



VIRTUAL DESIGN | DIGITAL CONSTRUCTION | BUILDING INFORMATION MODELING



## NIKA

is a leader in its sector,  
aims to be a strong and  
respected world company.

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Consultancy and project management services provided to many companies in the field of digital construction management consultancy. We provide solutions and services to the construction sector in all areas with BIM and Digital Construction as well as planning, business intelligence, budget applications, mobile applications, document and information management, design services, VR/AR services that will help companies thrive in the competitive environment.



## WHO WE ARE

Nika; is a leader in it's sector and aims to be a strong and respected world company.

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## OUR VISION

Our vision is to make BIM, the future of construction technologies, accessible around the world.

10 COUNTRY COVERED

70 COMPLETED CASES

10 YEARS OF EXPERIENCE

80 SATISFIED CUSTOMERS



## FUTURE-READY BIM & DIGITAL CONSTRUCTION PHILOSOPHY



### INNOVATION DRIVEN

We embrace cutting-edge BIM, AI, and digital twin technologies to redefine construction processes. By leveraging automation, cloud collaboration, and real-time data, we ensure our clients stay ahead of the curve in an ever-evolving industry.



### SMART & EFFICIENT EXECUTION

Our approach is built on data intelligence and lean methodologies. We optimize project planning, cost control, and resource allocation using 4D/5D BIM, digital workflows, and AI-driven simulations, minimizing risks and maximizing productivity.



### SUSTAINABLE & IMPACTFUL DESIGN

We believe in sustainable construction powered by BIM-based energy analysis, carbon footprint tracking, and material efficiency modeling. Our mission is to build smart cities and eco-friendly infrastructures with data-backed precision.



### IMMERSIVE DIGITAL EXPERIENCE

From VR/AR-enabled design visualization to AI-assisted project monitoring, we bridge the gap between the physical and digital worlds, making construction more interactive, data-driven, and efficient.

# WHAT is BIM & Digital Construction?

## BIM

BIM is a collaborative process that integrates 3D models with valuable data, enabling better planning, coordination, and decision-making throughout a project's lifecycle. It enhances efficiency, reduces costs, and minimizes risks by creating a digital twin of the built environment.

Digital Construction takes BIM to the next level by incorporating advanced technologies such as 4D (time-based planning), 5D (cost estimation), AI-driven analysis, reality capture, and cloud-based collaboration. This holistic approach ensures greater accuracy, improved productivity, and seamless project execution.



3D BIM Modeling



3D Visualisation



Laser Scan to BIM



7D Asset Management



CAD to BIM



ISO 19650



BEP



4D Planning



5D Cost Management



AI-driven Analysis



Reality Capture



Cloud-based Collaboration



VR/AR Technologies



IOT

## DIGITAL CONSTRUCTION

At Nika BIM & Digital Construction, we specialize in delivering cutting-edge BIM services tailored to the needs of contractors, developers, and investors. From model-based coordination to digital project management, our expertise helps clients achieve smarter, faster, and more cost-effective construction workflows.

## WHY BIM & Digital Construction?

### THE FUTURE OF SMART & INTEGRATED PROJECT MANAGEMENT

In the digital era, construction is no longer just about bricks and mortar - it's about data-driven intelligence, automation, and seamless digital workflows. Traditional project management methods are outdated, leading to inefficiencies, cost overruns, and communication gaps.

At Nika BIM & Digital Construction, we bridge the gap between technology and construction by enabling fully integrated, data-centric workflows that ensure seamless collaboration, efficiency, and smart decision-making.

- 50% Faster Project Delivery with optimized workflows
- Up to 30% Cost Reduction by eliminating inefficiencies
- 80% Less Rework due to real-time clash detection & coordination
- Smart Asset & Facility Management through BIM-based Digital Twins



### TOP IN-DEMAND SERVICES

**3D BIM Modeling & Revit Family Creation** – Accurate & intelligent models for design & execution

**Laser Scan to BIM (Point Cloud to Revit)** – High-precision as-built modeling & digital documentation

**4D BIM & Digital Scheduling** – Time-based simulation & advanced construction planning

**5D BIM & Cost Management** – Accurate budget estimation & financial control

**Digital Twin & Smart Asset Management** – Real-time monitoring & predictive maintenance

**Reality Capture & As-Built Verification** – AI-driven progress tracking with OpenSpace

**BIM Coordination & Clash Detection** – Seamless collaboration for error-free execution

**Construction Automation & AI-Powered Analytics** – Process optimization with AI & IoT

**Cloud-Based BIM Collaboration** – Connected teams with real-time model updates

**Unreal Engine & Twinmotion Visualization** – High-quality real-time renderings & immersive VR experiences



“ This is not the future—it is happening now! Nika BIM & Digital Construction pioneers this new era of fully digital project execution by integrating AI, automation, and BIM-based intelligence into every stage of construction. ”

**Akif IBRAHIMOGLU**  
Owner of NIKA BIM DIGITAL CONSTRUCTION

## WHAT IS 4D Digital Twin?

A 4D Digital Twin combines 3D BIM models with scheduling data to create real-time project simulations. This allows teams to visualize progress, predict challenges, and optimize workflows effectively.

With Unreal Engine & NVIDIA Omniverse, we provide high-quality interactive environments for better decision-making.

## WHY USE 4D Digital Twin?

- Real-time project visualization using high-fidelity 3D environments.
- AI-driven risk and delay prediction to optimize schedules.
- Seamless cloud-based collaboration for teams and stakeholders.
- BIM & IoT integration for accurate site monitoring.
- VR & AR experiences to preview construction phases.



# 4D DIGITAL TWIN



## Our 4D Digital Twin Services

- **Unreal Engine & NVIDIA Omniverse Visualization**  
Immersive 4D Simulations
- **AI & IoT-based Tracking**  
Real-world Data in a Digital Environment
- **Digital 4D Advanced Simulation**  
Advanced 4D Modeling
- **VR Walkthroughs & AR Presentations**  
Interactive Project Reviews

## From BIM to Reality The Essential Tools for 4D Digital Twin



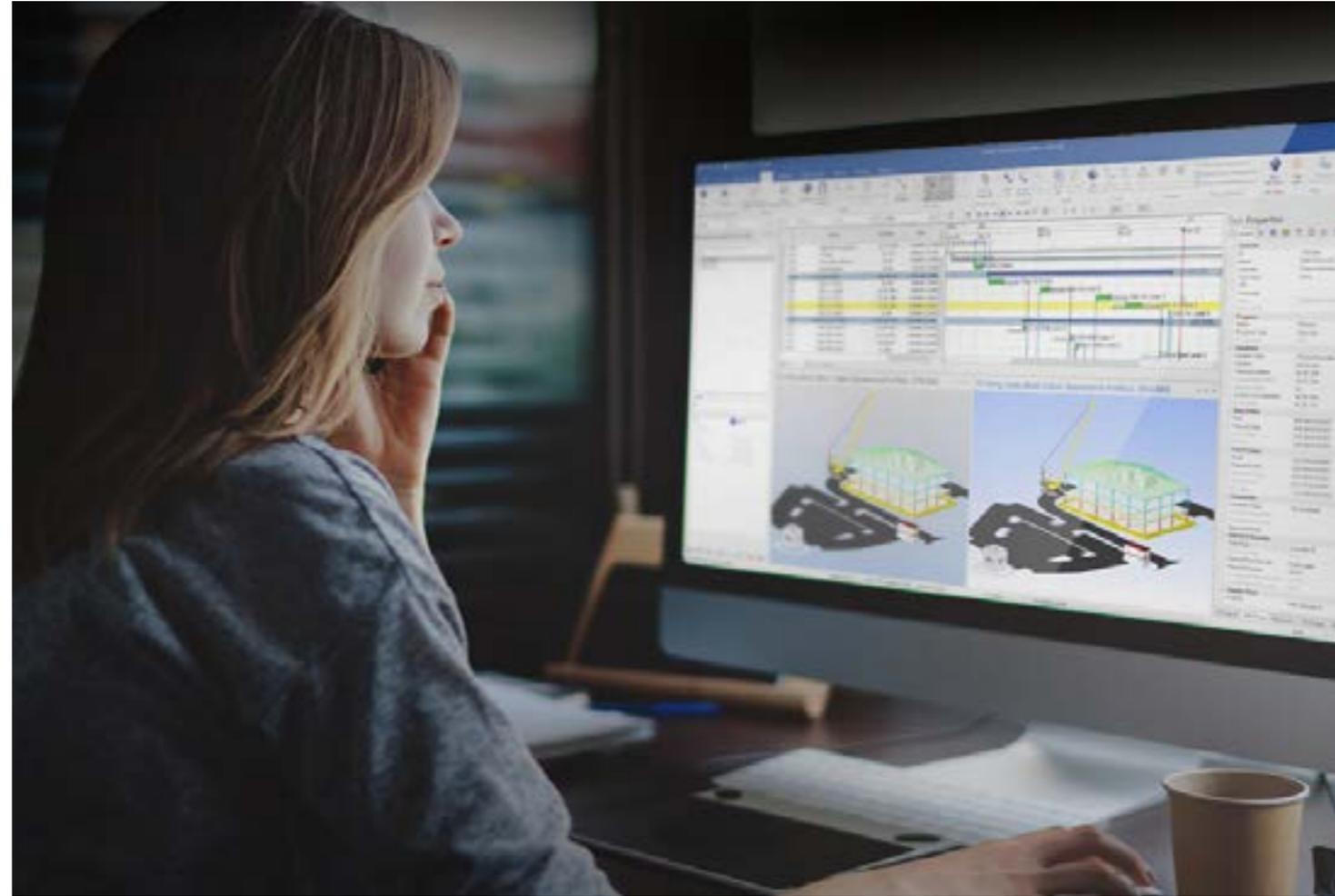


SYNCHRO ENABLES CONSTRUCTION PROJECT TEAMS TO WORK **FASTER, BETTER AND SAFER**

To deliver successful projects, project teams should be empowered with the right digital solutions to simplify tasks and meet deadlines and budgets - all while keeping everyone connected and on the same page.

# SYNCHRO 4D

A real-time cloud solution that enables digitally enhanced construction planning and operations. As the only platform that interoperates with all major 2D/3D modeling and scheduling tools in the market, you can count on SYNCHRO 4D to handle the most simple to complex construction projects.



## Our experienced consulting programs will allow you to...

- Work fewer hours - and make more money
- Attract and retain quality, high-paying customers
- Manage your time so you'll get more done in less time
- Hone sharp leadership skills to manage your team
- Cut expenses without sacrificing quality
- Automate your business, so you can leave for days, weeks, or even months at a time
- Leverage the powerful CPM scheduling engine
- Manage your tasks and data in real time

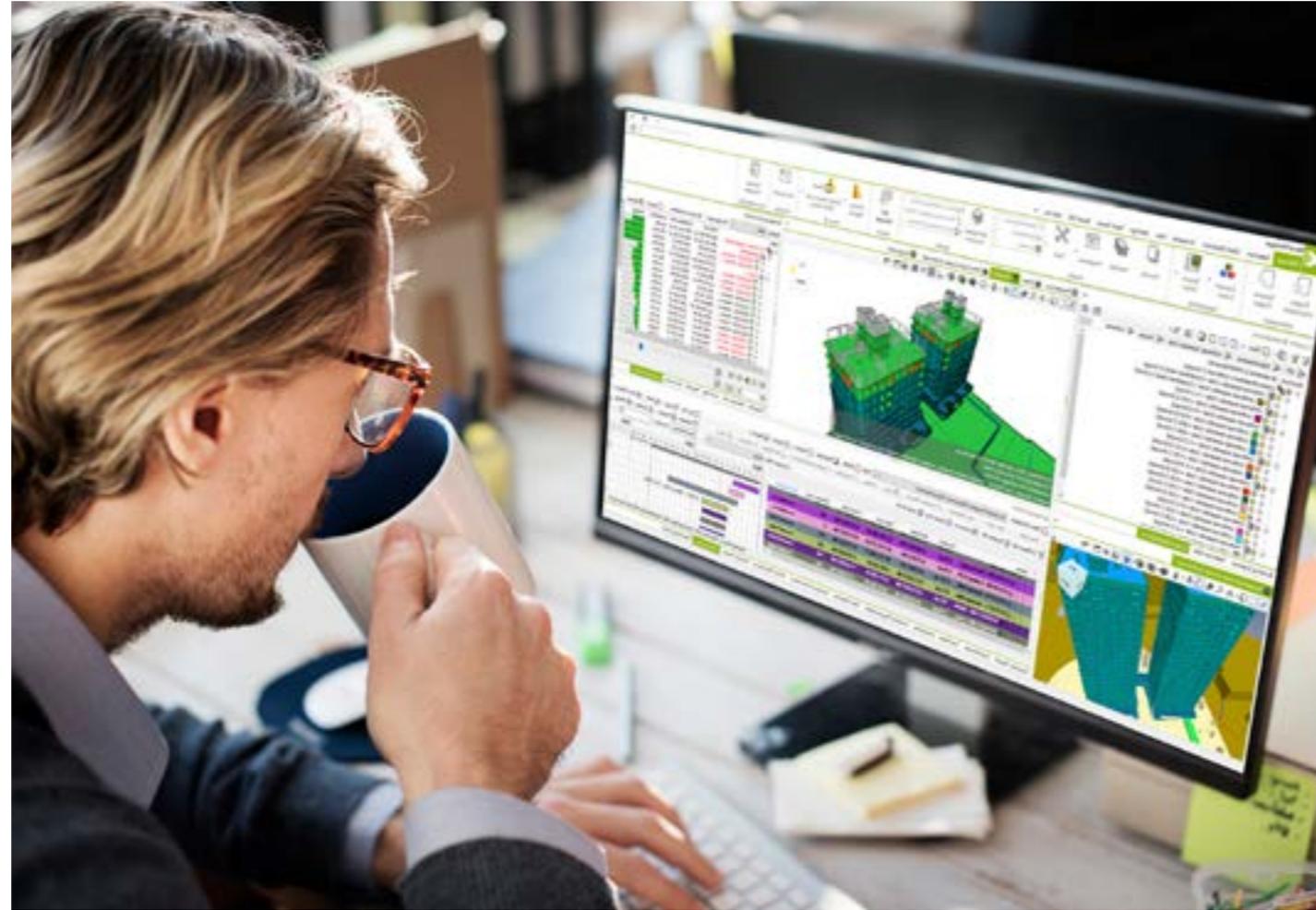


**THE MOST EXTENSIVE  
BIM SOFTWARE SOLUTION**

# BEXEL MANAGER

A premium BIM solution providing the most comprehensive set of features for advanced 3D visualization, model data management, clash detection, automated QTO, cost management, smart scheduling and progress monitoring.

With extensive data analysis and reporting tools BEXEL Manager empowers all project stakeholders to make informed data-driven decisions based on real-time data.



## INTEGRATED CLOUD-BASED ECOSYSTEM

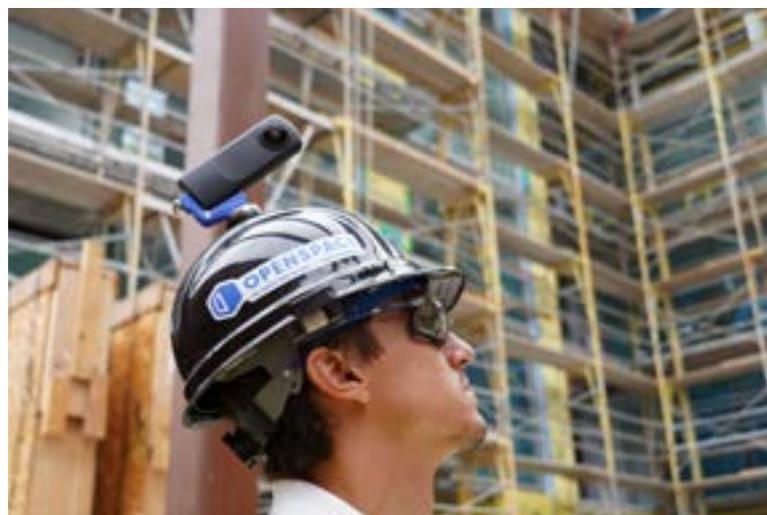
**Construction Planning & Cost Management  
in a Single BIM Application**

Smart Cost management workflow automatically generates cost classification based on knowledge bases, auto assigns cost items to BIM elements, and creates Cost Estimate.



## YOUR JOBSITE, FULLY CAPTURED

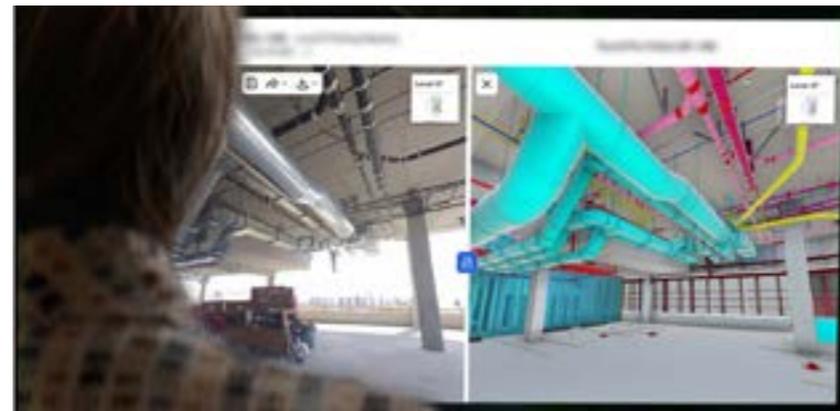
Reality capture and AI-powered analytics for builders—from preconstruction to operations.



# OPENSOURCE

Capture.  
Understand.  
Take Action.

Attach a camera, tap record in our app, then walk the site like you normally do—or capture any other way you want. The OpenSpace Vision Engine maps photos to your plans automatically. And it's lightning fast, view your images in about 15 minutes—not hours, not days. Get a complete, as-built record of the building from preconstruction to handover and operation.



## UNDERSTAND YOUR JOB LIKE NEVER BEFORE

With OpenSpace reality site capture, your site is completely documented, all the time. Stay on top of progress, verify work-in-place, improve coordination, and reduce risk with tools like BIM Compare and Split View, and products like OpenSpace BIM+ and OpenSpace Track.



## TAKE ACTION TO KEEP YOUR PROJECTS MOVING

With features like Field Notes you can easily communicate changes, document QA/QC, and streamline punch lists and RFIs—at the jobsite or in the office. Powerful integrations deliver streamlined workflows whether you're in the OpenSpace platform or your project management software.



## UNLOCKING INSIGHTS THROUGH DATA

Oracle-Powered Project  
Management Solutions

# ORACLE

## Transforming Construction Project Management with Oracle

Modern construction projects require efficient planning, seamless collaboration, and real-time document control. As an Oracle Partner, we provide industry-leading project management solutions using Primavera, Aconex, and Unifier to optimize workflows and enhance project efficiency.



## WHY CHOOSE ORACLE PROJECT MANAGEMENT SOLUTIONS?

### Primavera P6

Advanced project scheduling, resource management, and risk analysis.

### Oracle Aconex

Secure document management, streamlined communication & workflow automation.

### Oracle Unifier

Cost control, contract management, and asset lifecycle tracking.

### Seamless Integration

Connecting project teams through a unified cloud platform.

### Real-Time Collaboration

Keep all stakeholders aligned with up-to-date project information.

### Risk Mitigation & Compliance

Ensure projects meet regulatory standards and deadlines.



## OUR ORACLE-BASED SERVICES

### Primavera P6 Implementation & Support

Project scheduling and performance tracking.

### Aconex Training & Deployment

Document control and seamless communication solutions.

### Unifier Cost & Contract Management

Asset lifecycle management for better financial control.

### Integration with BIM & 4D Digital Twin

Bringing advanced visualization and project execution together.

### Workflow Automation & Cloud Solutions

Automating manual processes for increased productivity.

# REFERENCES

**EUROPEAN  
INVESTMENT  
BANK  
PROJECT**

**TRD &  
PETROFAC**

**ZIRAAT BANK  
INTERNATIONAL  
FINANCE CENTER  
PROJECT**

**NEOM  
THE VAULT  
PROJECT**

**AL THUMAMA  
STADIUM**

**SWEDEN  
SODERTALJE  
LOCK  
PROJECT**

**ACIBADEM  
PROJECT  
MANAGEMENT**

**F1 SPEED  
PARK TRACK  
PROJECT**

# F1 SPEED PARK TRACK PROJECT

**CLIENT**

Çimtaş-MetalYapı JV

**OWNER**

Qiddiya City

**LOCATION**

Saudi Arabia

**OUR SERVICES**

Providing Advanced 4D Visual Scheduling Consultancy

Providing 4D Training and Technical Consultancy

Providing 4D BIM BEP Service



# NEOM THE VAULT PROJECT

**CLIENT**

Limak-Çimtaş-Metalyapı JV

**LOCATION**

NEOM

**OUR SERVICES**

4D/Visualise the Progress of Activities

Model-Based Scheduling Service

Preparing 4D Simulations for all Project Scenarios

High-quality Real-time Renderings & Immersive VR



# SWEDEN SODERTALJE LOCK

One of Sweden's  
Largest Port

## PROJECT

**CLIENT**

Ballast Nedam International

**EMPLOYER**

Sweden The Saint Lucia Air and Sea Ports

**LOCATION**

Sweden

**OUR SERVICES**

Prepare 4D Visual Scheduling  
Synchronization Updated Oracle Primavera  
Prepare 4D BIM Method Statement Animation



SELECTED REFERENCES

# IBB METRO ISTANBUL PROJECT

## CLIENT

Istanbul Municipality Metro Istanbul A.Ş.

## LOCATION

Istanbul

## OUR SERVICES

End-to-End BIM ISO 19650 Process Management

Multidisciplinary BIM Coordination

Client Representation in Meetings

BIM Model Quality Assurance & Compliance

Structural LOD 300-350 Revit Modeling



# ACIBADEM PROJECT MANAGEMENT

Turkey's Largest  
Health-Hospital Group

## CLIENT

Atasehir Acibadem Hospital and Office Project

## LOCATION

Istanbul, Türkiye

## OUR SERVICES

4D/5D BIM Planning System Implementation

4D/Visualise the Planneec - Actual Progress of Activities

5D/Manage and Calculate the Costs

Synchronization Oracle Primavera & Autodesk Revit to Synchro Pro



# TRD & PETROFAC

One of the Most Important Refinery  
in the Middle East and North Africa

**CLIENT**

Inco Group

**EMPLOYER**

Duqm Refinery Project

**LOCATION**

Duqm, Oman

**OUR SERVICES**

Integrated Project Delivery Management

4D/Visualise the Progress of Activities

5D/Manage and Calculate the Costs

Oracle Primavera and Synchro Pro Implementation

Scheduling Service

PowerBI Advancing Reporting

Quantity Take Off



# AL THUMAMA STADIUM

Qatar National Football Planning  
for the 2022 World Cup

<b>CLIENT</b>	Tekfen Engineering
<b>CAPACITY</b>	40.000m <sup>2</sup>
<b>LOCATION</b>	Qatar
<b>OUR SERVICES</b>	LOD400 Architecture BIM Modelling & Coordination Shopdrawing



SELECTED REFERENCES

# ZİRAAT BANK INTERNATIONAL FINANCE CENTER PROJECT

**CLIENT**

Kalyon Construction

**CONSULTANT**

Turner Construction

**LOCATION**

Istanbul, Türkiye

**OUR SERVICES**

LOD400 MEP BIM Modelling, Coordination

Shopdrawing

Technical Specification, Tender Documentations & BOQ





[www.nikabim-dc.com](http://www.nikabim-dc.com)