

ALKIMYA
SPAIN
CONSULTANTS



COMPANY
PROFILE

INTRODUCTION

Alkimya Spain Consultants is a Spanish multidisciplinary group that **provides a complete range of consultancy services for the building, architecture and urban sectors**. It takes its name from an Arabic word that, in modern Spanish, has kept its metaphorical meaning of obtaining a unique result from the combination of different elements. This is precisely **our value: the union of our different skills and creativity gives a far better response to client's needs** than if they tackle their project part by part.

MEMBERS

Alkimyas members are six so the range of services offered covers all clients needs, and they are all based in Madrid They have developed a long and well known career working together in several common projects in Spain and beyond for the last years:

> **Architecture**

Galán Lubascher Arquitectos / Baumar Arquitectos

> **Electro Mechanical Engineering**

ACH/Euring

> **Civil Works and Strctural Engineering**

Ines Ingenieros

> **Façade Engineering**

Enar Envolvertes Arquitectónicas

Besides, for certain projects, Alkimya incorporates the know how and skills of some leading associated firms from Spain:

> **Graphic Design and Branding:**

TAU Diseño

> **Lighting Consultancy**

Ignacio Valero

> **Landscaping**

ATpaisaje

MEMBERS

Alkimya Spain consultants adds up to more than 53 university trained professionals, including several PhDs and University teachers in the areas of Architecture and Civil Engineering. Their main projects implemented during the last years include:

> **Several residential and other use building projects**, from social housing to offices and luxury mixed use compounds featuring all kind of facilities, with budgets from 20 up to 180 million of SAR

> **Geotechnical Design** for offices in KAEC and workshops in Makkah and Medina along the Haramain High Speed Railway Line, subcontracted by the Spanish HHSR Consortium

> **Technical assistance, inspection and detail engineering** for highways and bridges in Spain, USA and Chile, contracted both by public bodies (Ministries, Municipalities) and private companies

> **Very specific technical projects**, such as:

-EMP design for the 300.000sqm enlargement of Madrid Airport in Spain and for the Islamic University in Riyadh, as well as for hospitals, hotels, museums... in several countries

-Structural engineering for complex architectural designs (offices, museums, stations) in Spain and Romania

-Façade consultancy in several corporate projects in Spain and the UAE

-Exterior and interior lighting projects for private and public companies in Spain

-Erbil Citadel research and restoration project for UNESCO in Iraq

HISTORICAL BACKGROUND

GALAN / LUBASCHER + BAUMAR ARQUITECTOS

was created by the merger of two firms with more than 30 years extensive experience in architecture, interior design and urban planning projects.

INES INGENIEROS CONSULTORES

provides highly skilled professional services in the civil engineering field. It was founded in 2004 and its partners, with 20 years of experience, form a highly qualified multidisciplinary team that includes PhDs, university teachers and researchers.

ACH S.L.P. and EURING INGENIEROS S.L.

are highly specialized in electromechanical projects, with over 10 years experience in Spain, KSA and beyond.

ENAR

is a high-tech façade consultancy founded in 1999 to provide design of non-traditional façades and ensure quality control in the execution.

IGNACIO VALERO

is a 25 years of experience expert in natural and artificial light in architecture who also teaches lighting projects and electric systems in the Architecture School in Madrid, Politechnic University.

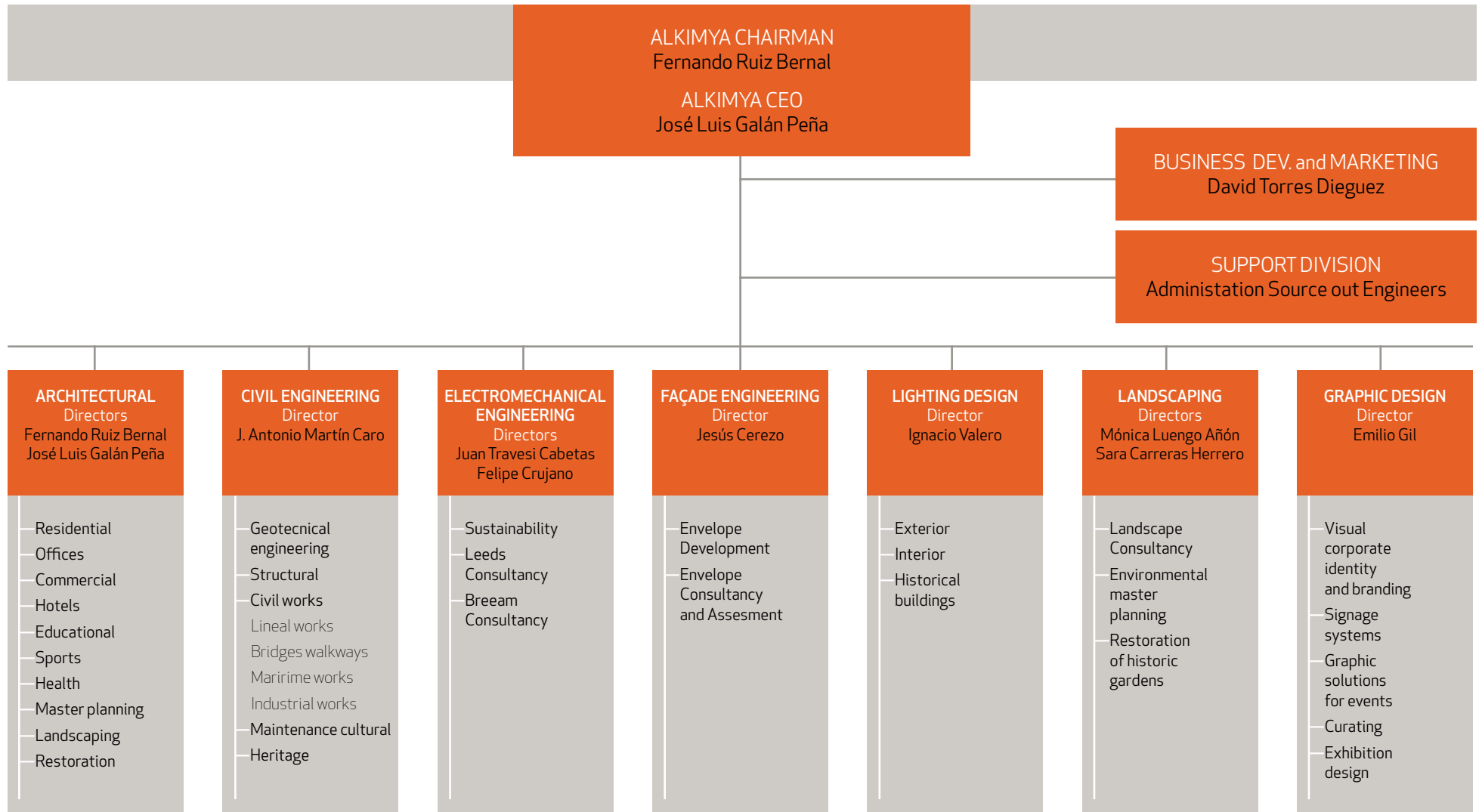
TAU DESIGN

was founded in 1980 and is recognized nationally and internationally as one of the most important companies in conducting global design projects in the fields of visual identity, signage systems, organization of events and exhibitions and editorial graphic design.

ATpaisaje

has more than 20 years of experience in high quality and special landscape design projects. Its works range from small private gardens to city parks, as well as master plans, environmental treatment and restoration of historic gardens.

ORGANIZATIONAL CHART



DEPARTMENTS DESCRIPTION

- ARCHITECTURAL DEPARTMENT
- CIVIL ENGINEERING DEPARTMENT
- ELECTROMECHANICAL ENGINEERING DEPARTMENT
- FAÇADE ENGINEERING DEPARTMENT
- LANDSCAPE DEPARTMENT
- LIGHTING DESIGN DEPARTMENT
- GRAPHIC DESIGN DEPARTMENT

ARCHITECTURAL DEPARTMENT

We have developed Architectural projects during the last 30 years, providing extensive experience in architectural, interior design and urban planning projects.

Our main aim is to provide the client with a comprehensive architecture, project management and interior design service, taking charge of every stage of the project, as well as technical and administrative management. This offers added value in terms of the guaranteed quality of the final product.

To this end, we focus our knowledge and efforts on your complete satisfaction and the utmost quality, with ongoing personalized service and professionalism.

ARCHITECTURAL DEPARTMENT

TEAM MANAGERS

— ARCH. JOSÉ LUIS GALÁN PEÑA
PRINCIPAL DIRECTOR

— ARCH. FERNANDO RUIZ BERNAL
PRINCIPAL DIRECTOR

— ARCH. FERNANDO DE LA PEÑA MARTÍNEZ
MANAGING DIRECTOR

— ARCH. NORBERTO SEVILLA
TECHNICAL MANAGER

— ARCH. LUCAS GALÁN LUBASCHER
PRINCIPAL ARCHITECT

— ARCH. JAIME ALONSO
PRINCIPAL ARCHITECT

— ARCH. LUIS GARCIA VINUESA
PRINCIPAL ARCHITECT

ARCHITECTURAL DEPARTMENT

SERVICES

ARCHITECTURE

- > Development of construction projects and project management
- > Residential: private and public housing developments, single family dwellings
- > Commercial
- > Industrial
- > Sports and Leisure
- > Offices
- > Hotels
- > Public Buildings, Educational, Healthcare
- > Restoration and Refurbishment. Cultural Heritage Rehabilitation.
- > Urban Furniture

URBAN PLANNING

- > Development and management of urban planning activities
- > Master plans and planning development
- > Urban design and urban infrastructure

INTERIOR DESIGN

- > Development of interior design projects
- > Residential and commercial spaces
- > Offices, restaurants and Hotels

ENERGY EFFICIENCY STUDIES AND LEED CERTIFICATION PROCESS

- > Design of energy efficiency projects
- > Energy efficiency analysis
- > Records management, consulting on obtaining the LEED certification, rating system for commercial interiors (U.S. Green Building Council)

SUSTAINABLE ARCHITECTURE

- > Development of sustainable projects
- > Energy consultant

CIVIL ENGINEERING DEPARTMENT

We provide **structural, materials analysis and geotechnical** highly skilled professional services, having achieved great respect in the Civil Engineering field. We want to be a market leader for our expertise and excellence in engineering and multidisciplinary consultancy. We have enjoyed exemplary career and stand out in the Spanish market being a growing force in the International arena. **The areas of activity** include sectors as:

- > Roads
- > Railways
- > Building
- > Industrial Works
- > Metropolitan Systems
- > Harbor and Coasts
- > Underground structures
- > Hydraulic Works and water Management
- > Historic Heritage

We are an active partner of the professional community of Consultants, Engineers and Architects, as well as Member of Colleges and National and International Associations, maintaining close links with the University and research centers and participating actively in Spanish and European reference research organizations such as the **International Union of Railways (UIC), Association Mondiale de la Route (PIARC) ó Asociación Científico Técnica del Hormigón (ACHE, Technical-Scientific Concrete Association).**

CIVIL ENGINEERING DEPARTMENT

TEAM MANAGERS

—JOSE ANTONIO MARTIN-CARO ALAMO
DIRECTOR. CIVIL ENGINEER

—JOSÉ LUIS MARTÍNEZ MARTÍNEZ
PRINCIPAL DIRECTOR. CIVIL ENGINEER

—ILLAN PANIAGUA SERRANO
MANAGING DIRECTOR. ENGINEER

Technology and Systems

As a large department of Alkimya, our activities are carried out in offices of approximately 500 m2 with all the necessary work places, including office furniture, a corporate wireless computer network run by a server with an automatic backup system, a library, meeting room and auxiliary services.

Software: We use specialized software that has been developed internally (Delphi, Java Script) as well as commercial programs. In addition, it relies on office software and network management applications.

It is worth pointing out that we have developed our own software for the analysis of masonry structures and infrastructure management systems:

- > Software for masonry structures calculation
- > Bridge Management Systems
- > Structural Monitoring Systems

ELECTROMECHANICAL ENGINEERING DEPARTMENT

This department is highly specialized in the realization of engineering projects and construction management with over 10 years experience.

The **direction and coordination** are led by three professionals of recognized prestige in the complex world of engineering. They have a personal experience of more than 30 years in the sector.

TEAM MANAGERS

- ENG. JUAN TRAVESÍ CABETAS
EXPERT IN ENERGY TECHNOLOGIES AND MECHANICAL FACILITIES
- ENG. FELIPE CICUJANO CARRIÓN
EXPERT IN ELECTRICAL SYSTEMS AND LIGHTING
- ENG. ERNESTO DÍAZ CARBALLO
EXPERT IN ELECTRICAL SYSTEMS AND HOSPITABLE ENGINEERING

ELECTROMECHANICAL ENGINEERING DEPARTMENT

In May 1994, we proposed a modern way of working based on two fundamental elements:

- > Experience and expertise (theoretical and practical) in every building installation.
- > Skills with and knowledge of the most modern tools.

These tools help our experts during the design phase as well as with diagnostics, as we can simulate the behavior of every piece of equipment or light in the building. We are also experts in energy building simulation.

We would like to highlight that we have been working on several International Energy Agency tasks related to building simulation tools as experts.

OUR SERVICES FEATURE

- > Installation design. Electromechanical.
- > Technical analysis and energy optimization.
- > Due diligence.
- > Detailed calculations for special cases.
- > Retrofitting and refurbishment.
- > Energy optimization of existing buildings.
- > ISO 9001-2008 quality management system.
- > ISO 14001-2004 environmental management system.

As a result, we have already completed several important projects in locations around the world.

FAÇADE ENGINEERING DEPARTMENT

The Façade Engineering department constitutes a high-tech façade consultancy team that started business in 1999 to respond to the demand of architects and developers to provide the design of nontraditional façades and to promote quality in the execution of these.

We offer quality, innovation and objectivity, which are reflected in our professional development, adapted to meet the customer's needs at all times. We aim to offer all customers confidence in our knowledge and independence in the world of façades.

The **team** is mainly formed by architects with specialized technical training which allows an easy and close dialogue with the design team, always taking into account façades and roof technical requirements.

TEAM MANAGERS

—JESÚS M. CEREZO

HEAD DIRECTOR ARCHITECT

—MIGUEL A. NÚÑEZ DÍAZ

ASSOCIATE ARCHITECT. DIRECTOR OF TECHNICAL SECTION

—ÁNGEL MATEO MARCOS NÚÑEZ

ARCHITECT. PROJECT MANAGER

FAÇADE ENGINEERING DEPARTMENT

The services that we provide are:

- > Consulting and façade projects
- > Advice on material selection
- > Façade system selection
- > Glass type selection
- > Advice on maintenance and cleaning systems
- > Solution feasibility study
- > Regulatory compliance
- > Construction project quality control plan
- > Basis for carrying out wind tunnel test and results assessment
- > Comprehensive façade design
- > Preliminary design
- > Working plans
- > Specific façade systems development
- > Integration of different systems (energy systems)
- > Structural calculations
- > Cost control
- > Technical assistance bases for contracting
- > Technical comparison of offers
- > Technical assistance for site management
- > Technical assistance at the planning phase
- > Technical assistance for testing
- > Creation of mock-ups and test prototypes
- > Control of manufacturer documentation

LIGHTING DESIGN DEPARTMENT

The team is lead by Ignacio Valero, a very well known lighting consultant and senior teacher of lighting projects and electrical systems in the Architecture School at the Polytechnic University in Madrid.

Ignacio Valero is an expert in natural and artificial light in architecture, with an environmentally responsible insight. His work spans to a wide range of lighting requirements, concerning state-of-the-arts technology. Clients include architecture firms, private properties and contractors.

Lighting design is both technical and artistic, both engineering and design. It also involves many different fields and project sizes, from small event lighting to permanent large-scale urban lighting. It is linked to architecture, but also to facilities engineering and interior design. Furthermore, it is based on incredibly fast changing technology that faces the challenges of sustainability and human well-being. Therefore, methodology is a priority in order to match lighting design plans to the specific requirements of each design brief. Our seven-stage approach allows us to fully adapt our design skills to the demands of each individual project.

We provide a complete range of lighting design **services**.

Architectural Lighting Design

Complete projects for a wide range of facilities types: museums, offices, corporate buildings and sports facilities, among others.

Natural Light Consultancy

Our approach to natural light is comprehensive: from feasibility to light guiding, including solar shields, from architecture issues to energy issues, including the building envelope. We use the latest software for computer simulations, as well as scale models and full scale mock ups.

Custom Luminaire Design

Tailor-made representative lighting fixtures when required.

Energy Efficient Technical Consulting for Lighting

Technical, energy and financial assessment of lighting solutions.

Urban Lighting

Urban lighting master planning and singular outdoor lighting projects.

LIGHTING DESIGN DEPARTMENT

Our clients can commission us to complete the entire process or only the required stages:

1. Preliminary Design

We establish the global framework for the lighting design project, which includes detailed design objectives, regulation constraints, available budget, sustainability goals to achieve and the range of technology to be used.

2. Concept Design

Draft lighting solutions for each area with a preliminary description of the technical equipment and cost estimation study.

3. Schematic Design

Detailed lighting solutions with a precalculation background. Accurate budget study.

4. Design Development

Complete set of deliverables, including text reports, detailed drawings, calculations, specifications sheet, control layout, regulations compliance documents, etc.

5. LEED Consulting Documents

To produce LEED or other sustainability certification compliance documents.

6. Construction Drawings and Tender Documents

Detailed drawings and text reports as required to better support the local team before work begins.

7. On-site Supervision

Support for the local team at the Works stage.

GRAPHIC DESIGN DEPARTMENT

Alkimyas Graphic Design services are rendered by a team that has been working from 1980 and is recognized nationally and internationally as one of the most robust and efficient teams in conducting global design projects in the fields of visual identity, signage systems, organization of events and exhibitions and editorial graphic design.

This department has worked and works for practically all major Spanish companies and public institutions, many of them with great international impact. Of particular significance was the overall image of International Monetary Fund Assembly and the World Bank Group in Madrid or the main graphic guideline of the Spanish Presidency of the European Union in 2010, and in the approach of the Spanish candidature for the 2016 Olympic Games in Madrid.

The team has achieved a leading status in the development of complex design projects with great satisfaction of the clients and has received confidence by both governmental and private agencies; customers have been recognized with international awards in the U.S., Great Britain and Spain.

With these important achievements, obtained thanks to the quality policy that supports us, we are convinced that we can develop the most valuable and complex projects for our clients, from the early stages of study, design, monitoring of projects to completion.

GRAPHIC DESIGN DEPARTMENT

TEAM MANAGERS

—EMILIO GIL

CREATIVE DIRECTOR

—JOSÉ HERENCIA

PRODUCTION MANAGER

—ENRIQUE HELGUERA

MANAGING DIRECTOR

—ESTHER MARCOS

PROJECT MANAGER

—JORGE GARCÍA

SENIOR DESIGNER

SERVICES

- > Creation of Visual Identity for companies and institutions. Books of Graphic Guidelines
- > Development of Signage systems, indoor and outdoors
- > Editorial Design
- > Corporate Annual Reports
- > Graphic solutions for events, conventions, professional meetings
- > Packaging
- > Graphics for websites
- > Curating, Exhibition Design and applied Graphic Design.

LANDSCAPING DEPARTMENT

This team was born with an international vocation in 1990 and is devoted to the planning, design and management of landscaping and environmental treatment projects, along with the study and research of all kind of cultural landscapes.

Our scope comprises a wide range: from actions in the historical heritage to projects for small size private gardens, public spaces, metropolitan parks, master planning, management plans, historical research, assesment, publishing... both for public and institutional/private use.

Our clients are typically public and private developers, cultural management companies and asset management firms.

TEAM MANAGERS

—MONICA LUENGO AÑÓN

DIRECTOR ART HISTORIAN AND LANDSCAPE ARCHITECT

—SARA CARRERAS HERRERO

LANDSCAPE ARCHITECT

SERVICES

We have developed our landscaping activity and portfolio in the fields of rehabilitation, residential, offcies, public buildings, industrial and master planning. Our work is endorsed by more than 100 clients, by both the projected and executed works and by several and important interventions in the Spanish historical-artistical heritage.

STAFF DETAILS AND FIGURES

List of Managerial Staff: MANAGERIAL CAPACITY AND KEY PERSONNEL (with experience years)

* See Annex 2 on Key Staff CV

SL.	DESIGNATION	NAME OF THE PERSONNEL	TOTAL EXPERIENCE
1.	CHAIRMAN AND ARCHITECTURE DIRECTOR	ARCH. FERNANDO RUIZ BERNAL	26 Years
2.	CEO AND ARCHITECTURE DIRECTOR	ARCH. JOSÉ LUIS GALÁN PEÑA	37 Years
3.	STRUCTURAL AND CIVIL ENGINEERING DIRECTOR	PHD. ENGR. JOSÉ ANTONIO MARTÍN CARO	22 Years
4.	ELECTROMECHANICAL ENGINEERING DIRECTOR	ENGR. JUAN TRAVESÍ CABETAS	19 Years
5.	ELECTROMECHANICAL ENGINEERING DIRECTOR	ENGR. FELIPE CIRUJANO	32 Years
6.	FAÇADE ENGINEERING DIRECTOR	ENGR. JESÚS CEREZO	26 Years
7.	LIGHTING DIRECTOR	ARCH. IGNACIO VALERO	27 Years
8.	GRAPHIC DESIGN DIRECTOR	EMILIO GIL	30 Years
9.	LANDSCAPING DIRECTOR	MONICA LUENGO AÑON	29 Years
10.	BUSINESS DEVELOPMENT MANAGER	ARCH. DAVID TORRES DIÉGUEZ	09 Years

STAFF DETAILS AND FIGURES

Total Figures

	KSA	MADRID (SPAIN)
TOTAL CURRENT MANPOWER		54
PEAK MANPOWER IN THE PAST FIVE YEARS		84
LOWEST MANPOWER IN THE PAST FIVE YEARS		44
CURRENT MANPOWER (NOS.) BASED IN KSA	1*	N/A

Staff Breakdown

	KSA	MADRID (SPAIN)
MANAGEMENT	1*	9
ADMIN AND SUPPORT		4
ENGINEERS-DESIGN		22
TECHNICAL SUPPORT-DESIGN		14
ENGINEERS-SUPERVISION		5

* Business Dev. Manager, travels to KSA extensively

STAFF DETAILS AND FIGURES

Detailed Breakdown

	YEARS OF EXPERIENCE				No
	LESS THAN 5	5 TO 10	10 TO 15	MORE THAN 15	
TEAM LEADER/PROJECT MANAGER	0	2	1	8	11
ARCHITECTS	1	2	8	4	15
ELECTRICAL ENGINEERS	1	1	1	1	4
MECHANICAL ENGINEERS	0	1	0	1	2
LANDSCAPE DESIGNERS	0	0	0	2	2
CIVIL ENGINEERS	0	1	0	2	3
INFRASTRUCTURE ENGINEERS	0	1	0	0	1
SAFETY & PROTECTION WORKS ENGINEERS.	0	0	1	0	1
ENVIRONMENTAL & HYDROLOGICAL WORKS ENGRS	0	1	0	0	1
ROADS ENGINEERS	0	2	0	0	2
QUANTITY SURVEYOR	0	0	2	0	2
COMPUTER NETWORKS ENGRS.	0	1	0	0	1
OTHER (ADMINISTRATIVE AND DRAFTSMEN)	4	2	2	1	9
GRAND TOTAL	6	14	15	19	54

Nationality Breakdown

	ARAB	AMERICAN	EUROPEAN
MANAGEMENT	0	0	9
ENGINEERS	0	0	27
TECHNICIANS	0	1	13
WORKERS	1	0	3

CLIENTS

PRIVATE SECTOR

List of Managerial Staff: MANAGERIAL CAPACITY AND KEY PERSONNEL (with experience years)

* See Annex 2 on Key Staff CV.

• Private Developers

- > NOZAR Real Estate Co.
- > GRUPO LAR Real Estate Co.
- > DIMORA Real Estate Co.
- > LOS PRUNOS SDAD. COOP.
- > LOS CEDROS SDAD COOP.
- > INVERSIONES HORTALEZA Real Estate Co.
- > PROYECTO PROPIO
- > PROMOCIONES BARRIO 2005
- > SPEOS INMOBILIARIA
- > PROMOCIONES NUEVO BARRIO
- > DELANOVA
- > PRIMUR Proyectos e Instalación de Material
- > Urbano
- > METROVACESA
- > BAMI
- > MAPFRE
- > MUTUA MADRILEÑA
- > MONTHISA
- > ONCISA
- > HINES
- > SERVIHABITAT
- > REALIA BUSINESS

• Private properties

- > WESTIN
- > SANITAS
- > CASER
- > AUDI
- > CINTRA
- > LILLY
- > CAJA MADRID
- > ENATE
- > GALERÍAS PRIMERO
- > REDEXT
- > INTERFAM
- > ALTAMIRA SANTANDER REAL ESTATE, S.A.
- > SONAE SIERRA
- > INTERCONTINENTAL HOTEL GROUP
- > HINES
- > MAPFRE
- > ENDESA
- > ZARA
- > COTEBA

CLIENTS. PRIVATE SECTOR

• Main Spanish contractors

- > DRAGADOS
- > OHL
- > FCC

- > GRUPO ORTIZ
- > VIAS

• Consultancy offices

- > ESTUDIO LAMELA
- > OSCAR NIEMEYER
- > JUAN NAVARRO BALDEWEG
- > TYPSA
- > HERZOG & DE MEURON ARCHITECTS
- > PELLI CLARKE PELLI ARCHITECTS
- > DAVID CHIPPERFIELD ARCHITECTS
- > ORTIZ.LEON ARCHITECTS
- > AYALA ARCHITECTS
- > MANSILLA + TUÑÓN ARCHITECTS
- > MATEU I BAUSELLS ARCHITECTS
- > BOVIS LAND LEASE
- > GERENS HILL
- > LV SALAMANCA

- > IDOM
- > NIETO SOBEJANO ARQUITECTOS
- > JUNQUERA ARQUITECTOS
- > ALLENDE ARQUITECTOS
- > MARIANO MARTÍN
- > CANO LASSO ARQUITECTOS
- > AYALA ARQUITECTOS ASOCIADOS
- > LANGDON ASOCIADOS
- > MENDOZA-SIMAL
- > ARQUETIPO ARQUITECTOS
- > ÁMBITO ARQUITECTURA
- > ADAM L. BRESNIC
- > NURIA RUIZ - JUAN HEVIA
- > AGUIRRE NEWMAN

CLIENTS

PUBLIC SECTOR

- > MADRID MUNICIPAL COUNCIL
- > MOTRIL MUNICIPAL COUNCIL
- > GUARDAMAR MUNICIPAL COUNCIL
- > ALCALA DE HENARES MUNICIPAL COUNCIL
- > COMUNIDAD DE MADRID (Regional Government of Madrid)
- > XUNTA GALICIA (Regional Government of Galicia)
- > JUNTA CASTILLA Y LEÓN (Regional Government of Castilla y León)
- > JUNTA CASTILA-LA MANCHA (Regional Government of Castilla La Mancha)
- > ICEX (SPANISH INSTITUTE FOR FOREIGN TRADE)
- > SPANISH MINISTRY OF CULTURE
- > SPANISH MINISTRY OF DEFENCE
- > SPANISH MINISTRY OF FINANCE
- > SPANISH PUBLIC TREASURY
- > SPANISH NATIONAL HERITAGE COMPANY
- > SEGIPSA
- > EMV (Madrid Municipality Housing Company)
- > INSALUD (Spanish National Health Company)
- > ARPEGIO
- > GERENCIA REGIONAL DE SALUD DE CASTILLA Y LEÓN (Regional Government of Castilla y León Health Company)
- > MADRID ESPACIOS Y CONGRESOS
- > REINA SOFIA NATIONAL MUSEUM OF ART

INTERNATIONAL EXPERIENCE

* See Annex 1 on List of Main Projects

• In Spain

Alkimya's members have been active during the last 30 years

• Other countries

- > Algeria (Algiers)
- > Chile (Región Central)
- > Equatorial Guinea (Malabo)
- > Haiti (Port au Prince)
- > Iraq (Erbil)
- > Kingdom of Saudi Arabia (Riyadh, Madinah, Makkah, KAEC)
- > Morocco (Casablanca)
- > Romania (Bucarest)
- > St. Vincent and the Grenadines (Kingstown)
- > Turkey (Istanbul)
- > United Arab Emirates (Abu Dhabi)
- > United States of America (Indiana)



PRIZES AND AWARDS

	COMPETITION	DATE	AWARDING AUTHORITY
1st prize	SPORTS PAVILION TYPE M4, LEGANÉS, MADRID, SPAIN	2012	Spanish National Sports Council
	REFORMA DE LA CALLE SERRANO. BEST PUBLIC WORKS AWARD 2012	2012	College of Civil Engineering
	LA REMODELACIÓN DE LA CALLE SERRANO	2011	Madrid Council Best Urban Project, Planning and Infrastructure Section, Madrid Council
1st prize	57 SINGLE-FAMILY DWELLINGS IN MÓSTOLES, MADRID, SPAIN	2011	Altamira Santander Real Estate Company
1st prize	RENOVATION, DEHESA BOYAL SPORTS PAVILION, SAN SEBASTIÁN DE LOS REYES, MADRID, SPAIN	2011	San Sebastián de los Reyes City Council
1st prize	RENOVATION OF FORMER "BANCO DE ESPAÑA" BUILDING FOR TAX OFFICES AND PHOTOGRAPHY MUSEUM, SORIA, SPAIN	2011	Bank of Spain
1st prize	PRIMARY PUBLIC SCHOOL 15 UNS., VILLAMALEA, ALBACETE, SPAIN	2011	Castilla-La Mancha Regional Govt.
1st prize	PRIMARY PUBLIC SCHOOL MANZANARES, CIUDAD REAL, SPAIN	2011	Castilla-La Mancha Regional Govt.
1st prize	NURSERY SCHOOL, VILLALBILLA, MADRID, SPAIN	2010	Madrid Regional Govt, ARPEGIO
1st prize	HEALTH CENTER MANZANARES II, CASTILLA-LA MANCHA, SPAIN	2010	Castilla-La Mancha Regional Govt.
1st prize	Health Center in VILLALPANDO, Castilla y León, Spain	2010	Castilla y León Regional Govt.
1st prize	Office Building MIGUEL YUSTE, Madrid, Spain	2010	Grupo Interfam
2nd prize	La Marina Master Plan, international competition	2009	San Sebastián de los Reyes City Council
1st prize	Distinciones 2009	2009	Colegio Oficial de Arquitectos de Madrid
1st prize	School in VALDEPEÑAS, Castilla-La Mancha, Spain	2009	Castilla-La Mancha Regional Govt.
1st prize	Health Centre Guadalajara, Spain	2009	Castilla-La Mancha Regional Govt.

PRIZES AND AWARDS

	COMPETITION	DATE	AWARDING AUTHORITY
1st prize	Primary public school., Azuqueca de Henares, Guadalajara, Spain	2008	Castilla-La Mancha Regional Govt.
Finalist	Aluminier – Technal Prize 2008	2008	Aluminier – Technal
1st prize	103 apartment building , EMVS de San Sebastian de los Reyes, Spain	2007	San Sebastián de los Reyes City Council
Commendation	Prize Fernando García Mercadal	2007	Colegio Oficial de Arquitectos de Aragón
1st prize	148 dwellings in Azuqueca de Henares, Madrid	2007	Grupo LAR Real Estate Company
1st prize	New flower stands in Tirso de Molina Square, Madrid, Spain	2006	Madrid City Council
1st prize	Madrid Designs, Urban Furniture	2006	DAE Urban Furniture Company
1st prize	Renovation of former “Banco de España” Building for Property Register Building, Almería, Spain	2006	Bank of Spain
1st prize	Extension of Cervantes Theater, Alcalá de Henares, Madrid, Spain	2005	Alcalá de Henares City Council
	ANCI Award 2004. Structural analysis of masonry structures. José Luis Martínez Martínez	2004	ANCI
1st prize	Renovation of paint school building, Jávea, Alicante, Spain	2002	Comunidad Valenciana Regional Govt.
1st prize	Library and cultural spaces for Cultural Association, Guardamar del Segura, Alicante, Spain	2002	Guardamar del Segura City Council
1st prize	Multifunctional building, Motril, Granada, Spain	2002	Motril City Council
	ANCI Award 2002. Structural analysis of masonry structures. José A. Martín-Caro	2002	ANCI
	PHD. Thesis Special Award. Structural analysis of masonry structures. José A. Martín-Caro	2002	Polytechnic University of Madrid

HARDWARE AND SOFTWARE

Summary of it hardware owned and operated by Alkimya members

	NO. OF UNITS		DESCRIPTION		
Telephone lines	23	4	LAND LINE		
		19	MOBILE LINE		
Internet lines	4		INTERNET ADSL		
Fax lines	3		FAX		
Plans photocopying machines	3	1	RES ROTARY HPC 205		
		1	HP DESKJET 3300		
		1	RYCOH Aficio MP C2050		
		1	RYCOH Aficio PC 821		
		1	HP OFFICEJET PRO 8500		
		1	EPSON STYLUS 1290		
		1	HPLASERJET 2300.		
Printers	10	1	HP OFFICEJET PRO K 8600		
		1	REX ROTARY HPC 2051		
		2	OKI C 5600		
		1	HP color LASERJET 5550 dtn		
		1	HP LASERJET 5100tn		
		3D Printers	1		3D LEAP FROG CREATOR
		Plotters	4	2	HP DESIGNJET 500
1	HP DESIGNJET 1050				
1	HP DESIGNJET T1100				
Digital cameras	5	1	HP707		
		1	ROLLEI-FLEX 58		
		1	D-60 NIKON		
		1	CANON EOS		
Thermographic cameras	1		FLIR E40 THERMOGRAPHIC CAMERA		
		1	HP OFFICEJET PRO 8500		
Scanners	3	1	REX ROTARY HPC 2051		
		1	RYCOH Aficio MP C2050		
		1	WORKSTATION DELL		
Computers	53	1	ELITE BOOK 8530		
		14	HP, LENOVO		
		37	OTHER LAPTOPS/DESKTOPS		
Tablets	9	5	NEXUS 7		
		3	IPAD		
		1	SAMSUNG GALAXY		
Servers	3	1	HP PROLIANT HL350GB		
		1	HP SERVER		
		1	SYNOLOGY DS 213		

HARDWARE AND SOFTWARE

Summary of the main technical software owned and operated by Alkimya members.

NAME OF SOFTWARE/PROGRAM	ISSUE DATE	DESCRIPTION
3DS-AUTODESK		3D RENDERS
ACROBATX		
ARQUIMEDES	2014	BUDGETING SOFTWARE
AUTOCAD	2014	CAD
BONGO		
CALENER		
CANECO HV	2014	SOFTWARE FOR HIGH VOLTAGE
CANECO LV	2014	SOFTWARE FOR LOW VOLTAGE
CEDRUS	2007	STRUCTURAL CALCULATION SOFTWARE
CERMA		
CLIP	2007	DESIGNING, EVALUATING AND CONSTRUCTING OF LINEAR WORKS
CUBUS	2007	STRUCTURAL CALCULATION SOFTWARE
CYPE-METAL-3D		METAL - STRUCTURES
CYPECAD	2009	STRUCTURES
DIALUX	2014	LIGHTING DESING
DOE 2	2012	ENERGY SIMULATION
FDS.5.0.	2014	FIRE AND SMOKE SIMULATION
FLAMINGO		
GASCAD	2014	DUCTS AND PIPE DESIGN
GEOSLOPE		
HASS.8.4.	2014	SPRINKLER DESIGN
INDESIGN CS6		
ITeC PAQUET TCQ2000	2013	PROGRAM FOR COST CONTROL
LIDER		
LINUS		
MEPLA		GLASS CALCULUS
METAL 3D		
MICROSOFT OFFICE	2013	WORD, EXCELL,
PENGUIN		
PHOTOSHOP CS6		PHOTO
POWERCONNECT		
PRESTO 8.8	2014	BUDGETS
PROENGINEER		STRUCTURAL AND FINIT ELEMENTS
RELUX	2014	LIGHTING DESING
REVIT	2014	BIM
RHINOCEROS 5.0		
RIDO		
SAP 2000		
SOFISTIK		
V-RAU		
WINDOWS SERVER 2003		
XFlow	2014	HIGH-END COMPUTATIONAL FLUID DYNAMICS SOFTWARE

QUALITY POLICIES

As a general picture, we have installed a Quality management system within our organization to ensure that we take the necessary measures to accomplish the quality standards.

We distinguish three phases involving the construction process:

- > Briefing an accurate scope of work concerning quality, objectives and needs of the client.
- > Developing all actions following set procedures and norms.
- > Documentation of all actions for future reference.

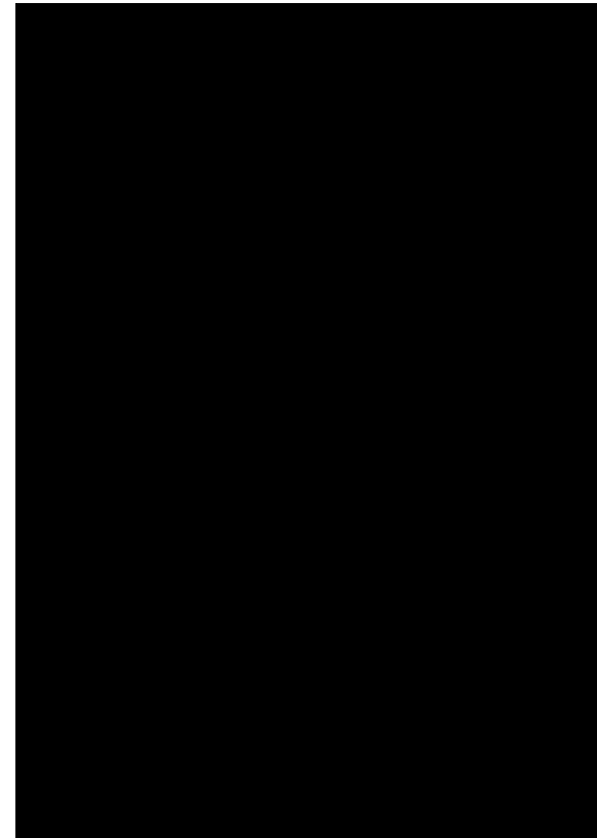
Our MISSION is to collaborate with our clients to achieve their goals, applying the following principles:

- > Achieving the clients satisfaction, satisfactorily completing the contracts according to the applicable norms, to get the clients loyalty.
- > Carrying out the work based in the adaptation to the necessities and the peculiarities of each client and the mutual implication in the process.
- > Guaranteeing our level of involvement, training, motivation and the technical means for the fulfilment of our job, and promoting the human and professional development of the team.
- > Aiming to the constant achievement of efficiency in all the process.
- > Providing all parts an exciting business and professional project in constant adaptation of the different necessities, open to the sector changes, with vocation to last in time.
- > Motivating all the professionals that we train to be involved, achieve the targeted quality in our job and give a better service.

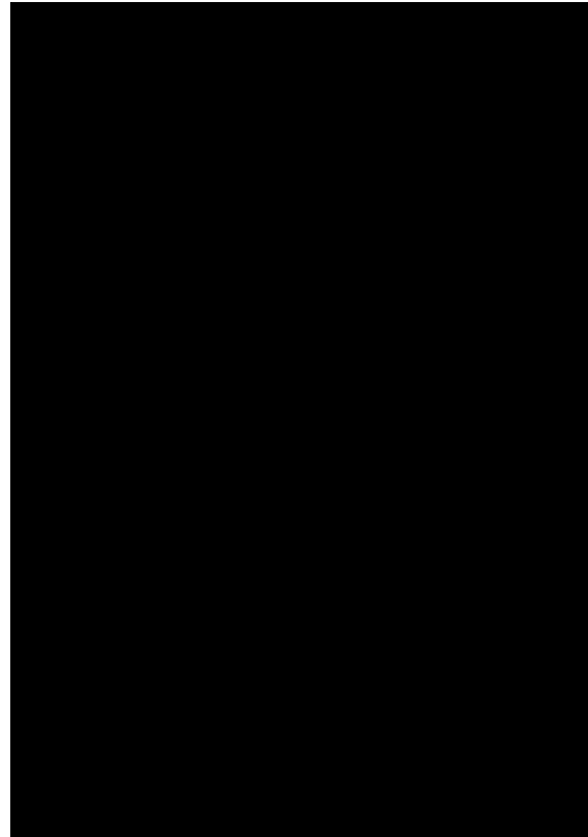
OUR QUALITY CERTIFICATES



OUR QUALITY CERTIFICATES



OUR QUALITY CERTIFICATES



TURNOVER DURING THE PAST YEARS

YEAR	2007	2008	2009	2010	2011	2012	2013	2014
Turnover (million SR)	15.6	25.8	27.5	23.9	23.2	21.7	15.1	15.7
Turnover (million €)	3.1	5.2	5.5	4.7	4.6	4.3	3.0	3.1

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ANNEX 1: LIST OF MAJOR PROJECTS

Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
ARQUITECTURA						
EDUCATIONAL						
Law College at La Coruña University	Regional Administration		Jul-94	Dec-96	€ 5,100,000 (Project value)	Total built up area of 8,500 m ² .
Kindergarten school and parking in Villalbilla, Madrid, Spain	Arpegio, Madrid Regional Government	Alicia Oliver. 917888127, aoliver@arpegio.com	Jul-10	Nov-12	€ 1,609,000 (Project value)	Two storeys kindergarten school with a total built up area of 1,719 m ² .
Secondary School for 12 units & foreign languages schools	Educational council regional government (Consejeriia de Educación Comunidad de Castilla La Mancha)			2010	4,900,000 € (Project value)	First prize in competition .Detail project. Postponed
HEALTHCARE						
Renovation of health center, Medina del Campo. Valladolid.	INSALUD. Ministry of Health		Jul-99	Jul-01	€ 2,500,000 (Project value)	Total built up area of 3,500 m ² .
R&D building for Pharmaceutical laboratory in Alcobendas, Madrid	Elanco Valquimica		Mar-99	Jul-02	€ 4,250,000 (Project value)	For a headcount of 84 researchers in medical chemistry, with a total built up area of 9,000 m ²
Public Health center in Guadalajara, Spain	Castilla La Mancha Region Public Health Institute		sep-09	Construction halted	€ 4,500,000 (Project value)	Health Centre with a total built up area of 3,518 m ² .
Manzanares II Health Centre, Manzanares, Ciudad Real, Spain	Castilla La Mancha Region Public Health Institute		oct-11	Construction halted	€ 3,796,000 (Project value)	Health Centre with a total built up area of 1,620 m ² .
Secondary School for 12 units & foreign languages schools	Educational council regional government (Consejeriia de Educación Comunidad de Castilla La Mancha)			2009	7,600,000 € (Project value)	Stopped
PUBLIC BUILDINGS						
Central Library Guardamar del Segura, Alicante, Spain	City Council		ago-02	dic-04	€ 3,800,000 (Project value)	Total built up area of 3,450 m ² .

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Central Library, San Sebastian de los Reyes, Madrid, Spain	City Council		sep-03	mar-06	€ 3.100.000 (Project value)	Library with a total built up area of 2,500 m ² .
National Insurance Treasury	National Insurance Treasury	Ministry of Employment & Social Security			2009 7.600.000 € (Project value)	
Natural Resources & Arobiological Institute in Sevilla	CSIC, Ministry of Economy		2009			Research Center . About 11400 m ² area
Courthouse in Lora del Rio	Andalusia Regional Government			2010	4.600.000 € (Project value)	New courthouse competition
SPORTS & LEISURE						
Dehesa Boyal Sports Centre Renewal, San Sebastián, Madrid, Spain	San Sebastián de los Reyes City Council		Sep-08	Apr-12	2.856.000 € (Project value)	Renewal and upgrading of all areas in this 2.870 m ² sports centre.
Velodrome & Sport Center in Torrejon de Ardoz, Madrid	Arpegio, Madrid Regional Government	Alicia Oliver. 917888127, aoliver@arpegio.com		Feb-11	4.095.000 € (Project value)	Deck & New bleachers for Sport center
Sports Center in Leganés, Madrid, Spain	CSD (Sports High Council,) Spanish Ministry of Education, Culture and Sports	Gustavo Muñoz. 915896743 gustavo.munoz@csd.gob.es	Nov-10	Nov-12	2.397.000 € (Project value)	2.714 m ² sports centre.
RESIDENTIAL HOUSING						
108 dwellings In C. Menorca, Madrid, Spain	Nozar Real State developer Real Estate Company	Ana Lopez 917589630, ana.lopez@nozar.es	1997	1999	7.633.000 € (Project value)	
295 dwellings, parking and swimming pool in c mendez Alvaro, Madrid, Spain	Nozar Real State developer Real Estate Company	Ana Lopez 917589630, ana.lopez@nozar.es	2004	2007	13.650.000 € (Project value)	
393 apartments, parking and swimming pool in c Rafael Bergamín, Madrid, Spain	Nozar Real State developer Real Estate Company	Ana Lopez 917589630, ana.lopez@nozar.es	2001	2004	11.347.000 € (Project value)	Medium-high standard residential condominium with 56.020 m ² built up area, 393 units, including several blocks, basement for parking and common facilities as swimming pool and sports club.

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Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
5 dwellings in C. Agastia, Madrid, Spain	Promociones Barrio 2005, S.L.	David Jimenez 917589630, ana.lopez@nozar.es	2007	2009	416.000 € (Project value)	
Pulic housing UVA Hortaleza Madrid						
154 affordable housing units in Buenavista, Getafe, Madrid, Spain	Balmaseda Sdad. Coop. (Dimora, S.A.)	Jose Fonseca Vilariño 917589630, luis@delanova.net	2008	2012	11.007.000 € (Project value)	
103 Apartment. Building in Tempranales, San Sebastian de los Reyes, Madrid, Spain	Public Housing Company of. San Sebastian de los Reyes City Council		2008	2012	10.390.817 € (Project value)	
76 affordable dwellings, Valdebebas, Madrid, Spain	Sdad. Coop. Parquebebas	Luis de la Cruz 913231732 fonseca@dimora.es	2012	2015	5.850.000 € (Project value)	
482 affordable housing units in Reghaia-Bourada, Algiers, Algeria	OLA-Ortiz Contracting Company		Apr-14	Dec 2015 (scheduled)	26.500.000 € (Project value)	Ortiz Contracting Company is undergoing a massive social housing scheme for the Algerian Government, which includes the establishment of a prefabricated façade manufacturing facility to cater for the project. We provide the master planning for the several locations and the full architectural package.
RESIDENTIAL						
SINGLE FAMILY RESIDENTIAL						
4 Terraced Housing in Torrelodones II_Madrid	Private		Jul-91	Dec-94	250.000 € (Project value)	Total floor area 1,500 m ²
3 Family Villas in a residentia	Private		1999	2002		3 luxury villas in a residential area in Madrid city center
136 condominium houses in Villaviciosa de Odón, Madrid, Spain	Estilo Inmobiliario, S.A.	Antonio Baena 917589636	2001	2005	8.500.000 € (Project value)	High density residential condominium, including several blocks, basement for parking and common facilities as swimming pool and gardens.

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Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
56 single family villas compound in El Encinar de los Reyes, Madrid, Spain	Nozar Real State developer Real Estate Company	Ana Lopez 917589630, ana.lopez@nozar.es	Jan-02	Mar-05	8.843.000 € (Project value)	Medium-high standards compound with a total built up area of 16.623 m ² including 56 semidetached villas with landscape, gardens and sports facilities, swimming pool and social club.
Villa in Ciudadcampo, Madrid, Spain	Private		2007		300.000 € (Project value)	Villa in a resort town
201 Housing units in Torreloanes, Madrid, Spain	Local Developer		Jan-07		20.000.000 € (Project value)	Row houses in a sloped plot
58 Housing units in Cerro Muriano, Cordova, Spain	Local Developer		Jun-08		3.100.000 € (Project value)	Two rows of semi-detached houses around courtyards
87 villa compound in Sector APD-4 Arroyomolinos, Madrid, Spain	Los Prunos, Sdad Coop. Mad		Jun-06	Feb-10	10.775.000 € (Project value)	Compound with a total built up area of 20.796 m ² including 87 detached villas with common basement for parking.
33 Housing units in Colmenar Viejo, Madrid, Spain	Solvía		2010			
33 Housing units in Colmenar Viejo, Madrid, Spain	Local Developer		Jan-11		4.800.000 € (Project value)	Two-storey semi-detached houses
Villa in Sanxenxo, A Coruña, Spain	Private		Jun-12		300.000 € (Project value)	Villa in a beachfront resort town
57 villa compound in Sector 4, Móstoles Sur, Madrid, Spain	Altamira Santander Real Estate		Sep-11	Dec-13	4.083.000 € (Project value)	Compound with a total built up area of 4.430 m ² including 57 detached villas .
OFFICES						
Offices and parking building, c Titán 13, Madrid, Spain	Nozar Real State developer Real Estate Company	Ana Lopez 917589630, ana.lopez@nozar.es	2006	30-Jun-1905	€ 39.100.000 (Project value)	Office building for company headquarters with a total built up area of 25.218 m ² .
Offices and parking building, c Titán 8, Madrid, Spain	Nozar Real State developer Real Estate Company	Ana Lopez 917589630, ana.lopez@nozar.es	1-Feb-2004	1-Mar-2008	11.847.000 € (Project value)	Office building for rental, with a total built up area of 19.696 m ² .

ANNEX 1: LIST OF MAJOR PROJECTS

Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
Offices and parking building, c Titán 15, Madrid, Spain	Nozar Real State developer Real Estate Company	Ana Lopez 917589630, ana.lopez@nozar.es	1-Sep-2003	Dec 2007	16.213.000 € (Project value)	Office building with a total built up area of 14.736 m ² .
Renovation of former Bank of Spain delegation in Almería, Andalusia, Spain	SEGIPSA. (Public Management of real estate and heritage, Ministry of Finance)		abr-06	jul-08	€ 2,400,000	Complete renovation of a heritage building with a total floor area of 2,300 m ²
Office Building c Miguel Yuste, Madrid, Spain	Grupo Interfam	Isiddro Pedraza 913993592 ipedraza@interfam.com	2011	2014	€ 4.200.000 (Project value)	7.700 m ² built up area office building
COMMERCIAL						
Retail interior design for supermarket in Parque Castillo del Palomar, Zaragoza, Spain	Galerias Primero		mar-07	Dec-07	697.000 € (Project value)	Retail interior design for supermarket, total built up area 1.222 m ² .
Toyota and Lexus. Showroom, Garage and Offices in Valencia	Toyota and Lexus Spain		2014	2015	3.700.000€ (Project value)	Toyota and Lexus Showroom., total built up area 4.079 m ²
HOTELS						
Hotel Mendez Alvaro, Madrid						
Las Margas Golf Hotel, Sabiñanigo, Huesca, Spain	Nozar Real State developer Real Estate Company.		2003	2006	€ 7.274.265 (Project value)	4* Hotel and Club in a Golf Course
INDUSTRIAL						
Industrial Renault tech park						
Industrial KAEC emaar Jeddah						

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Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
REHABILITATION						
BUILDINGS						
Enlargement and Complete Renovation of Residential Building in c Victor Hugo, 5 Madrid, Spain	Valdemuelas, SL		feb-03	feb-06	901.000 €	Enlargement and change of use of an existing office building into residential, with 30 apartments and 2 retail spaces in Groud Floor.
Historical Building in Juan de Vilarasa Street_Valencia						
ARCHITECTURE HERITAGE						
Sancti Petri Castle Recovery Project. Architectural survey. Geotechnical, materials and damage study.	Spanish Environmental Ministry	Gregorio Gómez Pina (ggomez@mma.es)	2007	2010	186.958 € (Services value)	Draft and Technical Assistance. The activities performed were: Cleaning and drying of the stonework, Structural regeneration and consolidation, Replacing of wooden decks and paving repairing, Drainage and sewage measures, Sea protection measures, Cultural diffusion performances.
Inspection, research, analysis and restoration project. Studies for conservation and restoration at the Erbil citadel, Iraq.	UNESCO	May Shaer (m.shaer@unesco.org)	2011	2012	360.000 € (services value)	The studies for the conservation and restoration of eight groups at the Ebril citadel (Iraq) includes topographical survey, historical research, architectural documentation and analysis and structural studies: sampling and analysis of materials, foundations and soil studies, assesment of the structural stability...
Complete Renovation of Building in Paseo de Gracia 69, Barcelona, Spain	Nozar Inmobiliaria Real Estate Company		may-04	abr-07	1.914.000 €	Complete renovation of Heritage building including 28 apartments and 2 retail spaces in Groud Floor.
Renovation of former Bank of Spain delegation in Soria, Castilla y León, Spain	Bank of Spain		jul-05	jul-05	4.400.000 €	Restoration of this old building with 3.573 m ²
URBAN FURNITURE						
Kiosk Tirso de Molina_Madrid						
INTERIOR DESING						

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Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
MASTER PLANNING & URBAN DEVELOPMENT						
Integration of River slice in the City of Toledo						
Las Margas Golf park & residential areas Sabiñanigo						
Serrano Street full redesign	Madrid City Council	David Gistau (d-o@gis-ingenieria.com)	2005	2006	152.875 € (services value)	The project aimed improving the physiognomy and operation of the street as well as of the environment. To achieve this purpose, an extension or enlargement of the pedestrian area has been designed, removing the pavement surface corresponding to the existing parking area. To improve the traffic flow, the parking activity has been transferred to three new underground parkings, avoiding this way slow-downs consequence of the surface parking maneuvers and second row parking.
Technical Assistance for the Redesigning of Fernández Ladreda Avenue, between Plaza de Toros and Alcalde Miguel Castaño Avenue.	León City Council	David Gistau (d-o@gis-ingenieria.com)	2008	2008	137.992 € (services value)	Transform the road into a street within the urban nucleus, so the city could grow to the South. Its transversal section was arranged through a wider median strip and residential areas. Promoting the roads that surround León, reducing traffic inside the city (according to what was established by the Urban Mobility Plan of León) and facilitating peripheral traffic.
International Competition for urban planning "La Marina"	San Sebastian de los Reyes City Council			2009		Urban Plan Proposal for "La Marina", area over 36 Ha. In central town, including residential area, dotational area & a urban park.

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Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
Urbanization Project of SUP-I-4 "El Triángulo" in San Fernando de Henares.	SUP - I-4	David Gistau (d-o@gis-ingenieria.com)	2012	2012	28.600.000 €	The scope of works was focused on the land use transformation, getting new equipment for the area and obtaining the necessary land reserve to broaden the surrounding roads. Works were undertaken in the fields of roads and pavement, water supply, waste- and stormwater, electric energy, public lighting, telecommunications systems, gas network, urban furniture, gardening and other urban services.
Santiago Bernabeu Stadium remodeling	Real Madrid Football Club	Julio González Tojo (jtojo@realmadrid.es)	2014	2016	30.000 € (services value)	INES will take part in the remodeling of the Santiago Bernabeu Stadium in Madrid. This project seeks to reestablish the arena as a worldwide sporting landmark.
ENGINEERING						
CIVIL WORKS						
Replacement of Four Steel Bridges	Spanish Railway Administration (ADIF)	Fernando Ugena Carrasco (fugena@adif.es)	2008	2008	122.535 € (services value)	The renewal of the Tarragona-Barcelona-France railway line, involved the replacement of four steel bridges. INES, carried out the project design as well as the works supervision.
Railway track and electrification renewal. Xàtiva-Silla, Valencia (Spain)	ADIF (Spanish Agency for Railways Infrastructure)	Fernando Ugena Carrasco (fugena@adif.es)	2008	2008	443359 € (services value)	The work developed by INES starts from the definition of the section requirements, included in the Functional Study, covering the renovation of both the railway superstructure and electrification. Moreover, actions to improve its infrastructure (earthworks and drainage works) were performed.
GEOTECHNICAL						

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Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
Madinah & Makkah. Geotechnical Design.	Haramain High Speed Railway Consortium	José López Redondo (jose.lopez@consultrans.es)	2013	2013	52.534 € (services value)	Madinah workshop comprises a huge group of maintenance buildings combined with road and railway connections. It occupies an area of approximately 50 hectares. There are embankments up to 10 m high and 1,000,000 m ³ of soil had to be excavated.
BOOC Building, King Abdulah Economic City (KAEC) Railway Station. Geotechnical Design.	Haramain High Speed Railway Consortium	José López Redondo (jose.lopez@consultrans.es)	2014	2014	57.433 € (services value)	The Backup Operation Control Centre is a multidisciplinary centre where different tasks and activities into areas directly related to railway operation, abnormalities management, planning, maintenance, training and others are carried out. A total floor area of 1,135 m ² is projected.
MAINTENANCE						
Repair and treatment in the Indiana Toll Road (USA)	CINTRA	Cristóbal Martínez (cmartinez@cintra.es)	2006	2006	327.275 € (services value)	
Technical Bridges Management. Project and Technical Assistance.	Spanish Infrastructure Ministry	Alvaro Navareño Rojo (anavareno@fomento.es)	2008	2010	1.015.164 € (services value)	The contract consists of a specialized Technical Assistance in various matters pertaining to the management, conservation and maintenance of the State Highway Network bridges. These tasks include training courses for inspectors, contrast inspections, major inspections supervision, drafting of inspection guidelines, specific studies on durability, bridge selection criteria...
Structure Management System implementation. Bridges inspection and Technical Assistance.	Barcelona's City Council	Angel Acedo (acedo@rubatec.es)	2009	2010	270.656 € (services value)	The work consists in implementing a Structure Management System that will allow to monitor the conservation status of all structures over time. Two courses have been taught on how to complete inventory and perform inspections.

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Project Name	Customer Organisation (name)	Customer contact name, phone number and email	Contract start date	Contract completion date	Project value	Brief description of contract (max 500 words) including evidence as to your technical capability in this market
Technical management of the conservation of the bridges and structures of the Spanish State Highway Network.	Spanish Infrastructure Ministry	Jorge Fernández León (jfleon@fomento.es)	2014	2016	233.250 € (services value)	Inspection, assesment and rehabilitation and reinforcement of all the Spanish State Highway Network bridges. The project includes the implementation of an Informatic Management tool where all the information about the bridges is registered and can be located in a GIS system.
Bridges Master Plan. Detail engineering. Central Area Bridges, Chile	EFE, Chilean Railway Infrastructure Public Company	Juan Luis Pinedo (juan.pinedo@efe.cl)	2014	2015	300.000 € (services value)	Inspection, assessment and rehabilitation and reinforcement of 55 railway bridges in Chile for its update for the circulation of the new train load corresponding to Train C+.
STRUCTURE						
Rivas Futura Leisure Park	Chapman Taylor España	José Manuel Martín (rivasfutura@chapmantaylor.es)	2005	2007	260.000 € (services value)	The leisure park counts with two floors with a total surface of 50,000 m ² and a unique metal roof. The complex includes an artificial lake, a restaurant next to it, a quay and a box office area.
Project and Construction Management of the International Exposition Zaragoza. Participants Buildings.	Expo Agua	Pablo Álvarez (pablolietor@yahoo.es)	2008	2008	119.000 € (services value)	The complex includes, among other elements, two new bridges across the Ebro River, a river park, a viewpoint tower, the pavilions of the participant countries and a space of thematic squares next to the river. The project was designed to foresee the integration in the city once the exposition is over.
EXPO Zaragoza Office Business Park	Master Ingeniería- Estudio Lamela	Ana Guasp (aguasp@lamela.com)	2008	2010	339.120 € (services value)	The restructure project consisted of several performances on the Ronda, Actur and Ebro Buildings following two main streamlines of action: the adaptation of the ground and first floor, and the construction of two new steel structure floors between the existing ones.

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BBVA Office Campus	BBVA	Susana López Arias (susana.larias@bbva.com)	2008	2008	458.000 € (services value)	The BBVA Campus stands as an example of modern and traditional architecture binding to make a remarkable and pleasant professional training space. The campus comprises six new buildings fully independent: three wards and three auxiliary buildings, where all the facilities are located. Furthermore, there are old buildings that were reused and therefore required some structural measures and a new facilities conception, adapted to the new intended use, the current needs and the current regulations.
BBVA Headquarters Structural Project, Madrid, Spain	BBVA	Susana López Arias (susana.larias@bbva.com)	2010	2014	1.489.000 € (services value)	The project comprises a linear structure of buildings, streets and green areas. The setup aims to maximize natural light in the working areas, as well as their closure to the gardens. These buildings shape a circular square where a 20-storey high building rises.
New Villena's High speed Railway Station. Structures and facilities implementation., Alicante, Spain	ADIF	Julio Alberto Rodrigo Vicente (jarodrigo@adif.es)	2010	2010	318.000 € (Services value)	During the early stages of the project a topographical survey of the area and a full geotechnical report were performed, which included a foundation study. Geothermal equipment, solar panels and architectural solutions that optimize consumption were adopted at the client's request.
Carboniferous Museum Structural Project, Ponferrada, León, Spain	CIUDEN	Luis Enguita (info@learquitectura.com)	2011	2011	300.000 € (Services value)	The Carboniferous museum is part of the National Museum of the Energy in Ponferrada (Spain). Its dome, made of steel bands, was parametrically designed to optimize its solar performance while preventing from direct exposure.
Project engineering: structures and facilities. Office Building. Bucuresti, Romania	Bueso-Inchausti-Reain Arquitectos	Alejandro Bueso-Inchausti (estudio@buesoinchausti-rein.com)	2014	2014	137.250 € (Services value)	Structural and facilities engineering project for an Office Building in Bucarest with 14 different stories and 4 underground levels for parking.

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ELECTROMECHANICAL						
ELECTRICAL						
EMP, Salamanca Hospital, Spain	Ever Project/FCC	Jose Manuel Fernández Arrufat (+34914012201), Sergio Ramos (+34983352500, scramos@fcc.es)	2008	2014	35.000.000 €	Complete EMP, up to BOQ and Tendering, in JV with Ever Project SL, for this hospital with a built up area of 160.000 m ² in Salamanca, Spain
EMP and fire protection, Westing Palace Hotel in Madrid, Spain	Valentin Merino Architects.	Valentín Merino, (+34915044869, - v.merino@vmarq.com)	2008	2014	750.000 €	Since 2008 several works. We highlight the fire protection design for the whole building. Also every installation design for the new ballrooms (more than 3.000 m ² refurbishment process).
EMP, Fuerteventura Hospital, Spain	Servicio Canario de Salud - S.C.S. (Health Canary Service)	Fernando Cuyás Ruiz (+34928118884 - fcuyru@gobiernodecanarias.org)	2006	2014	12.000.000 €	Working for the SERVICIO CANARIO DE SALUD, (S.C.S.), we designed the HVAC and the Electrical & Special Services of this big hospital complex (47.000 m ²).
EMP, Indoor Tennis Court in Madrid, Spain	TYPSA	Jaime Mengual (+34917227300)	2006	2007	12.500.000 €	Working for TYPSA, we project the mechanical installations and the Electrical Services of the Indoor Tennis, and electrical design in the "Caja Mágica" Building. Architect Dominique Perrault.
EMP Design for the Economical Crime Prosecution Agency Headquarters, Madrid, Spain	Ignacio Mendaro Architect/Patrimonio del Estado (Spanish State Heritage)	Paz Pérez de Seoane (paz.perezdeseoane@meh.es)	2007	2011	750.000 €	Design of all EMP for this new office building in Madrid (4000 m ²), which features geothermal energy for cooling and heating. This building was awarded by ENDESA (electrical facility) the best Sustainable Refurbishment construction in 2012.
EMP, Santander Hospital, Spain	BCP Architects.	Fernando Cruz Alonso, architect, (+34917400214 bcp@bcparquitectos.com)	2000	2007	22.000.000 €	Working for the SERVICIO CÁNTABRO DE SALUD, (Health Cantabrian Service), we designed the HVAC and the Electrical & Special Services of this big hospital complex (105.000 m ²).
EMP, Spanish Embassy in Ecuatorial Guinea.	TYPSA	Jaime Mengual (+34917227300)	2005	2005	350.000 €	Working for TYPSA, we designed every installation in the new Spanish Embassy in Ecuatorial Guinea.

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EMP, Tenerife Hospital, Spain	Servicio Canario de Salud - S.C.S. (Health Canary Service)	Fernando Cuyás Ruiz (+34928118884 fcuyru@gobiernodecanarias.org)	2000	2010	17.000.000 €	Working for the SERVICIO CANARIO DE SALUD, (S.C.S.), we design the HVAC and the Electrical & Special Services of this big hospital complex (110.000 m ²).
EMP Design, Zaragoza Airport, Spain	DRAGADOS	José Luis Alfranca (+34917038616, jalfrancag@dragados.com)	2007	2007	9.000.000 €	Working for DRAGADOS S.A., we project the installations for the new airport terminal in Zaragoza, Spain.
EMP Design Central University Hospital of Asturias, Spain	Herráiz Arquitectura SL/GISPASA	Alfonso de Carlos (+34985210276, adecarlos@gispasa.info)	2006	2010	62.000.000 €	Design the HVAC and electrical installations of this big hospital complex (190.000 m ² and 1.100 beds).
EMP, Soria Hospital, second phase, Spain	SACYL, (Castilla y León Health Service).	Alvaro Guijarro (+34983418855, aguijarro@grs.sacyl.es)	2010	2010	8.700.000 €	Working for SACYL and KYS,SL Architects, we design the HVAC and the Electrical Services of this hospital complex (37.000 m ²).
EMP Design for the Spanish Royal Collections Museum, Madrid, Spain	Dragados SA	José Luis Alfranca (+34917038616, jalfrancag@dragados.com)	2014	2015	15.600.000 €	Review of the existing design, development of a new detailed design and technical assistance in construction process. Working for DRAGADOS, we designed the modified project of electromechanical installations from spectacular original project of Emilio Tuñón Architect.
HVAC						
Electrical Design for Alcañiz Hospital, in Aragon, Spain.	EACSN Architects	Eduardo Fernández Inglada, Architect (+34913739886)	2010	2011	6.500.000 €	Working for the EACSN Architects, we designed the Electrical Service, of this big hospital complex (75.000 m ² and 400 beds).
Electrical, telecommunications and special EMP design for the Arab-South American Library in Algiers, Algeria.	UTE Basa 2012	Roberto Alonso, Architect (+34985088587)	2012	2014	2.900.000 €	Working for the architect Roberto Alonso and Óscar Niemeyer, designing the Electrical, telecommunications and special installations, full projects until BOQ and tendering.
HVAC Marriot Hotel, Casa-blanca, Morocco	TYPSA	Eva Montero (+34917227300)	2013	2014	8.500.000 €	Design the HVAC for a high rise hotel of 60.000 m ² in Casablanca.

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HVAC systems Design for six buildings in the Islamic University in Riyadh	TYPSA	Eva Montero (+34917227300)	2005	2011	6.500.000 €	Since 2005, working for TYPSA as HVAC experts, we have done several works. We highlight the HVAC systems for 6 buildings larger than 50.000 m ² each in Riyadh, Saudi Arabia.
HVAC Design, TS4 Barajas Airport, Madrid, Spain	UTE Satélite Barajas	José Luis Alfranca (+34917038616, jalfrancag@dragados.com)	2001	2005	18.000.000 €	Design of the HVAC system and assistance as Experts during the construction phase of this 300.000 m ² airport building.
Electrical International Cultural Center in Avilés, Spain	Consejería de Cultura Principado de Asturias.	Roberto Alonso, Architect (+34985088587)	2008	2010	2.900.000 €	Working for the architects Óscar Niemeyer and Roberto Alonso, we design the Electrical Services of this cultural complex.
HVAC Sheraton Mirasierra Suites Hotel, in Madrid, Spain.	GABINETE DE INGENIERÍA	Ignacio Menéndez Pidal (+34917141933)	2006	2007	8.500.000 €	Working for GABINETE DE INGENIERÍA we projected the mechanical installations of these LUXURY HOTEL of 20.000 m ² placed in Madrid. This building has a tri-generation system to deliver electricity, heat and chilled water.
FACADE ENGINEERING						
Portico Building, Façade Development and Supervision, Madrid, Spain	Rafael de la Hoz + SOM	Eduardo Montero Fernández de Bobadilla 0034 913101166, emontero@gop.es	2004	2005	3 Million €	Assistance and Consultancy on previous consultants performance for the façade development of this office building in Madrid.
Offices Titan 6-8 Façade Development, Madrid, Spain	NOZAR	José Luis Galán, 913500288, jlgalan@galanlubascher.com	2004	2005	9 Million €	Complete façade development and site supervision for this office building, including support and assistance for material and systems tests and mock up development
Offices Titan 13 Façade Development, Madrid, Spain	NOZAR	José Luis Galán, 913500288, jlgalan@galanlubascher.com	2006	2007	3,5 Million €	Complete façade development and site supervision for this office building, including support and assistance for material and systems tests and mock up development
Torre Cristal, Façade Development and Supervision, Complejo Cuatro Torres, Madrid, Spain	Pelli Clarke Pelli Architects + Ortíz.León Arquitectos	Juan Diego Carrasco, 915929649, jdcarrasco@mutuainmobiliaria.es	2007	2011	19 Million €	Complete façade development and in site supervision for this 240 m high rise office building

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Iberdrola Tower Bilbao, Façade Development and Supervision, Madrid, Spain	Pelli Clarke Pelli Architects + Ortíz.León Arquitectos	Enrique León García 914350398, enriqueleon@ortizleon.com	2008	2012		- Assistance and Consultancy on previous consultants performance for the façade development of this relevant tower in Bilbao.
UN Communication Center Façade Development, Valencia Spain	Cano Lasso Arquitectos	Gonzalo Cano 913077073, estudio@canolasso.com	2009	2010		- Complete façade development for of this relevant public building.
Caixaforum Museum Façade Development, Madrid, Spain	Herzog&De Meuron Architects	Nuno Ravara, n.ravara@herzogdemeuron.com	2009	2011	2,2 Million €	Complete façade and roof development and site supervision for the extension of this relevant public building, including support and assistance for material and systems tests and mock up development
Offices Titan 15 Façade Development, Madrid, Spain	NOZAR	José Luis Galán, 913500288, jlgalan@galanlubascher.com	2010	2011	5,5 Million €	Complete façade development and site supervision for this office building, including support and assistance for material and systems tests and mock up development
Banco Popular Headquarters Façade Development, Madrid, Spain	Arquitectos Ayala	Mateo Ayala, 91 441 75 58, mateo@arquitectosayala.com	2010	2012	8 Million €	Complete façade development and site supervision for complex office building, including support and assistance for material and systems tests and mock up development
Arts & Sciences Center Segovia Façade Development, Madrid, Spain	David Chipperfield Architects + Mateu i Bausells Arquitectos	Sebastia Mateu Bausells, 916404260, s.mateu@mateuibausells.com	2010	2010	10,2 Million €	Complete façade development for concept design of cultural building.
Euskalduna Convention Center Façade Development, Bilbao, Spain	Federico Soriano & Asociados	Federico Soriano Peláez, 915192156, federico@federicosoriano.com	2011	2012	3,3 Million €	Complete façade and roof development and site supervision for the extension of this relevant public building, including support and assistance for material and systems tests and mock up development
International Convention Center of Madrid Façade Development, Madrid, Spain	Tuñón + Mansilla Arquitectos	Emilio Tuñón, 913993067, circo@mansilla-tunon.com	2011	2011	116 Million €	Complete façade development for of this relevant public building, including support and assistance for material and systems tests and mock up development

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Landmark Tower, Abu Dhabi Corniche, UAE	Pelli Clarke Pelli Architects	Anibal Bellomio, abellomio@pcparch.com 001 2037872856	2011	2011	-	Assistance and Consultancy on previous consultants performance for the façade development of this iconic tower in the Corniche of Abu Dhabi.
Grand Theatre Casablanca Façade Development, Madrid, Spain	Porzamparc + TYPESA	Lourdes Rubio Rebato, lrubio@typsa.es 917 227 300	2013	In process	5,1 Million €	Complete façade development for of this relevant public building.
New Marina Hotel Façade Development, Madrid, Spain	WATG + TYPESA	Pablo Jiménez pajimenez@typsa.es 917 227 300	2013	In process	17 Million €	Complete façade development for of this 150m high tower.
EMP Design for the Economical Crime Prosecution Agency Headquarters, Madrid, Spain	Ignacio Mendaro Architect/Patrimonio del Estado (Spanish State Heritage)	Paz Pérez de Seoane (paz.perezdeseoane@meh.es)	2007	2011	400.000 € (Project value)	Design of all EMP for this new office building in Madrid (4000 m2), which features geothermal energy for cooling and heating. This building was awarded by ENDESA (electrical facility) the best Sustainable Refurbishment construction in 2012.
BBVA Headquarters Façade Development Project, Madrid, Spain	BBVA	Susana López Arias (susana.larias@bbva.com)	2010	2010		The project intends to protect the building from the direct sunlight through different active and passive systems. These buildings shape a circular square where a 20-storey high building rises.
LANDSCAPING						
Gardens for Headquarters of Kuwait Investment Office-Prima Inmobiliaria - Madrid	Kuwait Investment Office-Prima Inmobiliaria		1999	2000	1.250.000 €	Outdoors garden and interior patio garden for the headquarters of Prima Inmobiliaria and Kuwait Investment Office in the centre of Madrid. A listed building with underground garage.
Cloister of Nuestra Señora la Real de Guadalupe	World Monument Fund		1999	2000	1.600.000 €	Restoration of the Cloister of a World Heritage Site, with diverse experts (architecture, mosaic, hydrology, etc.)
Gardens for the National Archaeological Museum	Ministerio de Cultura		2004	2006	750.000 €	Restoration in different phases of the south garden of the National Archaeological Museum in the centre of Madrid, a listed building and garden. Last phase was not carried out.

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International Competition for the Restoration and new premises of the Botanical Garden of Padova	Regione Padovana		2005		2.200.000 €	International competition for the restoration and new facilities of the Botanic Gardens of Padova, World Heritage listed. The project involved a multidisciplinary team
Gardens for a residential condominium in Santo Domingo, Madrid	Riofisa Inmobiliaria		2007	2009	2.500.000 €	The landscape areas for the residential condominium included sports areas, hospital, catering areas, parking lots, walkways and roads, inserted in a high quality environmental area.
Gardens for the Crown Plaza Hotel, Marbella, Malaga	Crown Plaza Hotels		2009	2010	1.100.000 €	Gardens for the new Crown Plaza Hotel in Marbella, including swimming pools, relax and sport areas.
Interior and exterior landscape for the National Museum of Human Evolution, Burgos	Ministerio de Cultura		2009	2011	3.000.000 €	The project included the recreation of natural landscape in the interior of the Museum and the exterior gardens and access
Landscape Master Plan for the Archaeological Site of Madina al-Zahra, Cordoba	Sitio Arqueologico de Madinat al-Zahra, Junta de Andalucía		2010	2010	4.200.000 €	The project was part of the general Master Plan for this highly valued archaeological site. It had to establish the criteria for the different areas, including archaeological site but also access from and to the new buildings, winner of Agha Khan Architecture prize.
International Competition for the New football stadium of Real Madrid, Madrid	Real Madrid C.F.		2012		15.000.000 €	The landscape project was part of the Lamela-Populus team for the new Football Stadium for Real Madrid, including all the new public areas for leisure, hotel, commercial areas, etc.
Landscape Project for the Al-Turath Heritage Centre, Riyadh	International Heritage Restoration Group		2014		1.800.000 €	The landscape of the complex, including the National Heritage Institute commercial areas, refers to characteristics of the Arab gardens and specific references to Saudi heritage elements.
LIGHTING						
Titan 15 Office building Madrid						
Malaga Port						

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Barcelo Markett in Madrid						
Alger Library						
Scenic Lighting Project for the Municipal Music Hall in Vitoria, Spain	Vitoria City Council		2006	2008	161.990€ (Project value)	Electrical scheme and lighting consultancy project for the Stage of this Music Theatre.
Architectural Lighting Design for GAMESA corporate Building M-30, Madrid, Spain	Junquera Arquitectos			2010		Exterior and interior lighting project for the headquarters of a leading Spanish company on Renewable energies.
Lighting for REPSOL Campus, C. Mendez Alvaro, Madrid, Spain	De la Hoz – Aguirre Newman			2013		Exterior and interior lighting project for the headquarters of a leading Spanish company on Oil and Gas.