup> (B)+1,550,000 m <sup>3</sup> (D)
<b>Embankment</b>	Totally: 5,945,000 m <sup>3</sup> 460,000 m <sup>3</sup> (A)+135,000 m <sup>3</sup> (C)+4,000,000 m <sup>3</sup> (B)+1,350,000 m <sup>3</sup> (D)
<b>Concrete</b>	Totally: 444,500 m <sup>3</sup> 235,000 m <sup>3</sup> (A)+16,000 m <sup>3</sup> (C)+135,000 m <sup>3</sup> (B)+58,500 m <sup>3</sup> (D)

## Project Specifications

<b>Canal length</b>	Totally: 856.5 km Primary and secondary canals: 170 km (A) Tertiary and quaternary canals: 32 km (B)+500 km (C)+145 km (D) Drainage canals: 9.5 km (D)
---------------------	---







# Water Treatment Plants



**Constructed**

Mashhad 1<sup>st</sup> Water Treatment Plant

**Under Construction**

Tehran 6<sup>th</sup> Water Treatment Plant





# Tehran 6<sup>th</sup> Water Treatment Plant

Under Construction

## General Features

<b>Client</b>	Tehran Regional Water Board
<b>Contract type</b>	EPC
<b>Contractor</b>	SABIR Dam & Water Works Construction Co. & Omrab Engineering Co.
<b>Location</b>	Tehran province, north of Iran







## Project Specifications

**Capacity** 648,000 m<sup>3</sup>/day (7.5 m<sup>3</sup>/sec)

**Different parts**

- Parshall flume
- Trash rack
- Rapid mixing (3 Units)
- Pulsator clarifier (6 Units)
- 2-Layer filters
- Disinfection & chlorination system
- Purified water storage tank
- Other buildings

## Volume of Works

**Excavation** 250,000 m<sup>3</sup>  
**Concrete** 65,000 m<sup>3</sup>





# Mashhad 1<sup>st</sup> Water Treatment Plant

## General Features

<b>Client</b>	Khorasan Regional Water Board
<b>Contract type</b>	EPC
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khorasan province, north-east of Iran
<b>Completion date</b>	1991

## Project Specifications

<b>Capacity</b>	96,000 m <sup>3</sup> /day (1.1 m <sup>3</sup> /sec)
<b>Type</b>	Degremont France

## Volume of Works

<b>Excavation</b>	42,000 m <sup>3</sup>
<b>Embankment</b>	25,000 m <sup>3</sup>
<b>Concrete</b>	10,000 m <sup>3</sup>







# Road, Bridge & Long Tunnels



## **Constructed**

Anzob Road Tunnel in Tajikistan  
Dez-Qomrood Water Conveyance Tunnel

## **Under Construction**

Chamshir Diversion Dam & Conveyance Tunnel  
Unlevel Crossroad of Shahid Bandar Square



# Chamshir Diversion Dam & Conveyance Tunnel

Under Construction



## General Features

<b>Client</b>	Iran Water & Power Resources Development Co.
<b>Contract type</b>	EPCF
<b>Contractor</b>	SABIR Dam & Water Works Construction Co. and CGGC
<b>Location</b>	Khuzestan province, south-west of Iran





### Tunnel Specifications

<b>Length</b>	6913 m
<b>Method of excavation</b>	Shielded Hard-Rock TBM
<b>Total excavation</b>	153,000 m <sup>3</sup>
<b>Excavation diameter</b>	5.3 m
<b>Inner diameter</b>	4.6 m
<b>Discharge capacity</b>	27 m <sup>3</sup> /s
<b>Segment type</b>	Universal (6 + 0)

### Volume of Works

<b>Tunnel boring</b>	155,000 m <sup>3</sup>
<b>Concrete</b>	120,000 m <sup>3</sup>
<b>Embankment</b>	400,000 m <sup>3</sup>
<b>Reinforcement</b>	10,300 tons

### Diversion Dam Specifications

<b>Crest length</b>	125.5 m
<b>Height above foundation</b>	9 m
<b>Reservoir total capacity</b>	3.75 m <sup>3</sup>
<b>Spillway gates</b>	13
<b>Stilling basin type</b>	USBR-II (25m)



## Dez-Qomrood Water Conveyance Tunnel





## General Features

<b>Client</b>	Tehran Regional Water Board
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Lorestan province, west of Iran
<b>Completion date</b>	2013



## Project Specifications

<b>Tunnel length</b>	11311 m
<b>Total excavation</b>	210,000 m <sup>3</sup>
<b>Excavation diameter</b>	4.69 m
<b>Inner diameter</b>	3.80 m
<b>Excavation method</b>	Shielded EPB TBM
<b>Discharge capacity</b>	23 m <sup>3</sup> /s
<b>Segment type</b>	Universal (5 + 1)

## Volume of Works

<b>Tunnel boring</b>	195,000 m <sup>3</sup>
<b>Concrete</b>	61,000 m <sup>3</sup>
<b>Reinforcement</b>	5,800 tons





# Unlevel Crossroad of Shahid Bandar Square

Under Construction



## General Features

<b>Client</b>	Ahvaz Municipality
<b>Consultant</b>	Hexa Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Ahvaz city

## Project Specifications

<b>Length of main bridge</b>	365 m
<b>Length of ramp bridge No. 1</b>	202 m
<b>Length of ramp bridge No. 2</b>	168 m
<b>Length of ramp bridge No. 3</b>	521.7 m
<b>Length of ramp bridge No. 4</b>	590.2 m

## Volume of Works

<b>Excavation</b>	67,755 m <sup>3</sup>
<b>Embankment</b>	48,000 m <sup>3</sup>
<b>Length of pile</b>	9000 m
<b>Reinforcement for foundation, column, beam, walls and bridges</b>	6,600 tons











# Unlevel Crossroad of Shahid Bandar Square

Under Construction



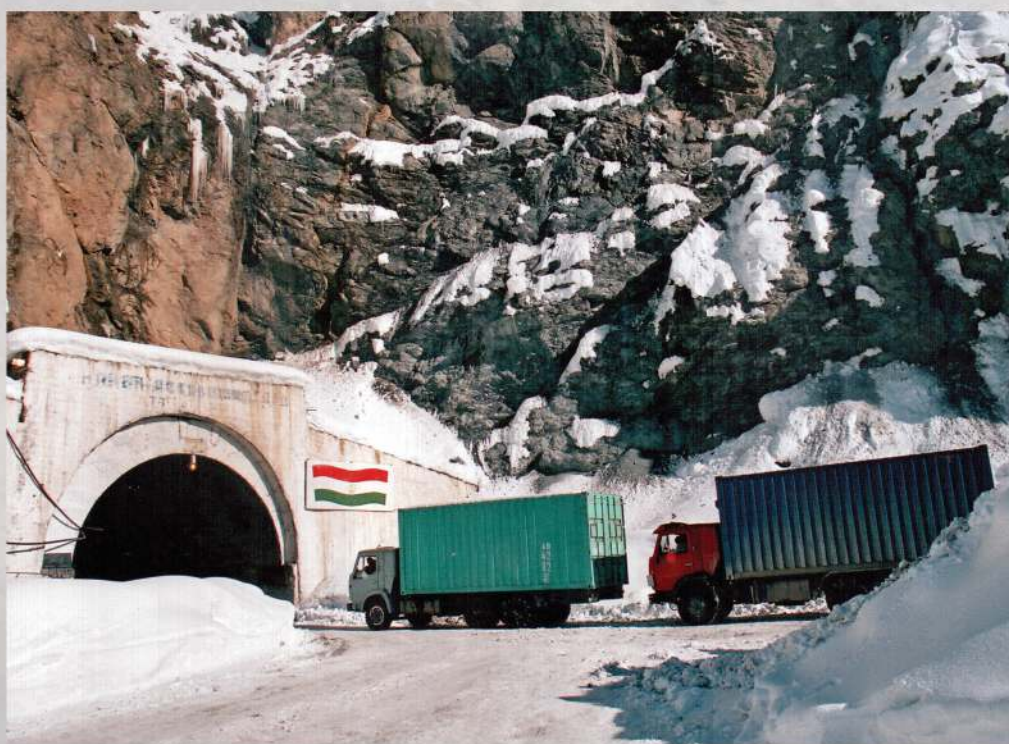








## Anzob Road Tunnel in Tajikistan



### General Features

<b>Client</b>	Ministry of Transportation of Republic of Tajikistan
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Tajikistan
<b>Completion date</b>	2009

### Project Specifications

<b>Transportation tunnel length</b>	5 km
<b>Transportation tunnel dimensions</b>	8.05 m H*10.23 m W
<b>Ventilation tunnel length</b>	5 km
<b>Ventilation tunnel dimensions</b>	5.5 m H*5.94 m W
<b>Connection tunnels length</b>	694 m totally
<b>Connection tunnel dimensions</b>	5.5 m H*5.94 m W

### Volume of Works

<b>Tunnel excavation</b>	368,800 m <sup>3</sup>
<b>Concrete</b>	134,500 m <sup>3</sup>
<b>Reinforcement</b>	5,000 tons
<b>Consolidation grouting</b>	105,000 m <sup>3</sup>
<b>Drilling and grouting</b>	45 km





# Hydroelectric Power Plants



**Constructed**

Karun III Hydroelectric Power Plant

**Under Construction**

Gotvand Hydroelectric Power Plant





# Gotvand Hydroelectric Power Plant

Under Construction







## General Features

<b>Client</b>	Iran Water & Power Resources Development Co.
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khuzestan province, south-west of Iran
<b>Completion date</b>	2013

## Project Specifications

<b>Installed capacity of power plant</b>	1000 MW
<b>Power plant area</b>	4,800 m <sup>2</sup>
<b>Power plant dimensions</b>	94 m L*51 m W*64 m H

## Volume of Works

<b>Excavation</b>	225,000 m <sup>3</sup>
<b>Concrete</b>	167,000 m <sup>3</sup>
<b>Area of formwork</b>	80,000 m <sup>2</sup>
<b>Reinforcement</b>	14,000 tons
<b>Heavy steel works</b>	12,000 tons





# Karun III Hydroelectric Power Plant

## General Features

<b>Client</b>	Iran Water & Power Resources Development Co.
<b>Consultant</b>	Mahab Ghodss Consulting Engineers Co. & Acres International Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Khuzestan province, south-west of Iran
<b>Completion date</b>	2004



## Project Specifications

<b>Type of plant</b>	Underground
<b>Installed capacity of power plant</b>	2,000 MW
<b>Power plant components</b>	Power house cavern: 251 m L*48 m H*25.5 m W Transformer cavern: 234 m L*29 m H*21 m W Inlet valve gallery: 244 m L*20 m H*9.7 m W Gate gallery: 217 m L*20 m H*12 m W
<b>Turbines type and number</b>	8 No. of 250 MW francis turbines with vertical axis

## Volume of Works

<b>Underground excavation (caverns)</b>	402,000 m <sup>3</sup>
<b>Concrete (caverns)</b>	116,000 m <sup>3</sup>
<b>Rock support length (caverns)</b>	139,000 m
<b>Shotcrete (caverns)</b>	7,700 m <sup>3</sup>





# Oil, Gas & Petrochemical



## **Constructed**

Isfahan Shahid-Montazery Power Plant Concrete Fuel Tank  
Struction of "Mehr-Petrokimia" Petrochemical Factory

## **Under Construction**

Gurreh Crude Oil Concrete Tanks





## Struction of “Mehr-Petrokimia” Petrochemical Factory



### General Features

**Client**

“Mehr-Petrokimia” Petrochemical Company

**Contractor**

SABIR Dam & Water Works Construction Co.

**Location**

Asalooye

### Project Specifications

**Total area of the site**

28 hectares

**Total area of Sabir Co.'s share**

18 hectares

**Number of valleys in the site**

4

**Number of height levellings**

3





### Volume of Works

Excavation	1,244,664	m <sup>3</sup>
Embankment	76,706	m <sup>3</sup>
Rockfill	74,506	m <sup>3</sup>





# Gurreh Crude Oil Concrete Tanks

Under Construction





## General Features

<b>Client</b>	Petroleum Engineering and Development Company
<b>Consultant</b>	Scetiran Consulting Engineers Co.
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Bushehr province, south-west of Iran

## Project Specifications

<b>Tank dimensions</b>	90 m L*90 m W*11.35 m H (4 No.) 190 m L*85 m W*11.60 m H (2 No.)
<b>Tank capacities</b>	4 No. of 500,000 barrel 2 No. of 1 million barrel

## Volume of Works

<b>Excavation</b>	1,041,600 m <sup>3</sup>
<b>Embankment</b>	297,000 m <sup>3</sup>
<b>Concrete</b>	135,200 m <sup>3</sup>





# Isfahan Shahid-Montazery Power Plant

## Concrete Fuel Tank

### General Features

<b>Client</b>	Iranian Electric Power Development Co.
<b>Contract type</b>	EPC
<b>Contractor</b>	SABIR Dam & Water Works Construction Co. & Scetiran Consulting Engineers Co.
<b>Location</b>	Isfahan province, center of Iran
<b>Completion date</b>	2013



### Project Specifications

<b>Tank dimensions</b>	101.5 m Dia*12 m H
<b>Tank capacity</b>	90,000 m <sup>3</sup>

### Volume of Works

<b>Excavation</b>	450,000 m <sup>3</sup>
<b>Earthfill</b>	111,000 m <sup>3</sup>
<b>Concrete</b>	17,500 m <sup>3</sup>







# Geotechnical Services, Grout Curtains & Cut-Off Walls





# Geotechnical Services, Grout Curtains & Cut-Off Walls

## A: Drilling Projects

- Drilling of boreholes for the purpose of curtain grouting, consolidation grouting, and contact grouting, approximately 2,000 km in 29 projects.
- Specialized drilling of pendulum boreholes with deviations less than 8 mm, approximately 1,925 m in 8 projects.
- Specialized drilling of deep water wells in different geological formations with the diameters up to 1 meter for 500 wells in 270 projects.
- Excavation and construction of cut-off walls by means of hydrofraise machine and plastic concreting, approximately 85,000 m<sup>2</sup> in 6 projects.

## B: Site Investigation

- Investigation borehole drilling and conducting test groutings with a length of 56.9 km in 16 projects.
- Conducting in-situ rock mechanics tests including plate loading, direct shear, large flat jack, dilatometer and borehole slotter, 300 tests in 3 projects.
- Excavation of testing and exploration galleries, approximate length 6.3 km in 11 projects.
- Geophysical surveying in hundreds of projects.







# Buildings & Structural Constructions



## **Constructed**

Building & Tower Construction

## **Under Construction**

Kurdistan Barez Tire Factory - Development phase  
Ministry of Labour and Social affair building





# Kurdistan Barez Tire Factory - Development phase

Under Construction



## General Features

<b>Client</b>	Kurdistan Barez Tire Company
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Kurdistan
<b>Completion date</b>	2015





## Project Specifications

Construction of main and public buildings  
of the factory

47,000 m<sup>2</sup>

## Volume of Works

Excavation

150,000 m<sup>3</sup>

Embankment

150,000 m<sup>3</sup>

Concrete

25,000 m<sup>3</sup>

Heavy steel works

3,500 Tons



## Kurdistan Barez Tire Factory - Development phase





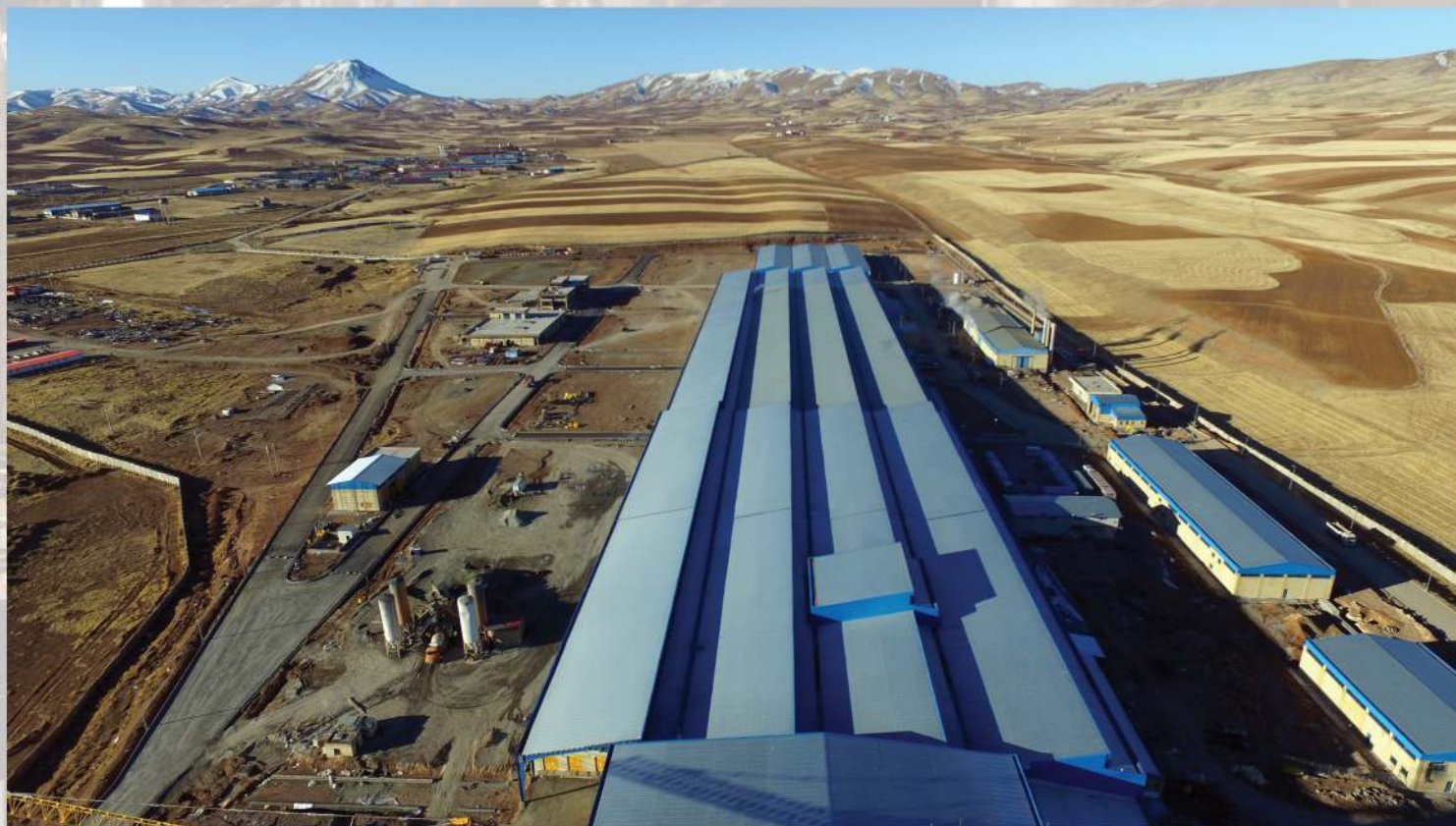




## Kurdistan Barez Tire Factory - Development phase





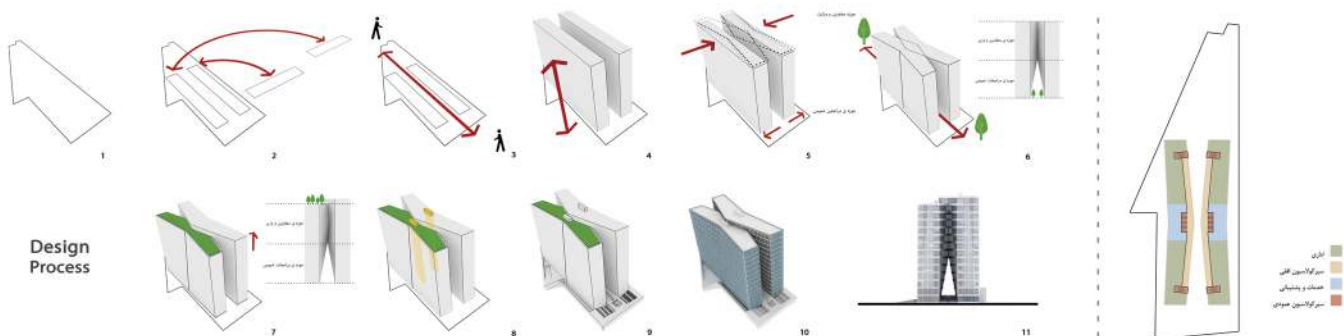






# Ministry of Labor and Social affair building

Under Construction



## General Features

**Client**

Ministry of Cooperatives, Labor and Social Welfare

**Contractor**

SABIR Dam & Water Works Construction Co.

**Location**

Tehran, Azadi Ave.

## Project Specifications

**Project total area**

6820 m<sup>2</sup>

**Number of floors and total infrastructural area**

12 storey on the ground floor and 5 storey underground in an area of 67800 m<sup>2</sup>





**Number of floors and over ground area  
(Administrative and accessories)**

- Directors and deputies area
- Affiliated offices area
- Welfare services and accessories area
- Lobby and social affairs area

**Number of floors and underground area  
(Parking, installations and services)**

12 storey over ground floor in an area of 40500 m<sup>2</sup>

2 storey – 5010 m<sup>2</sup>

2 storey – 19110 m<sup>2</sup>

1 storey – 5460 m<sup>2</sup>

1 ground floor storey – 5460 m<sup>2</sup>

5 storey - 27300 m<sup>2</sup>




## Building & Tower Construction







# Overseas Projects



## Constructed

Shaagoon-Zighar Road Projects( phase I & II) - Tajikistan  
Design and Execution of Velingoda Tunnel in India  
Studies for Jeeploou Tunnel & Geotechnical Operation of Jeeploou  
Some Parts of Raaghoon Dam and Power Plant - Tajikistan  
Design and Construction of Main Canals of the Left Side Fur Indira Sagar and Stabilizing Reservoir – India  
Inverted Pendulum Execution at Ermenek Dam – Turkey  
Renovation and Exploitation of the Underground Water - Uzbekistan  
Geotechnical Operation of Sang Toodeh II Dam and Power Plant - Tajikistan  
Nalagmdr Tunnel & Sir Narsimharaya Dam in India  
Renovation of Aparan and Khelavor Dams –Armenia  
Water Supply of Gharaghalpaghestan Area - Uzbekistan  
Aral – Cia water Supply Project – Uzbekistan



## Design and Execution of Velingoda Tunnel in India



## Studies for Jeplou Tunnel & Geotechnical Operation of Jeplou Hydro – Power Plant - Equatorial Guinea



## Some Parts of Raaghoon Dam and Power Plant - Tajikistan



### General Features

<b>Client</b>	Raaghoon Gis Sroy Company
<b>Consultant</b>	Moscow Hydro-project Company
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Tajikistan
<b>Completion date</b>	2010

### Volume of Works

<b>Excavation</b>	4,700,000 m <sup>3</sup>
<b>Concrete</b>	153,500 m <sup>3</sup>





## Design and Construction of Main Canals of the Left Side for Indira Sagar and Stabilizing Reservoir – India



## Inverted Pendulum Execution at Ermenek Dam – Turkey

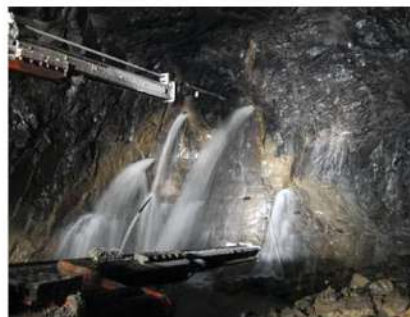


## Geotechnical Operation of Sang Toodeh II Dam and Power Plant - Tajikistan





## Renovation and Exploitation of the Underground Water - Uzbekistan



## Nalagmdr Tunnel & Sir Narsimharaya Dam in India



## Renovation of Aparan and Khelavor Dams –Armenia



## Water Supply of Gharaghalpaghestan Area - Uzbekistan



## Aral – Cia Water Supply Project – Uzbekistan





# Shaaghoon – Zighar Road Projects (Phase II & III) Tajikistan

## General Features

<b>Client</b>	Ministry of Road and Transportation of the public of Tajikistan
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Tajikistan
<b>Completion date</b>	2009

## Volume of Works

<b>Road length</b>	9.75 km
<b>Excavation</b>	816,000 m <sup>3</sup>
<b>Embankment</b>	857,000 m <sup>3</sup>
<b>Concrete</b>	30,000 m <sup>3</sup>
<b>Asphalt</b>	530 Tons



## General Features

<b>Client</b>	Ministry of Road and Transportation of the public of Tajikistan
<b>Contractor</b>	SABIR Dam & Water Works Construction Co.
<b>Location</b>	Tajikistan
<b>Completion date</b>	2009

## Volume of Works

<b>Road length</b>	34 km
<b>Excavation</b>	415,000 m <sup>3</sup>
<b>Embankment</b>	479,000 m <sup>3</sup>
<b>Concrete</b>	32,000 m <sup>3</sup>
<b>Asphalt</b>	31000 Tons







شماره ۰۵۴

شماره دفتر مترجم



جمهوری اسلامی ایران

قوة قضائیه - اداره مترجمین رسمی

شماره پروانه ۶۹۸

منصور نهاوندی

مترجم رسمی زبان انگلیسی قوه قضائیه جمهوری اسلامی ایران  
تهران - میدان انقلاب، اول خیابان اردیبهشت، ساختمان ۲۵۳ طبقه دوم  
تلفن: ۶۶۴۰۵۶۴۰، فکس: ۶۶۴۰۳۲۲۸

M. Nahavandi : Official Translator to the Judiciary, of I.R of Iran No. 253, 2<sup>nd</sup> floor, Enghelab Sq. Tehran. Licence No. 698  
Tel : 66405645, Fax : 66403228

The Emblem of Iran  
Planning & Strategic Supervision Deputy Office  
Of President

No.: 20/22/17050  
Date: Feb. 23, 2010

### Contracting Qualification Certificate

To: **Mr. BEHROOZ JABBARI**,  
Esteemed Managing Director of **SABIR Dam Construction & Irrigation Facilities Company**

On the strength of Ratification No. H23251T/48013 dated March 2, 2003 issued by the esteemed Cabinet, the qualification of the said company with respect to performance of contracting services is declared as follows:

- Grade 1, in the field of water.
- Grade 1, in the field of construction.
- Grade 1, in the field of transportation.
- Grade 1, in the field of land exploitations.
- Grade 2, in the field of facilities and equipment.
- Grade 3, in the field of industry and mine.
- Grade 5, in the field of electricity.



Furthermore in the event of jobs being assigned to you, compliance with the provisions of the Relevant Executive By-Law and Authorized Job Capacity, subject of Decree No. 130890 dated Feb. 6, 2005 shall be mandatory.

*Signed for Director-General of Executive Technical Council Dept.*

This certificate shall be valid for a maximum of 4 years from the date of issue up to evaluation period. On the strength of Article 5 under Chapter 3 of Instruction on Proceeding the Contractors' Violations, any relocation in head office shall be informed to the company not later than three months. Otherwise, this certificate shall not be effective otherwise.

True Translation certified.



2010/05/30, KA/7333.





# Certificate

Iranian Emblem  
Vice presidency  
**of Strategic Planning & Supervision of I.R. Iran**  
**Qualification Certificate for Contracting Works**

No.: 135750

Date: Sept. 20, 2015

To: Mr. Alireza Sajadi

Managing Director of SABIR, Dam & Water Works Construction Co.

Reg. No: 11169

By virtue of approval No. H23251T/48013 dated March 2, 2003 issued by the Cabinet, and with regard to qualifications and confirmation of competency of that company by Executive Technical Authorities Competency Confirmation Center, the competency of that company for contracting works as of date of issue until the end of the assessment period and at most until Sept. 13, 2019 is confirmed.

National Id. No.:10100443946

Please refer to <http://sajar.mporg.ir> for observing details of certificate.

It is obligatory for the company to respect law of tendering, subject of notification No. 130890 dated Feb. 5, 2015 of President of the Islamic Consultative Council, related executive by laws and authorized work capacity at the time of work award.

Signed and Sealed:

Director of Technical and Executive Affairs

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True translation certified. Dated : October 3, 2015

25008/Om

Grade 1, Water Works.  
Grade 1, Road Construction and its Relevant Buildings.  
Grade 1, Building Construction.  
Grade 1, Oil and Gas.  
Grade 5, Electricity Power.  
Grade 2, Earth Explorations.  
Grade 2, Installations and Equipments.  
Grade 5, Industry and Mining.





Certificate CH12/1765

The management system of

## Sabir Dam and Waterworks Construction Company

5th tower, Vanak Park Towers, Hemmat Highway, Tehran, Iran

has been assessed and certified as meeting the requirements of

### ISO 9001:2015

For the following activities

- Engineering, Procurement & Construction  
of Infrastructural Projects Including:
- Dams & Tunneling
  - Water Treatment Plant & Drainage Network
  - Transportation Systems (Road & Urban Railway)
  - Geotechnical Works
  - Oil & Water Concrete Tanks & Pipelines
  - Hydropower Plant & Industrial Buildings

This certificate is valid from 13 October 2021 until 12 October 2024  
and remains valid subject to satisfactory surveillance audits  
Recertification audit due before 4 September 2024  
Issue 4. Certified since February 2000

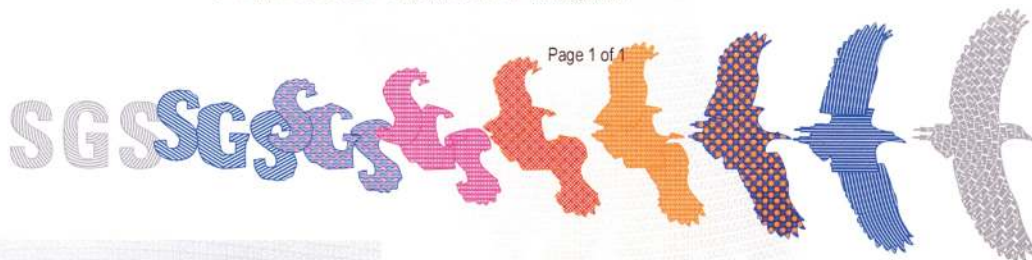
Authorised by

# SGS



SGS Société Générale de Surveillance SA  
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# گواهینامه صلاحیت ایمنی پیمانکاران

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جمهوری اسلامی ایران  
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ویژه اشخاص حقوقی و حقیقی

شماره ثبت: ۴۲۱۴  
تاریخ صدور: ۰۰۲/۶۰/۱  
۱۴۰۰ ۰۳ ۰۳

در اجرای تبصره ماده ۲ آیین نامه ایمنی امور پیمانکاری، مصوب ۱۳۸۸/۱۲/۰۳ شورای عالی حفاظت فنی، صلاحیت ایمنی

شرکت ساختمان سد و تاسیسات آبیاری - سایر

به:

۳۹۳۲۶۰۳۵۱۶

با کد ملی:

جناب آقای سید علیرضا سجادی

به مدیریت:

۱۴۱۵۸۱۴۶۸۷

کد پستی:

تهران - شهید همت - شیخ بهایی جنوبی - کوچه شهید آقاعلیخانی - برج الوند - پلاک ۵۷

به نشانی:

۰۹۱۹۴۳۵۲۴۹۲

تلفن همراه:

۰۲۱۸۸۰۴۸۲۳۵

تلفن ثابت:

۱۰۱۰۰۴۴۳۹۴۶

شناسه ملی:

۱۳۴۵/۰۴/۲۱

تاریخ ثبت:

۱۱۱۶۹

و با شماره ثبت:

مطابق با موضوع گواهینامه صلاحیت پیمانکاری

با موضوع فعالیت در زمینه زیر:

در کمیته تشخیص صلاحیت ایمنی استان مورد تأیید قرار گرفت. این گواهینامه با رعایت شرایط ابطال و تعلیق در آیین نامه (مفاد مندرج در ظهر گواهینامه) به مدت ۲ سال از تاریخ صدور اعتبار دارد و این گواهینامه قابل واگذاری نمی باشد.

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مدیر کل تعاون، کار و رفاه اجتماعی استان تهران  
استان تهران



## CERTIFICATE

This is to Certify that the  
Environmental Management System  
of

**SABIR DAM AND WATERWORKS CONSTRUCTION COMPANY**

Alvand Tower, Vanak Park Complex, Shahid Hemmat  
Highway, Tehran, Iran

has been independently assessed and is compliant  
with the requirements of

**ISO 14001:2015**

This Certificate is applicable to the following product or service ranges:

Engineering, Procurement and Construction of infrastructure projects including:  
Dam & Tunnelling, Water treatment Plant & Drainage Network, Transportation  
System (Road & Urban Railway), Geotechnical Works, Oil & Gas & Water  
Concrete Tanks & Pipelines, Hydropower Plant & Industrial Buildings

:: Certificate No :: IR80092B

Date of initial registration 05 May 2017  
Date of this Certificate 05 May 2017  
Surveillance audit on or before 01 May 2018  
Recertification Due/Certificate expiry 04 May 2020

This Certificate is property of LMS Certifications and remains valid  
subject to satisfactory surveillance audits.

Director



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For services and conditions please refer to the current certificate scope of management system







The 11th Iran International  
Water & Wastewater  
Exhibition 26 - 29 September, 2015









**Dam & Water Works Construction Co.**









**Address:** Alvand Tower, Vanak Park Tower, Hemmat Expressway, Tehran- Iran  
**P.O.Box:** 14155-5619 / **Tel:** +98 21 8804 8235 / **Fax:** +98 8803 8234