



**ASSET**  
BIM CONSULTANT  
Finding real world **Solutions**



# COMPANY PROFILE

**ASSET**

# CEO

## Message

I am pleased to welcome you to **ASSET** BIM Consultant Portfolio. Whether you're a potential customer with a challenging project ahead, an existing customer checking upon our latest news; or a partner, supplier of future employee looking for a new opportunity, I trust you'll find what you are looking for here.

**ASSET** BIM Consultant is a company that is a Driving Progress and, with our customers and partners, building better communities through Safe, Smart, Efficient Designs something we have been doing consistently since 2018.

Our Progressive Thinking on creative approach is what makes us stand out from the market. That's why our projects consistently feature the best ideas and finishing and why so many of our customers keep coming back to us.

We have a clear vision of what we want to be - Leaders in Designs & Build with our new technology, I'm proud of the work we do and give you my personal commitment that we will deliver what we promise and do it safely and sustainably. Enjoy our Portfolio and feel free to contact your local Top Villa Architect office for any additional information.

**“Finding real world Solutions”**

Sincerely,  
**Hesham Saeed**



Co. Founder & CEO

# About **ASSET**

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- ➔ **ASSET** BIM Consultant provides Designs & Finishing services.
- ➔ We believe engineering is the most important profession in the World. Engineering impacts quality of life on a daily basis, and represents our best path forward for a sustainable future.
- ➔ Using BIM, **ASSET** provide strategic advising to building design professionals, contractors and owners seeking to supplant traditional project delivery methods through technology-driven process innovation.
- ➔ We help the building industry identify, implement and manage the technologies and business practices that enable more effective coordination, communication and collaboration.
- ➔ When COVID-19 hit, our work Designing and other service was considered essential. So even as other businesses stopped work, ours continued.

# MISSION STATEMENT

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- ➔ It's our mission at **ASSET** BIM Consultant to provide client focused service through our responsible practice of Architecture. Our tradition of dedication, professionalism and outstanding customer service is a testament to that mission as we strive each day for excellence in bringing our valued clients' ideas to life.

# VISION STATEMENT

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- ➔ To be viewed as a respected Design firm, providing high quality design and BIM services to our clients with honesty and integrity.

# PURPOSE STATEMENT

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- ➔ To serve our Clients and project partners with responsible responsive design that comes from attentive discussions and thoughtful solutions, to produce the projects our clients desire.

# VALUES

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- ➔ Never forget, our clients and partners are why we exist. Provide each and every one of them with an excellent customer experience.
- ➔ We are a learning organization, committed to self-improvement, with a constant commitment to strengthening the firm, our team, and our relationships with our partners.
- ➔ We have mutual respect for all contributors, and foster a collaborative and approachable environment with all of our staff, and with our clients and partners.
- ➔ We support the communities we work and live in.
- ➔ We accept the role as trustee for a healthier, most sustainable environment.

# SERVICES

# Asset SERVICES

BIM CONSULTANT

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- ➔ **ASSET** BIM Consultant provide engineering services and expertise to companies in need of a specialized skill-set. **ASSET** BIM Consultant company has experienced engineers able to provide short-term technical advice for a fee using our technologies and software's. Consulting professionals work with clients to define solutions to problems or to help determine and recommend the best course of action for a given initiative. Engineerir time, effort, and money for companie or expertise for handling a specific tas

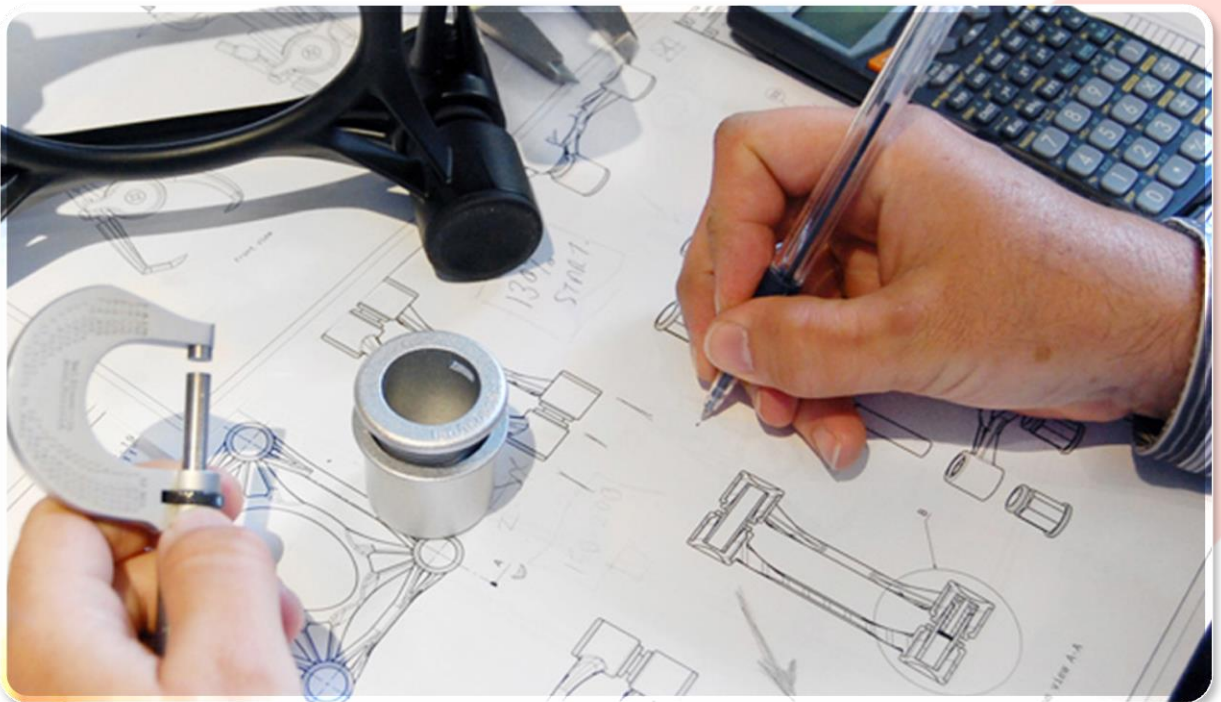


## CONSULTANT SERVICES

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### Conceptual Design

is an early phase of the design process, in which the broad outlines of function and form of something are articulated. It includes the design of interactions, experiences, processes, and strategies. It involves an understanding of people's needs - and how to meet them with products, services, and processes. Common artifacts of conceptual design are concept sketches and models.





## CONSULTANT SERVICES

### Architectural Design

is a concept that focuses on components or elements of a structure. An **architect** is generally the one in charge of the **architectural design**. They work with space and elements to create a coherent and functional structure

We provide full-service planning, specializing in large-scale buildings, including feasibility studies, master planning, conceptual and detailed design, architecture, and construction services.



## CONSULTANT SERVICES

### Interior Design

**Interior design** is the art and science of enhancing the interior of a building to achieve a healthier and more aesthetically pleasing environment for the people using the space. An **interior designer** is someone who plans, researches, coordinates, and manages such enhancement projects. Interior design is a multifaceted profession that includes conceptual development, space planning, site inspections, programming, research, communicating with the stakeholders of a project, construction management, and execution of the design.



## CONSULTANT SERVICES

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### Structural Design

is the methodical investigation of the stability, strength and rigidity of **structures**. The basic objective in **structural** analysis and **design** is to produce a **structure** capable of resisting all applied loads without failure during its intended life

We provide full-service designing, specializing in large-scale buildings, including feasibility studies, master planning, analysis and detailed design, structure, and construction services.



## CONSULTANT SERVICES

### MEP Design

MEP or Mechanical, Electrical, and Plumbing is an important part of building project required for creating a safe and comfortable environment inside the building.

We provide full-service designing, specializing in large-scale buildings, including feasibility studies, master planning, analysis , calculations and detailed design, mechanical , electrical , and construction services.



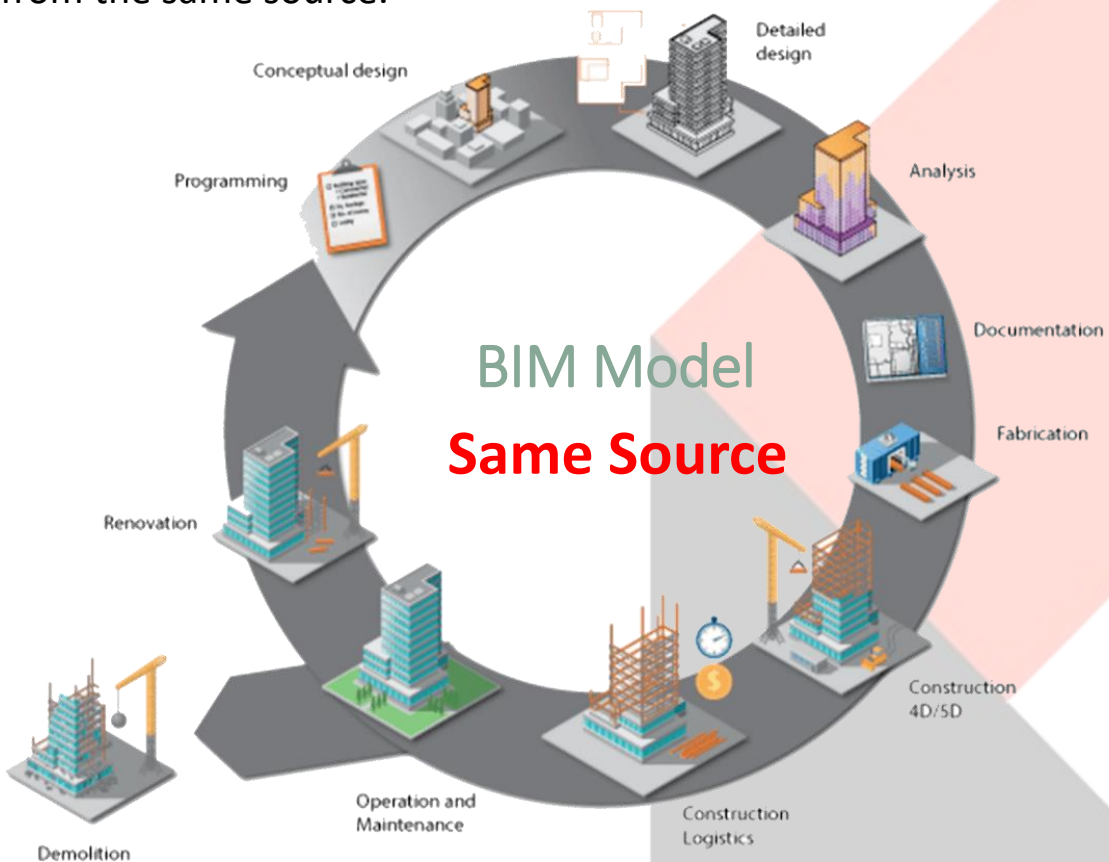
## BIM SERVICES

### What is BIM ?

BIM is a process for creating and managing information through an intelligent 3D model that gives the insight and tools to more efficiently plan, design, construct, maintenance even to demolition through the whole lifecycle of any project such as buildings, infrastructures, bridges, tunnels and Roads.

### Why BIM ?

- BIM facilitate a better way for project's stalk holders to collaborate more effectively because the information is standardized and available for the entire life cycle of the project from the same source.



## BIM SERVICES

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### → 3D BIM MODEL

Building Information Modeling (BIM) is an intelligent 3D model-based process that gives architecture, engineering, and construction (AEC) professionals the insight and tools to more efficiently plan, design, construct, and manage buildings and infrastructure.

### → COORDINATION & CLASH REPORTS

This is one of most widely used features of BIM. Our customized clash reporting formats and clash tracking systems aid in accurate detection of clashes.

Our extensive experience of working with multiple CAD and BIM platforms empower us to deliver a clash-free MEP model for your building. We empower MEP contractors and consultants in carrying out efficient installation of MEP systems by avoiding any reworks or material wastage.

### → BILL OF QUANTITY SCHEDULES (BOQ)

BOQ and BOM help project planners and contractors in understanding the inventory requirements associated with a project. While BOM is related to the list of inventory, including raw materials, parts, components, etc., BOQ lists the total number of materials required to complete a project.

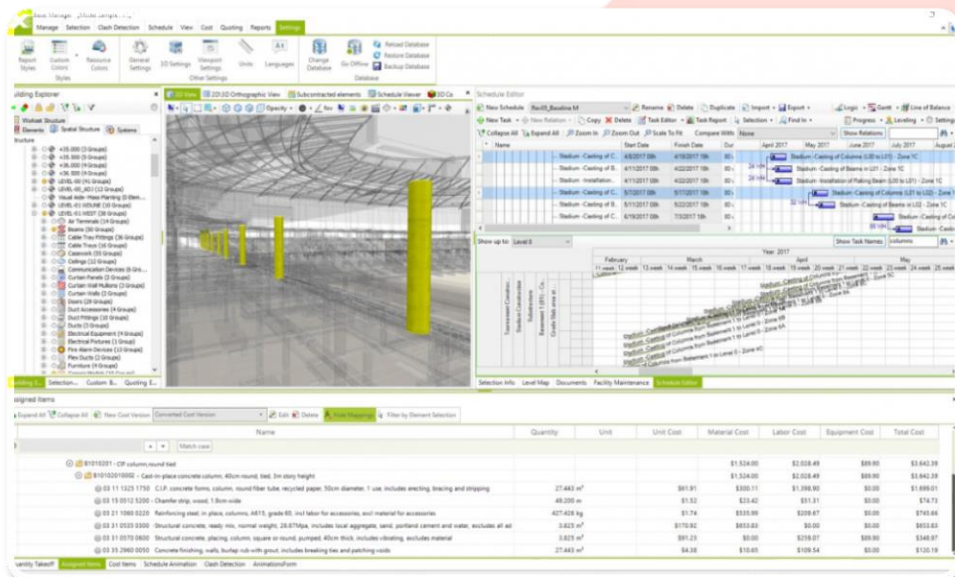
## BIM SERVICES

### ➔ CONSTRUCTION SEQUENCING (4D)

4D Construction sequencing is a great tool for on-site construction. This process helps in understanding the time line and schedule of construction phase wise. With the help of BIM Modelling, we can actually link the construction elements across Architectural, Structural and MEP discipline to create a complete sequence of building...

### ➔ COST ESTIMATION (5D)

A 5D estimate is a BIM linked to construction cost estimation through material quantities that are automatically generated from the data within the model. 5D Estimation improves budgeting, provides cost-loaded schedules, and displays multiple interactive forecasts to make agile comparisons. When the design is changed, cost adjustments are calculated in real time. This enables general contractors to help the owner improve design with value-engineering decisions.



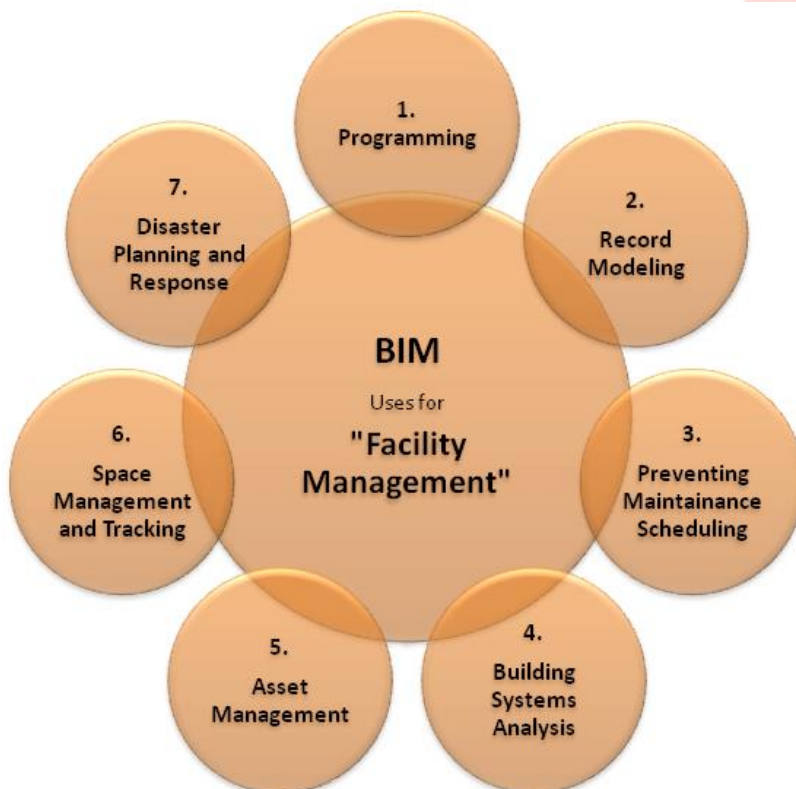
## BIM SERVICES

### ➔ SUSTAINABLE DESIGN (6D)

With 6D Sustainability BIM you easily monitor factors of importance to LEED ... 6D BIM focuses on sustainable and cost-effective construction and design.

### ➔ FACILITY MANAGEMENT (7D)

Virtual Building Studio delivers 5D models when a construction project is ready to be closed-out. The "As-Built" BIM model contains all relevant building component information such as product data and details, maintenance/operation manuals, cut sheet specifications, photos, warranty data, web links to online sources of the product, manufacturer information and contacts.





## BIM SERVICES

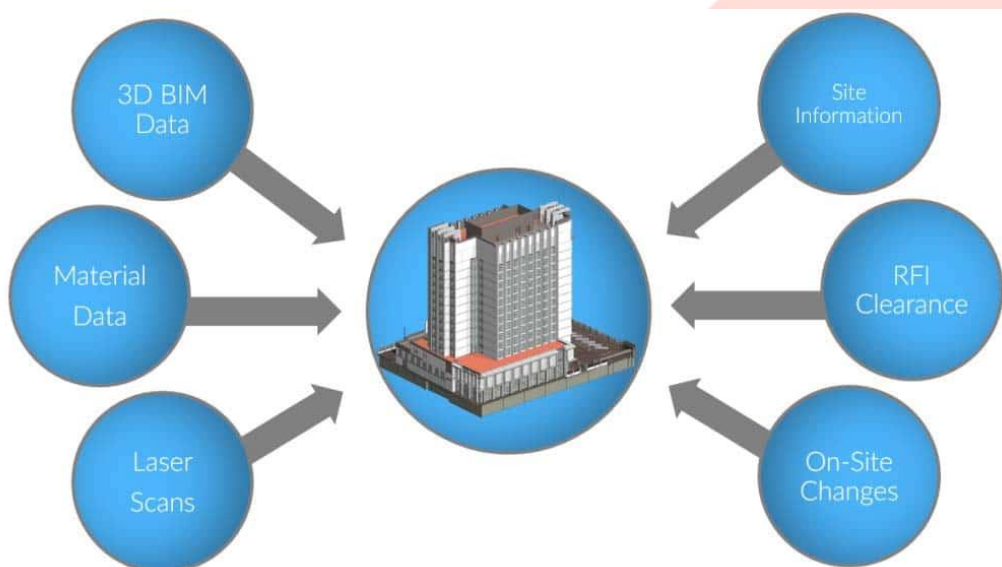
### → Documentations

After finishing the model full detailed we can go to the other step to generate all documentation that may help all the staff in the site (engineers , supervisors , workers , ..... )

- Architecture Shop Drawing
- Structure Shop Drawing
- Electrical Shop Drawing
- Mechanical Shop Drawing

### → AS BUILT MODEL

By utilizing As-Built drawings and/or sub-contractor mark-ups, ENGworks incorporates the information into the BIM to generate As-Built models.



## BIM SERVICES

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### → VIRTUAL REALITY

An actual BIM subject that requires research, practical application and software adaptation, is the integration of BIM with virtual reality (VR) technology. Current VR devices allow the user to visualize a virtual world and to interact with the virtual space and its components.

### → AUGMENTED REALITY

Augmented reality (AR) is a technology that allows you to visualize and replace the attributes in computer-generated models created in CAD or building information modeling (BIM) software.



# PROJECTS

# PROJECTS

## ALRAYAN HOTEL



### → Project Details :

Client : Alburuuj

Owner : Sallam African Bank

Owners Consultant : Alburuuj  
Consultant

Contractor : Alburuuj Construction

BIM Unit : **Asset** BIM Consultant

Alrayan Apartment Hotel is big Project located in Djibouti , Harmous, Consist of 6 Towers , every tower contain 7 floors every floor contain 5 apartments and the commercial area located in GR+MZ Floors which contain (Gyms , Exhibitions, Restaurants , Bank ..... ) with total built up area 25,000 m2

### → Asset Scope Of Work :

- Asset team scope of work was .
- H-VAC Design , Shop Drawing
  - Fire Fighting Design , Shop Drawing
  - Plumbing Design , Shop Drawing
  - Structure Shop Drawing
  - Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation
  - Procurement
  - Virtual Reality
  - Augment Reality

# PROJECTS

## SIEMENS PSSC



### ➔ Project Details :

Client : Siemens

Owner : Siemens

Contractor : Rwad Modern Engineering

Owners Consultant : Cosmos-E

BIM Unit : Smart Building Solution

BIM Support : **Asset** BIM Consultant

Siemens Power Station Service Centre consist of administration building two floor and roof area for MEP equipment & Factory Area with 13 m height

### ➔ Asset Scope Of Work :

- Asset team scope of work was .
- Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation

# PROJECTS

## Residential commercial in KSA



### ➔ Project Details :

Client : La Plaza

Owner :Global National

Contractor : Rava

Consultant : **Asset** BIM Consultant

Residential commercial in KSA

Consist of 5 floors + Roof

with total built up area 18000 m2

### ➔ Asset Scope Of Work :

Asset team scope of work was .

- Architecture Design
- Full Modeling For All Discipline
- Coordination
- BOQ

# PROJECTS

## SALLAM VILLAGE



### ➔ Project Details :

Client : Alburuuj

Owner : Sallam African Bank

Owners Consultant : Alburuuj  
Consultant

Contractor : Gultken

BIM Unit : **Asset** BIM Consultant

Sallam village is big compound located in Djibouti , Venice road , Consist of 5 types of villa and commercial buildings area

### ➔ Asset Scope Of Work :

- Asset team scope of work was .
- H-VAC Design , Shop Drawing
  - Fire Fighting Design , Shop Drawing
  - Plumbing Design , Shop Drawing
  - Structure Shop Drawing
  - Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation
  - Procurement
  - Virtual Reality
  - Augment Reality

# PROJECTS

## MOUNTAIN VIEW



### ➔ Project Details :

Client : DMG

Owner : DMG

Contractor : DMC

Owners Consultant : DME

BIM Unit : Smart Building Solution

BIM Support : **Asset** BIM Consultant

Mountain view chill-out park is big compound located in 6<sup>th</sup> octoper city , Egypt and the project contain 9 types of villas & palaces

### ➔ Asset Scope Of Work :

- Asset team scope of work was .
- Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation



# PROJECTS

## AL-JUBAIL COMPOUND



### ➔ Project Details :

Client : IKK

BIM Unit : **Asset** BIM Consultant

AL-JUBAIL Compound located in Saudi Arabia al-jubail area , this compound was designed for low income and the structure system was LGS (Light Gauge Steel ) and all walls was insulated ..

This compound consist of 3 Types

1- Four Bed Room

2- Three Bed Room

3- Four Bed Room

With number of 80 villas

### ➔ Asset Scope Of Work :

Asset team scope of work was .

- H-VAC Design
- Plumbing
- Structure Design
- Architecture Design
- Full Modeling For All Discipline
- Coordination
- BOQ
- 4D Simulation
- 5D Simulation

# PROJECTS

## SALAM MOSQUE



### ➔ Project Details :

Client : Alburuj

Owner : Sallam African Bank

Owners Consultant : Alburuj  
Consultant

Contractor : Gultken

BIM Unit : **Asset** BIM Consultant

Sallam Mosque located in Djibouti ,  
Venice Road,  
Consist of 3 floors  
with total built up area 1,200 m2

### ➔ Asset Scope Of Work :

- Asset team scope of work was .
- H-VAC Design , Shop Drawing
  - Plumbing Design , Shop Drawing
  - Structure Shop Drawing
  - Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation
  - Procurement
  - Virtual Reality
  - Augment Reality

# PROJECTS

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## Infection Diseases Hospital (IDH)

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### ➔ Project Details :

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Client : Projacs

Owner : Ministry of Health Kuwait

Consultant : SEIF  
Engineering Consultant & ECG

BIM Unit : Smart Building Solution

BIM Support : **Asset** BIM Consultant

IDH is an international hospital built in Kuwait consists of one basement, ground and five floors.

### ➔ Asset Scope Of Work :

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- Asset team scope of work was .
- Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ

# PROJECTS

## MOASSER SCHOOL



### → Project Details :

Client : La Plaza

Owner :Global National

Contractor : Rava

BIM Unit : **Asset** BIM Consultant

Moasser School located in Somalie ,  
Maqdishue,  
Consist of 2 floors + Roof  
with total built up area 8300 m2

### → Asset Scope Of Work :

- Asset team scope of work was .
- Architecture Design
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation

# PROJECTS

## SALLEN APARTMENTS



### ➔ Project Details :

Client : Alburuuj

Owner : Sallam African Bank

Owner' s Consultant :  
Alburuuj Consultant

Contractor : Gultken

BIM Unit : **Asset** BIM Consultant

Sallen Apartment is Commercial ,  
Residential Project located in Djibouti ,  
Venice Road,  
Consist of 4 Building , every Building  
contain 5 floors every floor contain 4  
apartments and the commercial area  
located in GR+MZ Floors which contain  
( Exhibitions, Restaurants , Bank ..... )  
with total built up area 13,000 m2

### ➔ Asset Scope Of Work :

- Asset team scope of work was .
- H-VAC Design , Shop Drawing
  - Fire Fighting Design , Shop Drawing
  - Plumbing Design , Shop Drawing
  - Structure Shop Drawing
  - Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation
  - Procurement
  - Virtual Reality
  - Augment Reality

# PROJECTS

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## BALI ELGOUNA

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### ➔ Project Details :

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Client : PILLARZ DEVELOPMENT

Owner : PILLARZ DEVELOPMENT

BIM Unit : Smart Building Solution

BIM Support : **Asset** BIM Consultant

Bali El-Gouna is big compound located in Elgouna, Egypt and the project contain 11 types of villas

### ➔ Asset Scope Of Work :

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- Asset team scope of work was .
- Architecture Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ

# PROJECTS

## PRIVATE VILLA



### → Project Details :

**Client :** Alburuuj

**Owner :** Sallam African Bank

**Owners Consultant :** Alburuuj  
Consultant

**Contractor :** Gultken

**BIM Unit :** **Asset** BIM Consultant

**Private Villa located in Djibouti , Venice  
Road,**

**Consist of 2 floors + Roof  
with total built up area 3200 m2**

### → Asset Scope Of Work :

**Asset team scope of work was .**

- **H-VAC Design , Shop Drawing**
- **Plumbing Design , Shop Drawing**
- **Structure Design , Shop Drawing**
- **Architecture Design , Shop Drawing**
- **Full Modeling For All Discipline**
- **Coordination**
- **BOQ**
- **4D Simulation**
- **5D Simulation**
- **Virtual Reality**
- **Augment Reality**

# PROJECTS

## PRIVATE VILLA



### ➔ Project Details :

Client : La Plaza

Owner :Global National

Contractor : Rava

Consultant : **Asset** BIM Consultant

Private Villa located in Dubai , Sheikh zayed road .

Consist of 2 floors + Roof  
with total built up area 2200 m2

### ➔ Asset Scope Of Work :

Asset team scope of work was .

- Architecture Design
- Full Modeling For All Discipline
- Coordination
- BOQ



# PROJECTS

## SALLEN PLAZA



### ➔ Project Details :

Client : Alburuuj

Owner : Sallam African Bank

Owners Consultant : Alburuuj  
Consultant

Contractor : Gultken

BIM Unit : **Asset** BIM Consultant

Sallen Plaza located in Djibouti ,  
Venice Road,

### ➔ Asset Scope Of Work :

Asset team scope of work was .

- Architecture Design , Shop Drawing
- Virtual Reality
- Augment Reality

# PROJECTS

## 5 STAR VILLA



### ➔ Project Details :

Client : Alburuuj

Owner : Sallam African Bank

Owners Consultant : Alburuuj  
Consultant

Contractor : Gultken

BIM Unit : **Asset** BIM Consultant

5 Star Villa located in Djibouti , Venice  
Road,

Consist of 2 floors + Roof  
with total built up area 800 m2

### ➔ Asset Scope Of Work :

- Asset team scope of work was .
- H-VAC Design , Shop Drawing
  - Plumbing Design , Shop Drawing
  - Structure Design , Shop Drawing
  - Architecture Design , Shop Drawing
  - Full Modeling For All Discipline
  - Coordination
  - BOQ
  - 4D Simulation
  - 5D Simulation
  - Virtual Reality
  - Augment Reality

# PROJECTS

## DEWAN HOUSE



### ➔ Project Details :

Client : Alburuuj

Owner : Sallam African Bank

Owners Consultant : Alburuuj  
Consultant

Contractor : Gultken

BIM Unit : **Asset** BIM Consultant

Private Villa located in Djibouti , Venice  
Road,

Consist of 2 floors + Roof  
with total built up area 3200 m2

### ➔ Asset Scope Of Work :

Asset team scope of work was .


- H-VAC Design
- Plumbing
- Structure Design
- Architecture Design
- Full Modeling For All Discipline
- Coordination
- BOQ
- 4D Simulation
- 5D Simulation




**Asset**  
BIM CONSULTANT

 **Public security compound first settlement ,  
new Cairo , Egypt villa number 7G**

 **WWW.asset-bimconsultant.com**

 **00201151904237 // 00201016292352  
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