



SEVEN HANDS

For Engineering Services



ACCREDITED
Management Systems
Certification Body



ISO 9001:2015

About us

Delivering Excellence in Engineering: BIM, and Design Services Across the GCC and Egypt

Since 2019, SEVEN HANDS for Engineering Services has been a trusted name in Building Information Modeling (BIM) and design solutions, offering a wide range of services to support the construction industry.

We provide expert BIM services like 3D modeling, clash detection, project coordination, construction planning, and data management, helping to improve teamwork, reduce risks, and ensure smooth project delivery. Our architectural, structural, and MEP design services are tailored to meet our clients' needs, creating smart, efficient, and sustainable solutions.

Known for our dedication, expertise, and on-time delivery, SEVEN HANDS has completed major projects in Egypt, Saudi Arabia (KSA), UAE, and Qatar. Using the latest BIM technology and innovative design methods, we turn our clients' ideas into reality and help make every project a success.

Our Vision

Leading the Way in BIM and Design Services with Innovation and Sustainability

Our vision is to become a pioneer in BIM and Design Services, connecting people with the latest engineering technologies and delivering sustainable solutions that contribute to a better, safer, and more efficient future. By combining innovation with expertise, we aim to shape the future of construction and create lasting value for communities across Egypt and the Gulf region.

Our Mission Statement

Comprehensive Engineering Services with a Focus on Innovation and Leadership

At SEVEN HANDS, we specialize in providing a wide range of BIM and design services, including Architectural, Structural, Electrical, Mechanical, Hardware/Software Solutions, Networking Solutions, Security Systems, Audio/Visual Solutions, and Smart Building Solutions. Our goal is to become a leading name in the Middle East for delivering innovative and integrated engineering solutions.

SEVEN HANDS is proud to be recognized as one of the most respected firms in the market, combining value-added integrated solutions with a commitment to ethics and professionalism.

Our Services

The Name of **SEVEN HANDS** comes from the **SEVEN** services we proud to offer

- Implementation of advanced BIM methodologies, including 3D Revit modeling.
- Services such as clash detection, constructability reviews, and 4D/5D construction simulations for streamlined project delivery.

Engineering Design and Verification

- Creation and processing of precise shop drawings for architectural, structural, and MEP systems.
- Compliance checks to verify contractor submittals align with project specifications, standards, and requirements.

Multidisciplinary Project Coordination

Quantity and Material Takeoffs

- Active participation in meetings with contractors, consultants, and clients.
- Preparation of detailed project reports, documentation, and submittals.

Engineering Training and Skill Development

1



BIM Modeling and Construction Simulation

- Comprehensive design services, including conceptual and detailed designs for all project phases.
- Design verification services to ensure compliance with international codes, standards, and client specifications.


3



Shop Drawings and Contractor Submittals

- Coordination across project disciplines, including architecture, structure, and electromechanical systems.
- Ensuring seamless integration and minimizing design conflicts.

5



Quantity and Material Takeoffs

- Detailed quantity and material takeoffs for precise construction cost estimation.
- Supporting accurate procurement and budget planning.

6



Project Meetings and Documentation

- Professional training programs covering BIM, design, drafting, and other engineering disciplines.
- Focused on equipping teams and individuals with the latest engineering techniques and tools.

7



Engineering Training and Skill Development

Scope of works:

Architecture

- Architecture and furniture plans.
- Block work plans (Masonry plans).
- Landscaping plans.
- Ceiling & Flooring plans.
- Wet area shop drawing & designing.
- Life safety system.
- Elevations and sections details.
- Facades and finishes.
- Stairs & Elevator details.
- Interior design details.

Structure

- Civil Engineering verification design of concrete and steel structures, Drawings Preparation and Engineering calculations preforming.
- Shop Drawing submittals of all structural elements using (CAD, ASD, and REVIT).
- Feasibility study for the structural system.

Infrastructure

Design and shop drawings of the following elements:

- Roads: including plans, profiles, and cross sections
- Mechanical works including: water Supply, Sewage, firefighting, and irrigation networks.
- Mechanical structures including:
Chambers, pump stations, and manholes.
- Architectural Landscape works including: flooring, furniture, and lighting.
- Electrical works including: Medium voltage, low voltage, landscape lighting, and telecom.

Scope of works:

MEP

Electrical works

- Lighting & power system.
- Cable routing.
- Electrical station furniture.
- Earthing system and lighting protection.

Low Current Systems

- Telephone and data system
- Car parking system.
- Fire Alarm system.
- Access Control system.
- Home Automation.
- IP Telephone and digital phone systems.

HVAC system

- Air-conditioning equipment & station.
- Chilled water pipes network.
- Ventilation system.
- Mechanical Room (AHU, Chiller, Cooling Towers, Boller Clarifier).
- VRF system.

Firefighting System

- Firefighting sprinkler system (Water-Gas and Dry).
- Fire Cabinet and Extinguishing system.
- CO2, FM200, and kitchen hood fire suppression system.
- Firefighting pump room and water tank.

Plumbing system

- Water supply and Heating systems (cold-hot).
- Irrigation system.
- Drainage system.
- Rainwater system.
- Pump room (Submersible pump, Water pump).

Our Projects:



Madinaty Four Seasons Hotel

- Site: New Cairo, Egypt
- Scope of Work: **(BIM Services)** Preparing Architectural and Electromechanical Bim Coordination and Shop Drawings
- Main Contractors: Atruim, CCC
- Main Consultants: ECG, Shaker



205 Feddan

- Site: West Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing Architectural and Electromechanical Shop Drawings
- Owner: Arkan Palm
- MEP Consultant: SHAKER



Shura Island - HC 02,HC 03

- Site: Red Sea, KSA
- Scope of Work: **(BIM Services)** Preparing Architectural - Revit Model LOD 500
- Owner: The Red Sea Development Company
- Main Contractor: Saudi Icon
- Design Architect: Foster + partners



Neom Sindalah Island

- Site: Neom, KSA
- Scope of Work: **(Shop Drawing Services)**
Preparing Architecture Shop Drawings
- Contractor: Nesma & Partners
- Sub-Contractor: Tashyeed for Contracting
- Project Management Consultant: AECOM



Amaala Four Seasons Hotel

- Site: Amaala triple bay, KSA
- Scope of work: **(BIM Services)** Preparing
Architectural - Revit Model LOD 500
- Owner: Amaala
- Main Contractor: Saudi Icon



The St. Regis Cairo

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing MEP Shop Drawing
and As Built Drawing
- Main Contractor: CCC& Dark & Scull
- MEP Consultant: Shaker



Shura Island - HW 02

- Site: Red Sea, KSA
- Scope of Work: **(Design - BIM Services)**
Structural Steel Connection Design& Preparing Structural Revit Model
- Main Contractor: STECO
- Designer: Foster + Partners
- Consultant: Khatib & Alami



Regent Jeddah Hotel

- Site: Jeddah, KSA
- Scope of Work: **(Shop Drawing Services)**
Preparing Architectural and MEP Shop Drawing and As Built Drawing
- Operator: InterContinental Hotels Group
- Contractor: The Right Arm Co.
- Consultant: Deyar Engineering Consultants



El Alamein Towers

- Site: El Alamein City, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing MEP& Coordination Shop Drawing
- Main Contractor: Hassan Allam & CCC
- MEP Consultant: ECG



AL Rehab Tower

- Site: Jeddah, KSA
- Scope of Work: **(Design Services)** Preparing complete package of Design for All systems
- Owner: SHK. Saeed Al Angary
- Contractor: Al Redwan Contracting



The Mews

- Site: Riyadh, KSA
- Scope of Work: **(BIM Services)** Preparing a complete Revit model package for all systems
- Owner: FAO Real Estate Company



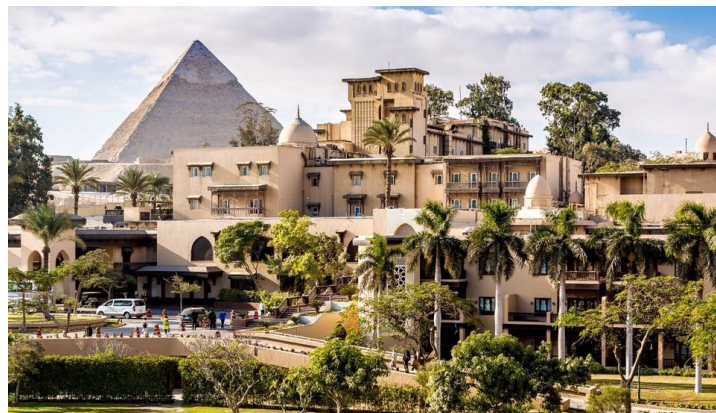
Luxor Four Seasons Hotel

- Site: Luxor, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing Structural Shop Drawings
- Main contractor: Atruim
- Structural Consultant: IET



The Estates New Zayed

- Site: West Cairo, Egypt
- Scope of Work: **(BIM Services)** Preparing complete package As-Built REVIT Model LOD 500
- Owner: SODIC
- Main contractor: Aboelwafa For Contracting
- Main consultant: ECB



JW Marriott Mena House Hotel

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing fire, plumbing Drawing
- MEP Contractor: LMS
- MEP Consultant: Sam & Line



Uppingham Cairo School

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing Structural & Architectural Shop Drawings -
- Owner: NEW GIZA
- Main Contractor: Modern Interiors
- Main Consultant: ECG



Pediatric Medical Complex

- Site: West Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing Structural and Architectural Shop Drawings
- Owner: Cairo University
- Contractor: Smart Solutions
- Main Consultant: DAD



Shura Island - HW 03

- Site: Red Sea, KSA
- Scope of Work: **(BIM Services)** Preparing Architectural Revit Model LOD 500
- Owner: The Red Sea Development Company
- Design Architect: Foster + partners
- Main Contractor: Domopan



Pavilion Belie Vie

- Site: West Cairo, Egypt
- Scope of Work: **(BIM Services)** Preparing complete package of Revit Model LOD 400 for All systems
- Owner: EMAAR
- Contractor: Tiba Contracting
- Main Consultant: ECG



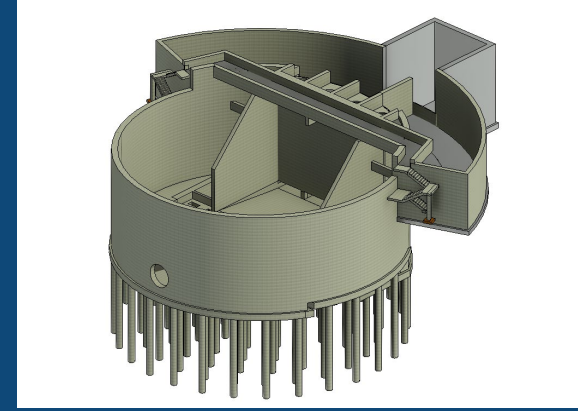
Vilette Sodic New Cairo

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing complete package Shop Drawing for All systems
- Main Contractor: AL Shams Company
- Consultant: RMC



Qetaifan Island North (Beach Club)

- Site: Lusail, Qatar
- Scope of Work: **(Shop Drawing Services)** Preparing MEP& Coordination Shop Drawing
- Main Contractor: Qetaifan projects
- Main Consultants: ECG



North Jeddah Pumping Station

- Site: Jeddah, KSA
- Scope of Work: **(BIM Services)** Preparing complete package of Revit Model LOD 400 for All systems
- Contractor: A. Q. AL RIZQI for Contracting
- Designer: AECOM
- Consultant: Louis Berger



Al Jumum Mall Project

- Site: Jedda, KSA
- Scope of Work: **(Design - Shop Drawing Services)**
Preparing complete package Design and Shop Drawing for All systems
- Main Consultant: Raka
- MEP Consultant: RMA Consultant



The Presidential Palace

- Site: New Administrative Capital, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing MEP, Coordination Shop Drawing
- Main contractor: Hassan Allam
- Sub Contractor: Roaya
- MEP Consultant: Shaker



Fayoum International Hospital

- Site: Fayoum, Egypt
- Scope of Work: **(Shop Drawing Services)**
preparing MEP Shop Drawing
- Main Contractor: Target Egypt for MEP contracting
- MEP Consultant: Creative



Amber Villa

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing MEP coordination Shop Drawing
- Main Contractor: Redcon
- MEP Consultant: Shaker



Alburouj Business Park

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing Electromechanical Drawing MEP coordination & Shop Drawing
- Main Contractor: Gama Construction
- MEP Consultant: Raft Miller (rmc)



Vilette Club Sodic

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing complete package Shop Drawing for All systems
- Main contractor: AL shams Company
- Consultant: RMC



Eastown Clubhouse

- Site: New Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing MEP coordination Shop Drawing
- Sup Contractor: JEC
- MEP Consultant: Shaker



Lycee Voltaire School

- Site: West Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing MEP & Coordination Shop Drawing
- Main Contractor: Civac



Compound Plaza Club

- Site: Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** preparing infrastructure Shop Drawing
- Main Contractor: Gek
- MEP Consultant: Shaker



Cairo Gate

- Site: West Cairo, Egypt
- Scope of Work: **(Shop Drawing Services)** Preparing MEP Shop Drawings
- Client: Emaar
- Consultant: ZFP



Etihad Pharmaceutical Factory

- Site: King Abdullah Economic City, KSA
- Scope of Work: **(Shop Drawing Services)** Preparing Mechanical and Electrical Shop Drawings
- Owner: Etihad Pharma Co.
- Main Consultant: V3 Middle East Consultants



Elie Saab Roshin Villas

- Site: Riyadh, KSA
- Scope of Work: **(Shop Drawing Services)** Preparing complete package of Shop Drawings
- Client: Dar Al Arkan
- Main Consultant: Consultancy Group



Oasis Residence

- Site: Riyadh, KSA
- Scope of Work: **(Shop Drawing Services)**
Preparing complete package Shop Drawing for all systems
- Owner: Oasis Residence for Real Estate Company
- Consultant: RAKA



Sinai University

- Site: Sinai, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing HVAC Shop Drawings
- MEP Consultant: Gaz



Residential Buildings R3

- Site: New Administrative Capital, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing firefighting, and plumbing Shop Drawings
- Main Contractor: Hassan Allam
- Sub Contractor: Roaya
- MEP Consultant: 5+UDC



Kaust Secondary School

- Site: Thuwal, KSA
- Scope of Work: **(Shop Drawing Services)**
Preparing MEP& coordination Shop Drawing
- MEP Consultant: NV5



Dr. Sulaiman Al Habib Hospital

- Site: Riyadh, KSA
- Scope of Work: **(BIM Services)** Preparing
Electromechanical Revit. Model LOD 400
- Main Consultant: Raka
- MEP Consultant: Shaker group



New Mansoura University

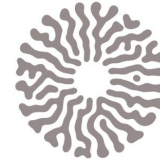
- Site: New Mansoura, Egypt
- Scope of Work: **(Shop Drawing Services)**
Preparing complete package Shop Drawing
for site layout
- Owner: Urban Communities Authority
- Main contractor: AL Shams Company

Our Clients

Nesma  **نسما**
& Partners وشركاهم



نيوم NEOM



أمالا
AMAALA



EMAAR


HASSAN ALLAM
— CONSTRUCTION —

SI Saudi Icon
شركة الرمز السعودي


البحر الأحمر الدولية
Red Sea Global



دومو بان
DOMOPAN



TMG



ATRIUM
Quality Contractors

 **SODIC**

ECG
مجموعة المهندسين العرب
ENGINEERING CONSULTANTS GROUP S.A.



NEWGIZA

DAR
AL ARKAN
دار الأركان



فاو العقارية
FAO Real Estate



SHAKER
CONSULTANCY GROUP

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