ISETIA CASE STUDY DCB



DESIGN & ARCHITECTURE

WE BELIEVE
IN THE POWER OF DESIGN



In DCB we are consistently striving, pushing limits and reaching for the unimaginable – within the boundaries of imagination and design as well as in the details for calculation and execution. Our collective wealth of design and planning experience comes from the variety of projects we have worked out and marks all of our work. We believe and design for excellence in every element of project, taking into consideration that aesthetics, usability, sustainability, economics and schedule are all essential to the success of project.

Our 3 decades of experience give us insight into what works and what doesn't. We design for tomorrow's requirements, keeping an educated eye out for potential needs in the future and the flexibility it might require, with a diversification that will always thrive and keep safe our clients investments and developments.

DCB has worked independently in Qatar also with international firms from all over the World to build projects that respond to clients' desires, bringing together a balance of aesthetics, economy, and sustainability. We have provided services for sectors including sports, hospitality, healthcare, commercial, corporate, retail, mixed-use, residential, industrial, religious and culture.

www.isetia.com



ISETIA

DCB

ISETIA CASE STUDY DCB



DESIGN & ARCHITECTURE

VERY HIGH **REQUIREMENTS**

"Our need was to have a flexible and user friendly, professional construction project management system which helps all of our processes in Common Data Environment." Sara Sharaf, Design Manager, DCB "DCB's professional services have a wealth of experience in all stages of design - concept, schematic and detailed design offering expertise in architecture, master planning and urban design, landscaping, structural, electrical also mechanical engineering. We follow up and obtain all required authority approvals at all stages of the design. We needed to operate the design and preconstruction phase by using a Common Data Environment to create a shared view of all activities, dependencies, deadlines and inquiries. This would eliminate data silos, streamline review cycles and extract real-time data for design coordination and review, quantity-take-off also mark-ups."

Mentioned above type of works requires very advanced planning and control, where you have multi projects with different teams. ISETIA is a powerful management tool for both design and construction. ISETIA provides requested by DCB the Common Data Environment, which is the single source of information used to collect, manage and disseminate documentation, the graphical model and non-graphical data for the whole project team (i.e. all project information whether created in a BIM environment or in a conventional data format). Creating this single source of information facilitates collaboration between project team members and helps to avoid duplication and mistakes.



WHY ISETIA **IS PERFECT SOLUTION FOR DCB?**

ISETIA BIM Viewer helps for preconstruction project visualization.

ISETIA Platform become the core of DCB collaboration process and has the most prominent role in the projects. The latest version of documents is easily accessible by all project stakeholders.

Software is the right technology to solve design permission and approval process challenges. With ISETIA Analytic, DCB team can easily see deliverable status number in category of approved, rejected, approved with comments. Each team member can always count how many documents are submitted and how many documents will be submitted and when. Tool is not only tracking status of deliverables but also can plan submittals and transmittals.

Presently architecture, civil engineering and construction team working together during the design and construction process. Collaboration in ISETIA Platform is paramount for the project's success.

Thanks to ISETIA implementation DCB reduced the time and effort required to check, version and reissue information.
ISETIA helps DCB to coordinate checks (ensuring models are correct and issues like clashes between models are not evident) which are a by-product of the detailed design production process.

Finally Cost Reduction and Risk Mitigation became possible.

www.isetia.com

ISETIA

DCB

ISETIA CASE STUDY DCB



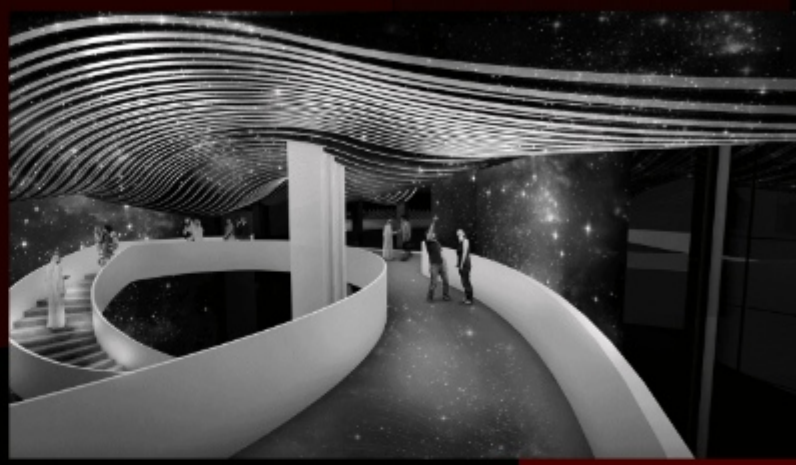
DESIGN & ARCHITECTURE

COST **SAVING**

"The biggest benefit we've seen with ISETIA is that a lot less rework is required on site while the paperless aspect of our new workflow has shown massive savings." Kiran Kumar, Document Controlling Manager, DCB "The company has seen an impressive saving of around 30% over the total cost of a project by eliminating the need to purchase paper and ink or having to maintain printers. In terms of direct cost saving, Kiran Kumar says, we save just over 80% on the administration costs of a project by not having need to print anymore".

A further saving of 65% on laying out drawings were realized while the company now save 40% of their time, per project, on reviews, compared to before they implemented ISETIA. DCB presently submits online over 5,000 document deliverables which are over 10,000,000+ pages. They only store originals and operate on electronic copy during project execution. DCB also offers construction and project management services including contract procurement services, feasibility studies, cost estimation and quantity surveying, construction supervision, and value engineering.

"ISETIA provides platform where all of us connects in the same CDE with all project participants and all process to be recorded, distributed and resolved at a lower cost, resulting in a more efficient team delivery and happier clients." Mohammed Ali Sharaf, Deputy General Manager, DCB



EVEN MORE **COSTS SAVINGS**

DCB carefully analyzes their savings. They found out that after implementation of count on that ISETIA helped decreasing 30% of rework on construction side. Unnecessary movement of team and resources has been minimized. Parallelly DCB reduced approximately 8% of construction material waste and finished unnecessary material handling.

With ISETIA, on behalf of the client, DCB follows up material and vendor selection process, digitalized quality and project handover process. Material approval process is very important for their project life cycle as well as integrating supply chain. DCB presently coordinates in Common Data Environment.

DCB

MORE INFORMATION
info@isetia.com
www.isetia.com

ISETIA