LAB-LOB

Architecture, design & technologies

DOSSIER OF SERVICES

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INTERNATIONAL STUDIO + TECHNOLOGY + EXPERIENCE

We are an international architectural, design, engineering and technology office that offers all the necessary tools for the growth of companies, institutions and private clients.

ARCHITECTURE/DESIGN/ENGINEERING
+
INTERNET + CODING + INTERACTIVE

We have an experience of 5 years doing architectural, design and engineering projects involving technology in Spain and USA.

The Utopìa serves to walk and change the world. Dream with us and we will build your dream.

Today the technology is critical for projects development and growth of businesses, institutions and independent customers. Designing and constructing using the latest digital technologies generates added value for projects: speed, reduction of costs, less generation of waste and pollution, less noise, water savings, etc.. Furthermore, the information applied to architectural design gives the customers more power over it and gives them the ability to choose without a significant cost increase.

We emphasize the value that provide telecommunications and internet for architecture and design in general. We are now ready to build, with these technologies: spaces, furniture and intelligent and programmable objects to meet customer requirements. We want to emphasize our commitment with the environment pointing out that technology is a great ally in this direction. The use of resources optimization software and analysing each project using these tools reduces greatly its environmental impact.

We have an international team of professionals who put all the passion to satisfy the dreams of our most demanding customers. We strive every day to reach our goal considering the highest standards of international quality.

There are no limits....

ARCHITECTURE

Each architectural project work in a multidisciplinary way. We design professional teams based on each project: architects, designers, artists, engineers and other professionals contribute with their experience for every challenge posed to us by customers. We offer the following services:

- *Architecture Projects and Parametric Architecture*
- *Rehabilitation and Renovation Projects*
- *Ephemeral Architecture Projects (stands, modules for fairs, exhibition design, stage design, set design, etc..)*
- *InteriorDesign*
- *Project Management*
- *Site Management*
- *Technical Studies of existing buildings*
- *Energy Studies in existing buildings (energy gains and losses, natural lighting, air flows, guidelines and sunlight)*
- *3D Infographics*
- *Creation of online interfaces for architectural and real estate projects*

ENGINEERING

Like all the projects in the office, we work engineering creating specific multidisciplinary teams for each project depending on the customer needs. We try to go further in each project to providing creative and efficient solutions in terms of energy consumption, materials and other resources such as water, all of which affect project economics and reduce environmental impact. Our services are:

- *Calculation of structures*
- *Electrical systems: traditional systems and renewable energy systems (photovoltaic and thermal)*
- *Electromechanical.*
- *Sanitary facilities: traditional systems and systems that take into account the capture, saving and water recycling.*
- *Firefighting Systems.*
- *Implementation of Air Conditioning.*
- *Budgets.*
- *DOMOTIC*

DESIGN

Our design takes care of every detail. We use the latest design software and all the technology available for us: 3D Printers and CAD-CAM equipment like laser cutters and industrial milling machines. We offer the following services:

- Diseño Web: HTML + CSS.
- Diseño Gràfico: creaciòn de logos, maquetaciones, presentaciones, tarjetas personales, afiches, etc....
- Diseño de Visuales y Vídeo: proyectos artìsticos, publicitarios y corporativos.
- Diseño de Packaging.
- Diseño de Cubiertas para libros.
- Diseño de Mobiliario.

COURSES

In addtion of using a long list of digital tools we also offer courses where we teach to handle them. We have a commitment with the students through their learning. Our courses are essentially practical. We offer following courses:

- Photoshop
- Illustrator.
- Autocad 2D and 3D.
- 3DMax.
- Revit
- Rhinoceros.
- Grasshopper.

SOME REFERENCES

POLITÉCNICA

ETS ARQUITECTURA de MADRID

¡MADRID!

LA NOCHE EN BLANCO
MADRID 11.09.2010

MINISTERIO DE VIVIENDA

U.S. DEPARTMENT OF ENERGY
SOLAR DECATHLON

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