



# PROJECTS

iberproex | Engineering & Project Management



# PRESENTATION

Iberproex Engineering & Management is an engineering company that was founded with a clear objective: to design and manage high-quality projects in all areas of construction.

This space for engineering combines the accumulated experience of each of its components and their continuous training over time. Iberproex consists of Architects, Civil and Industrial Engineers, and has extensive experience working with public & private

firms. The integration of these disciplines allows Iberproex to offer quality service at all stages and areas of building (residential, industrial, administrative, commercial), urban planning and civil engineering.

The basic premise of all members of Iberproex is to undertake projects with a high degree of commitment and responsibility, in order to achieve excellence in all of them, imposing this stamp and getting the full satisfaction of its customers.



# AREA DIRECTORS

## Francisco Serrano Mira / Facilities Engineer



Francisco Serrano's career was oriented from the beginning to the drafting of projects and to project management covering all types of installations: electrical, fire protection, plumbing, HVAC, etc.. Dedicated to performing calculations of electric power facilities during his first year, he began his career working in a Belgian power transformation company.

On his return to Spain he continued his progression in the discipline of design, working for a major engineering firm in Alicante. This was the moment where he decided to energize and expand his career experience in the engineering department of a local construction company, which undertakes several significant projects, including the rehabilitation of La Casa del Mar and an eleven-storey parking garage building. After the experience in the construction company, he was hired by a nation wide engineering firm to deliver its services as facilities project manager of in the reforming and expansion of Ibiza Airport.

Taking advantage of the relevance, importance and symbolic nature of this type of work, where the differentiating factor is the variety and scale of each of its facilities, he continued his career increasing his broad knowledge across disciplines. He then started his experience in managing teams.

After this stage, as these capacities evolved, he was hired as Department Director of Industrial Engineering in Valencia with major engineering projects abroad, as head of a team of engineers. This company provides services in the development of unique projects as important as a parliament, an auditorium or a 130m tall restaurant-lookout tower. Virtually all of these projects are developed for customers in the international arena, including project managers in these countries. Thus he acquired extensive experience in project management and projects abroad. These experiences, the need for evolution and belief in constant learning serve as a premise to establish what today has become to IBERPROEX.

## Enrique Moreno Cárcel / Civil Engineer

As a vocation and from the beginning, Enrique Moreno has steered his career with a strong technical approach in the branch of the calculation of structures. Once specialized in this field, he started his work in an engineering company from Valencia that operates in the field of civil engineering, building and urban planning. Beginning as a member of a team of engineers, he developed structural design projects, both civil (bridges) and construction, covering all categories of materials: reinforced concrete, prestressed concrete, modular concrete pieces and steel structures. The continuous training and experience resulted in a natural evolution toward team management. Thus, he continued his activity as a project manager in the Department of Building Structures, developing this position for the last few years.

His clear interest in the theoretical content underlying on structural calculations keeps him up-to-date with the current state of the art in this field, thus achieving a great skill in handling the associated software. The internationalization process in

which the company is immersed raises the degree of uniqueness and complexity of the work he does, being abroad where he develops and builds the latest projects.

All this experience has been the springboard to starting his most enterprising stage as a cofounder of IBERPROEX.







## SPORTS PROJECT REFERENCES



# REFERENCES

Below we show a selection of the most important works in which IBERPROEX members have participated. Constituting the baggage of his career, it highlights his extensive experience in engineering projects. These reference works are divided into different categories, as shown in the following index.

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# NEW STADIUM IN FORTALEZA

CATEGORY: STADIUMS PROJECTS



## Description:

Construction of new Stadium Castelao, in Fortaleza (Brasil), 67.000 seats. Demolition and reconstruction of the bottom tier for the world Cup 2014.

## Performed Works:

### FACILITIES TECHNICAL ASSISTANCE

Technical assistance for the facilities of the stadium, with re-calculations, and development of execution drawigns for the installer, Cobra.

Facilities: HV and LV network, Generation set, lighting, CCTV and access control, IT installation.



### Propriety:

Fortaleza Governmenta

### Engineering:

COBRA Instalaciones y Servicios S.A.

### Location:

Fortaleza (Brasil)

### Year:

2011-2014

### Budget

17.000.000. euro (facilities)



# REFURBISHMENT OF ELX STADIUM

CATEGORY: STADIUMS PROJECTS



## Description:

Facilities refurbishment of Elx Stadium in Elche (Spain), for the adpatation to FIFA standards. Capacity for 38.750 spectators.

## Performed Works:

### FACILITIES TECHNICAL ASSISTANCE

Technical assistance for the facilities of the stadium, with re-calculations, and development of execution drawigns for the installer, Cobra.

Facilities: LV network, lighting, CCTV and access control, IT installation.



### Propriety:

Elche Club de Fútbol SAD

### Engineering:

COBRA Instalaciones y Servicios S.A.

### Location:

Elche (Spain)

### Year:

2012

### Budget

2.000.000. euro (facilities)

# NEW STADIUM IN PORTO ALEGRE

CATEGORY: STADIUMS PROJECTS



## Description:

Construction of new Stadium of Gremio, in Porto Alegre (Brasil), for the world Cup 2014. Capacity for 60.540 spectators.

## Performed Works:

### FACILITIES TECHNICAL ASSISTANCE

Technical assistance for the facilities of the stadium, with re-calculations, and development of execution drawings for the installer, Cobra.

Facilities: HV and LV network, Generation set, lighting, CCTV and access control, IT installation.



### Propriety:

Porto Alegre Governmenta

### Engineering:

COBRA Instalaciones y Servicios S.A.

### Location:

Porto Alegre (Brasil)

### Year:

2011-2014

### Budget

21.000.000. euro (facilities)





# REFURBISHMENT OF STADIUMS

## CATEGORY: STADIUMS PROJECTS



### Description:

Facilities refurbishment of various Stadiums: Vilareal, Osasuna, Coruña (Spain), for the adaptation to FIFA standards.

### Performed Works:

#### FACILITIES TECHNICAL ASSISTANCE

Technical assistance for the facilities of the stadium, with re-calculations, and development of execution drawigns for the installer, Cobra.

Facilities: CCTV and access control, IT installation.



#### Propriety:

Liga de Fútbol Profesional

#### Engineering:

COBRA Instalaciones y Servicios S.A.

#### Location:

Vilareal, Coruña, Pamplona (Spain)

#### Year:

2008

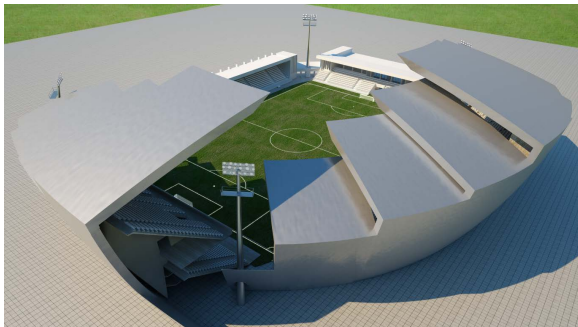
#### Budget

540.000. euro (facilities)



# NEW STADIUM IN KOPER (SLOVENIA)

CATEGORY: STADIUM TENDERS



## Description:

Tender for a new football stadium in Koper (Slovenia).  
Proposal for a new arena. Capacity 16.000 spectators.

## Performed Works:

DESIGN PROPOSAL FOR A NEW STADIUM IN KOPER  
Iberproex, together with another engineering company,  
bid for the tender of a new arena in Koper (Slovenia).

Facilities: Football Stadium and commercial areas.



### Propriety:

Koper City Hall tender

### Engineering:

Iberproex

### Location:

Koper (Slovenia)

### Year:

2011

### Budget

15.000.000. euro (tender proposal)



# NEW STADIUM IN BAKU (AZERBAIJAN)

CATEGORY: STADIUM TENDERS



## Description:

Tender for a new football stadium in Baku (Azerbaijan).  
Proposal for a new arena. Capacity 25.000 spectators.

## Performed Works:

DESIGN PROPOSAL FOR A NEW STADIUM IN BAKU  
Iberproex bid for the tender of a new arena and sports complex in Baku (Azerbaijan), with a very creative proposal, including surroundings.

Facilities: Football Stadium, external sports complex, commercial areas.



### Propriety:

Baku City Hall tender

### Engineering:

Iberproex

### Location:

Baku (Azerbaijan)

### Year:

2012

### Budget

45.000.000. euro (tender proposal)

# TBILISI SPORTS COMPLEX

CATEGORY: STADIUM TENDERS



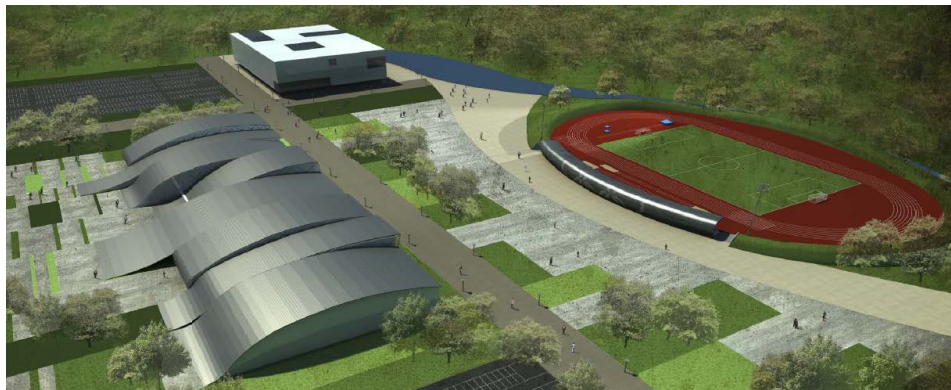
## Description:

Tbilisi tender for the European Olympic Youth Festival.  
Proposal for a new aquatic center, multisports palace and athletics arena.

## Performed Works:

DESIGN PROPOSAL FOR THE NEW SPORTS FACILITIES IN TBILISI  
Iberproex bid for the tender of a new sports complex in Tbilisi (Georgia).

Facilities: Aquatic center with olympic swimming pool, multi disciplinar sports palace for hosting indoor competitions, and athletics stadium.



### Propriety:

Tbilisi City Hall tender

### Engineering:

Iberproex

### Location:

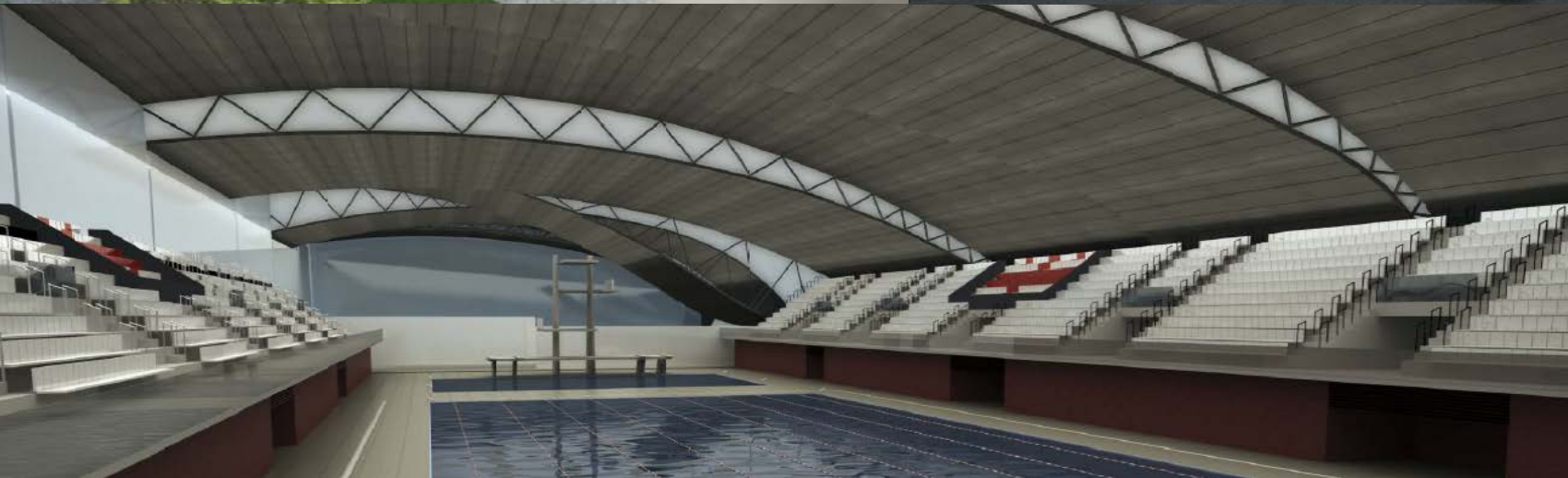
Tbilisi (Georgia)

### Year:

2013

### Budget

16.000.000. euro (tender proposal)



# SPORTS CENTER OF MALILLA IN VALENCIA

CATEGORY: SPORTS CENTERS

## Description

Full Sport Center of 5,800 m2. Football field, 2 swimming pools, paddle courts, gym, lockers, offices. Foundation on isolated footings.

## Performed Works

FULL DESIGN / Construction Project management and Construction management (Execution).

**Propriety** Ayuntamiento de Valencia

**Engineering** Gotham - Iberproex

**Location** Valencia, España

**Year** 2009-2010

**Budget** 9.000.000 €







gotham-arquitectos | Iberproex | architecture, engineering & project management



# SPORTS CENTER OF BENIMACLET IN VALENCIA

CATEGORY: SPORTS CENTERS

## Description

Construction management of a new sports center in Valencia. New volumes are constructed on the preexisting installation, three of them interconnected. The common areas are offices, multipurpose rooms and locker rooms. The main building includes a martial arts hall on the ground floor and a sports court suitable for football, handball and basketball in first floor. A second building contains a room for indoors classical fencing and another with 12 fencing tracks on the ground floor. On the cover there are two synthetic surface tennis courts. Approximate area of 6,000 m2.

## Performed Works

CIVIL ENGINEERING / Complet Construction Management.

FACILITIES ENGINEERING / Construction Management Facilities (medium voltage, low voltage and lighting, plumbing, water treatment and sanitation, fire protection, air conditioning and ventilation, building management system, DHW heating by solar panels with provision for gas boiler installations, residential complex and specific lighting sports fields).



### Propriety

Ayuntamiento de Valencia

### Engineering

Clasica Urbana

### Location

Valencia, España

### Year

2010-2012

### Budget

5.600.000 € (1.300.000 € facilities)

# NEW SWIMMING POOL PALACE IN VALENCIA

CATEGORY: SPORTS CENTERS



## Description

Sports palace in Benaguasil (Valencia), with olympic swimming pool, jacuzzi facilities, gym area, offices, lockers, etc.

Full design of the sport complex, including civil works and facilities. Project management of the execution works.

### Propriety:

City Hall of Benaguasil (Valencia)

### Engineering:

Bertolín contracting company

### Location:

Benaguasil (Valencia) España

### Year:

2011

### Performed Works:

Full design & project management.

# SPORT COMPLEX IN MADRID

CATEGORY: SPORTS CENTER

## Description:

Sport complex in Móstoles (Madrid), with 5.000m<sup>2</sup> of indoor sports facilities (jacuzzi, olympic swimming pools, gym, lockers, offices), and 4.000m<sup>2</sup> of outdoor sports (football fields, tennis and paddles courts). Precast concrete structure.

## Performed Works:

### CONSTRUCTION MANAGEMENT

Technical assistance for the construction of the sport complex

Project Manager civil works & Facilities.

Licensing (paperwork and permissions from the Authorities).

### Propriety:

Cobra Sport Club

### Engineering:

COBRA Instalaciones y servicios S.A.

### Location:

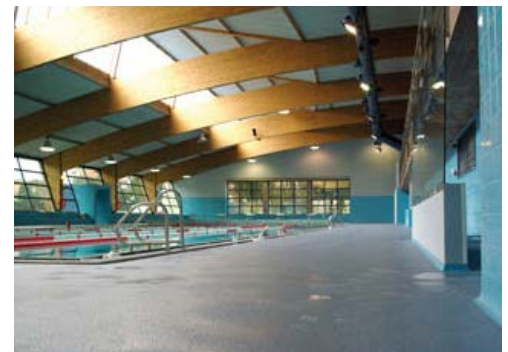
Móstoles (Madrid) , Spain

### Year:

2007-2008

### Budget

5.500.000



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