



### www.ieo-design.com

For the second s

## INTRODUCTION











## E G R O U P



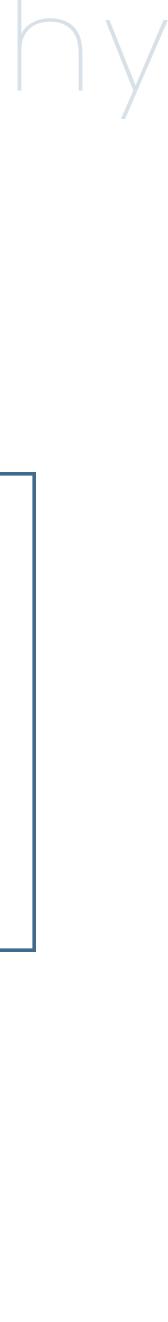
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# Philosop

## Our Philosophy

We take pride in chasing **SUCCESS** and pushing the **boundaries of the future** more than anything else ...... *Founders* 

> نفخر بالسعي وراء **النجاح** و دفع **حدود المستقبل** أكثر من جنى مكاسب أخرى ...... <sub>المؤسسيين</sub>



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### IEO Design Services

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## About Us

IEO has a long and well-established history in Egypt's business community with over 17 years in Consultancy services and construction. IEO Group continues to evolve and innovate for a b i c



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# About



### Since **2006**

Originally established in 2006 as **IEO Design Services**, The company has grown during those years to become one of the distinguished groups that provide integrated services in the fields of (engineering consultancy, contracting, elevators, wood industries, and real estate development).

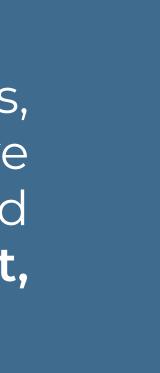


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**IEO Group** | Affiliates employ more than 250 Engineers, CADD, BIM Modelers, Technicians, and administrative staff and serves as the parent company to a diversified group of businesses with locations throughout Egypt, KSA, UAE, Lebanon and China





## Our Vision

To fly away from the crowd and offer **distinctive level** of integrated services in the fields of construction, industry and development and create a unique experience success as a fruit of **collaboration** among many actors with exceptional expertise.

التفرد وتقديم **مستوى مميز** من **الخدمات المتكاملة** في مجالات البناء والصناعة والتنمية وخلق تجربة فريدة من نوعها للنجاح كثمرة **للتعاون** بين العديد من الجهات الفاعلة ذات





# الخبرات الاستثنائية



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## Our Mision



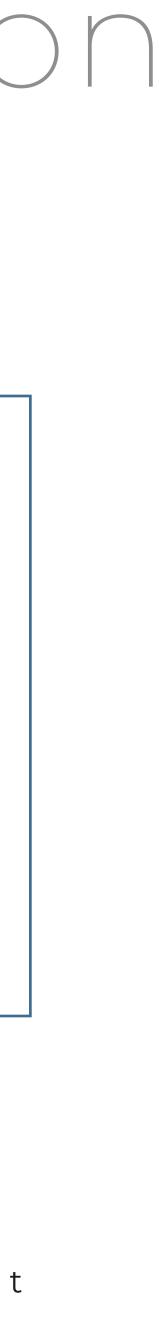


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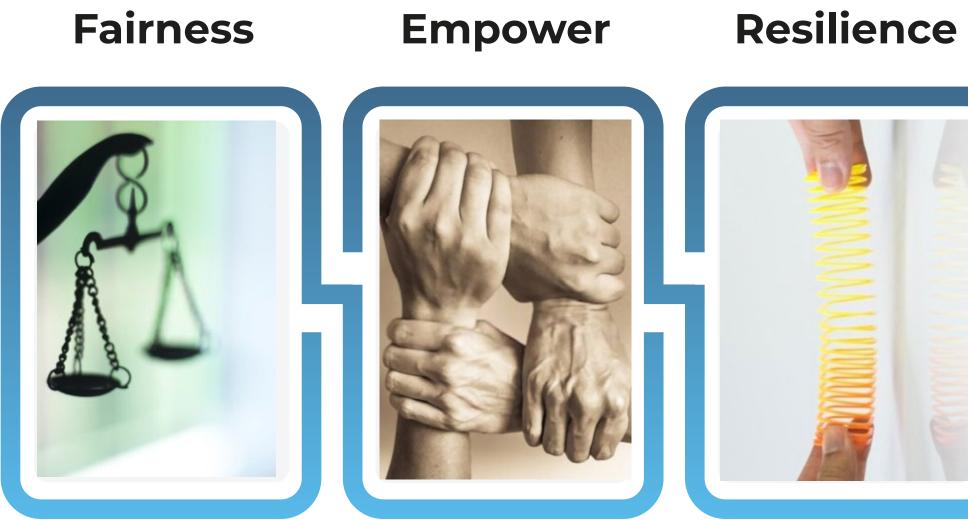


To Provide one-step solution to carefully selected clients with the highest quality, using the latest technology, through exceptional teamwork expertise.

تقديم **حلول متكاملة | شاملة | منسقة** بعناية لعملاء متميزين و**بأعلى جودة**، باستخدام أحدث التقنيات، من خلال **خبرة العمل الجماعي الاستثنائية** 









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e Commitment Awareness Influence



## Our Locations

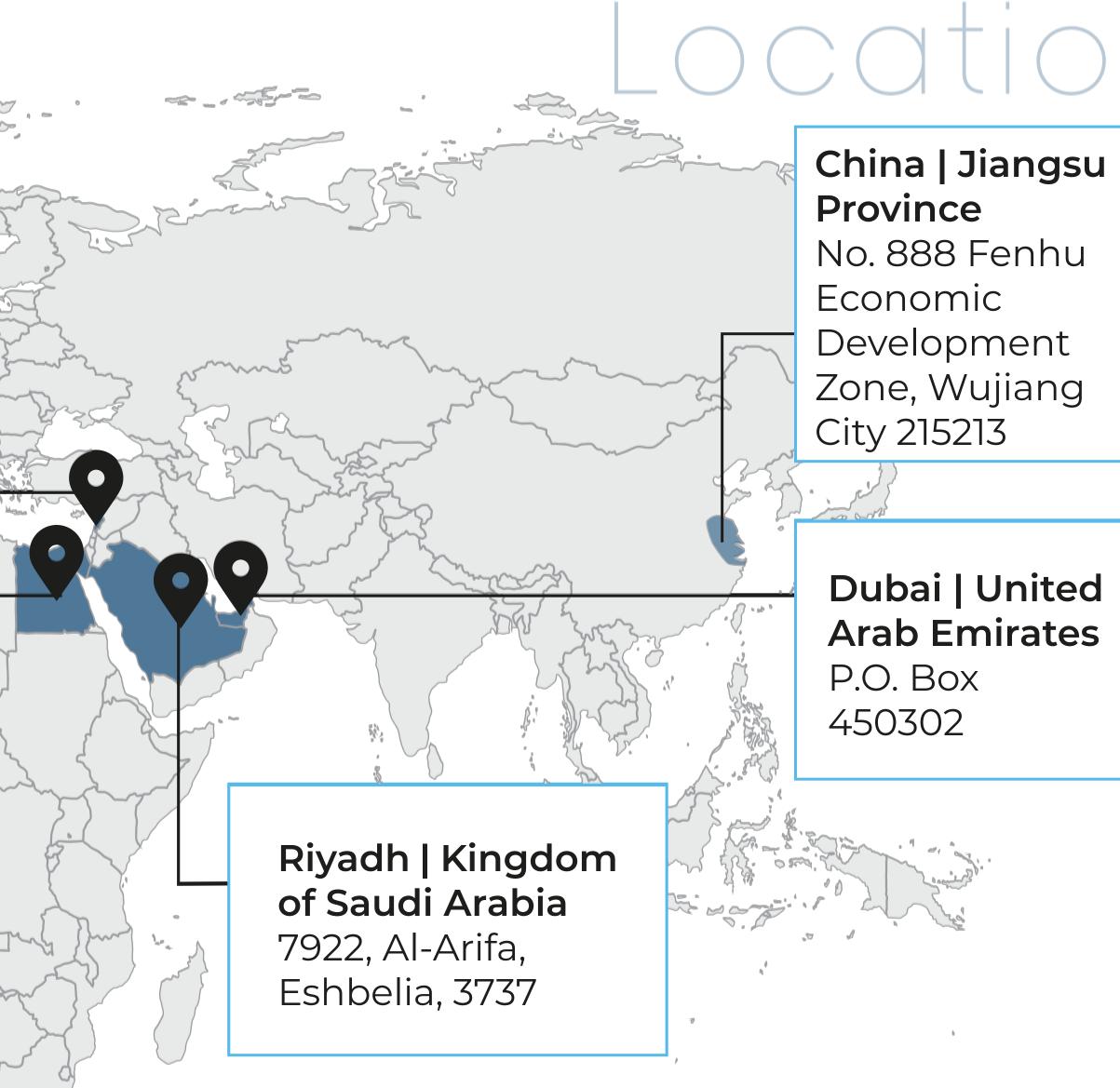
Antelias | Lebanon Abou Joude Centre, 3<sup>rd</sup> Floor

> Head Quarters: Cairo | Egypt AUCD Cairo New Administrative Capital, Business Park, PLOT A10, Sector M23, 4th Floor.

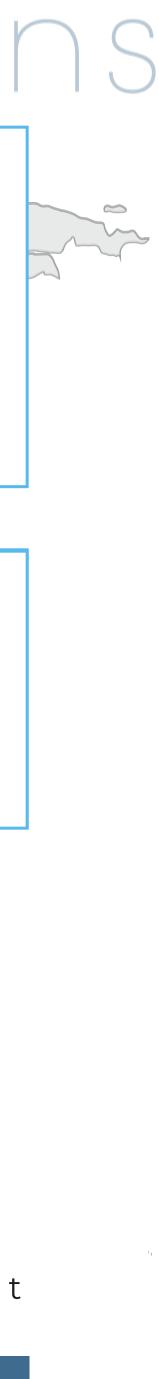
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# GROUP

# Joint-Ventures | Affiliates







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**IEO ELEVATORS's** activities are based on covering the Egyptian & Saudi market's requirements of supplying and installing high-quality elevators depending on European components from many sources, in addition to local factories for the manufacture of elevator cabins, but due to the growing local demand and in line with the specifications of some major projects, IEO ELEVATORS established a strategic partnership with [SHANGHAI MITSUBISHI ELEVATOR] & [CANNY ELEVATOR] through their overseas authorized agent [Qingdao Broaden Elevator Co., Ltd]







## IEO ELEVATORS JVs

### SIGNED AGREEMENT

- 3.3 The Parties acknowledge that it will be the Consortium's ultimate responsibility to formulate a competitive Proposal; and
- RESPONSIBLITIES OF THE PARTIES 4
- 4.1 Responsibilities of IEO ELEVATORS

IEO shall:

- (a) Liaise with the Contracting Authority and act as the focal point of contact;
- (b) Liaising with all members of the Consortium, as well as associates, for the purpose of aligning the interests, and the project plan, with that of the Contracting Authority;
- (c) Liaise between members of the Consortium, as well as the Associates, throughout the bidding process until the contract is awarded to the bidding consortium;
- (d) Act as a focal reviewer of all deliverables submitted by the Consortium Members, its Associates, and Service Providers pursuant to fulfilling the requirements of the Tendering Process (i.e. RFQ and RFP), the Project, and/or other requests of the Contracting Authority;
- (e) Acting, at all times, in the best interest of the Consortium and subsequently, in the best interest of all members of the Consortium.
- 4.2 Responsibilities of BROADEN ELEVATOR

### BROADEN shall:

- (a) Representing Shanghai Mitsubishi Elevator Company (SMEC) and Canny Elevator as a fully authorized overseas agent. (Relevant authorization letters for related projects before are attached in the Appendix of this MoU for your reference)
- (b) Liaise with IEO to expedite the formulation of the Consortium;
- (c) Act in the capacity of a Lead HVTS Manufacturer during the RFQ and RFP stages pursuant to submission of the bid;
- (d) Disclose all information, documentation and data, as and when requested by IEO, for the purpose of submission to the Contracting Authority throughout the bidding & tendering
- (e) Oversee the planning of SOW inclusive of all HVTS related activities, and in effect executing its responsibilities as the lead HVTS manufacturer and member of the Consortium;
- () Coordinate with all members of the Consortium (SMEC,CANNY), as well as Associates and Service Providers, to ensure deliverables are in line with the requirements of the
- (g) Drafting the required contracting agreement among the members in consortium in line with the scope of work of the awarded Project.
- (h) Act, at all times, in the best interest of the Consortium and subsequently, in the best interest of all members of the Consortium.

### 5. TERM AND TERMINATION

This MoU shall continue until terminated by mutual agreement or upon the occ following events:

(a) Execution of definitive agreements between the Parties in relation to the Consortium; of





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competitive bid on the Project (the "Bid").

Now therefore, the Parties have mutually agreed to the following:

### **OBJECTIVES AND UNDERTAKINGS** 1.

- 1.1 The purpose of this MoU is to set out the position of the Parties in relation to the preparation of a consortium bid for the Project.
- 1.2 The Parties agree to:
  - a) Work together in good faith to collect and exchange information and explore opportunities for their joint nvolvement in the Consortium.
  - b) Collaborate with other members of the Consortium to expedite and finalize the SoQ which will be submitted to the Client "whenever needed".
  - c) Co-operate fully in the preparation of the bid that will result in obtaining the contract by providing whatever information may be reasonably required by other members of the Consortium in a timely manner and without delay.
  - d) In the event of the Consortium's bid being successful, the Parties will fully co- operate and work in good faith with all members of the Consortium in the carrying out of the terms of the contract awarded by the Client.

### CONSORTIUM BID

The Parties hereby agree to comply fully with the Client's rules and requirements for the consortium bid ig connection with the Project, including but not limited to the following:

- a) Each Party shall promptly provide whatever information is required;
- b) Each Party shall only participate in the Consortium and shall not participate in another consortium or bid submissions to the Client in connection with the Project.
- c) The Parties acknowledge that the Client will disqualify any Consortium Member who engages directly with the Client or any other consortium in connection with the Project;
- d) The Parties acknowledge that any inquiries related to the Project which require input from the Client shall be lodged only by IEO through the designated communication channels set out by the Client;
- e) Each Party shall ensure that it meets the requirements of the Client, and acknowledges that if any Party fails to meet such requirements, the Client will disgualify the whole Consortium;
- f) The Parties acknowledge that the capital requirements for the Project shall be determined at the bidding stage;
- g) Each party shall bear its own respective pre-bidding costs associated to their designated role as a **Consortium Membe**
- h) Each Party shall ensure that no conflicts of interest exist in respect of the Project or consortium bid.

### 3. THE PROJECT, SCOPE AND CLIENT REQUIREMENTS

- 3. The Project, scope and client requirements 3.1 The Parties acknowledge that the Client will provide more details regarding the Project scope size at the bidding stage;
- 3.2 The Parties acknowledge that the details disclosed by the Client about the Project may lack completeness in various areas which will require the diligence and effort by IEO "as a Consortium Member in devising a solid proposal;

Memorandum of Understanding

This memorandum of understanding (MoU) is made on 10<sup>th</sup> of November 2020, by and between:

QINGDAO BROADEN ELEVATOR CO., LTD , a company validly existing under the laws and regulations of [CHINA] under commercial registration number 91370203756938947E, dated 02/12/2004, having its principal place of business at 520-87, Building 2, Liaoning Road, No.80, Shibei District, Qingdao City, Shandong Province, China. ("BROADEN")

BROADEN is representing Shanghai Mitsubishi Elevator Company (SMEC) & Canny Elevator as an overseas agent. Relevant authorization letters for related projects before are attached to this MoU for reference.

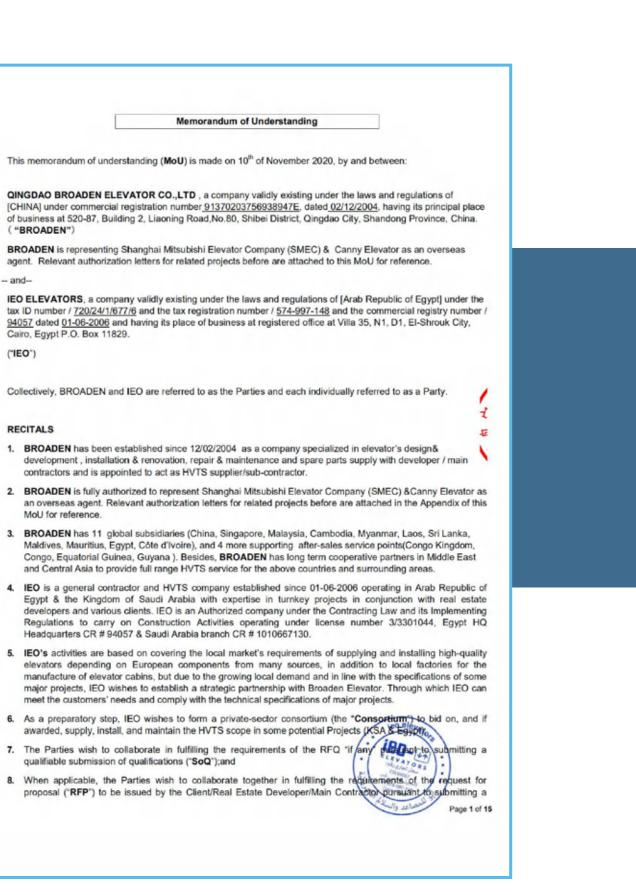
- and--

IEO ELEVATORS, a company validly existing under the laws and regulations of [Arab Republic of Egypt] under the tax ID number / 720/24/1/677/6 and the tax registration number / 574-997-148 and the commercial registry number / 94057 dated 01-06-2006 and having its place of business at registered office at Villa 35, N1, D1, El-Shrouk City, Cairo, Egypt P.O. Box 11829.

("IEO")

Collectively, BROADEN and IEO are referred to as the Parties and each individually referred to as a Party.

### RECITALS



- BROADEN is fully authorized to represent Shanghai Mitsubishi Elevator Company (SMEC) & Canny Elevator as an overseas agent. Relevant authorization letters for related projects before are attached in the Appendix of this MoU for reference.
- BROADEN has 11 global subsidiaries (China, Singapore, Malaysia, Cambodia, Myanmar, Laos, Sri Lanka, Maldives, Mauritius, Egypt, Côte d'Ivoire), and 4 more supporting after-sales service points(Congo Kingdom, Congo, Equatorial Guinea, Guyana ). Besides, BROADEN has long term cooperative partners in Middle East and Central Asia to provide full range HVTS service for the above countries and surrounding areas.
- IEO is a general contractor and HVTS company established since 01-06-2006 operating in Arab Republic of Egypt & the Kingdom of Saudi Arabia with expertise in turnkey projects in conjunction with real estate developers and various clients. IEO is an Authorized company under the Contracting Law and its Implementing Regulations to carry on Construction Activities operating under license number 3/3301044, Egypt HQ Headquarters CR # 94057 & Saudi Arabia branch CR # 1010667130.
- 5. IEO's activities are based on covering the local market's requirements of supplying and installing high-quality elevators depending on European components from many sources, in addition to local factories for the manufacture of elevator cabins, but due to the growing local demand and in line with the specifications of some major projects, IEO wishes to establish a strategic partnership with Broaden Elevator. Through which IEO can meet the customers' needs and comply with the technical specifications of major projects.
- 6. As a preparatory step, IEO wishes to form a private-sector consortium (the "Consortium") to bid on, and if awarded, supply, install, and maintain the HVTS scope in some potential Projects (KSA & Egyptic
- qualifiable submission of qualifications ("SoQ");and
- 8. When applicable, the Parties wish to collaborate together in fulfilling the requirements of the request for proposal ("RFP") to be issued by the Client/Real Estate Developer/Main Contractor pursuant to submitting a

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## **IEO ELEVATORS JVs**

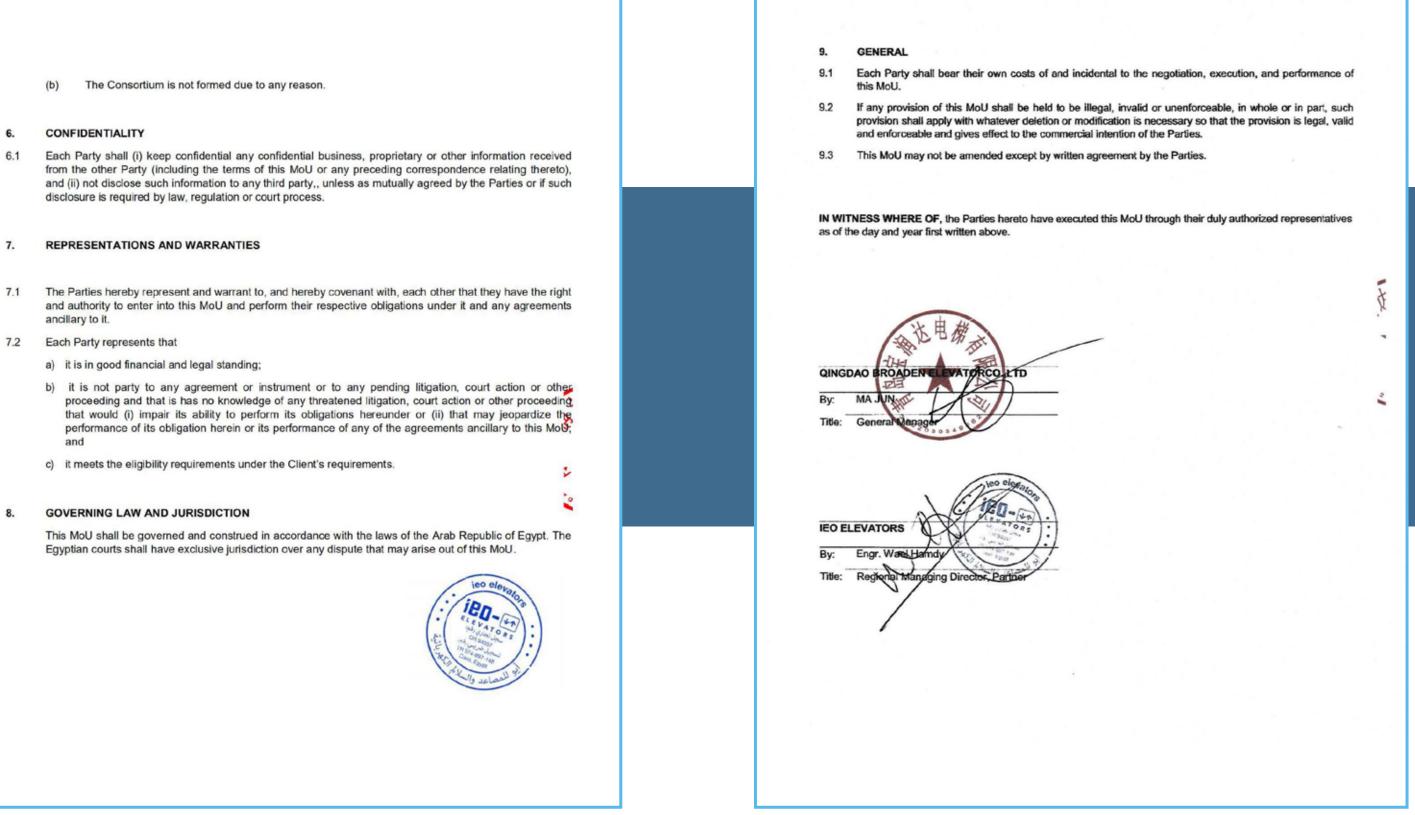
### SIGNED AGREEMENT

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GROUP

- The Consortium is not formed due to any reason. (b)
- CONFIDENTIALITY 6.
- 6.1 disclosure is required by law, regulation or court process.
- REPRESENTATIONS AND WARRANTIES 7.
- ancillary to it.
- 7.2 Each Party represents that
  - a) it is in good financial and legal standing;
  - and
- GOVERNING LAW AND JURISDICTION 8.

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## Joint Affiliates



PREFAB Consultant [Antelias | Lebanon]

Interior Design [Dubai | UAE]



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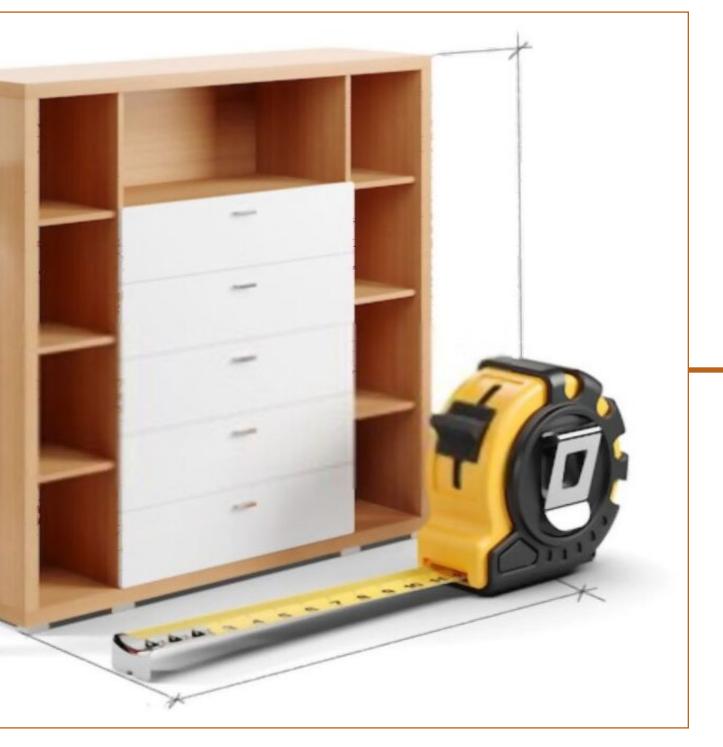


Production Facilties {Egypt}



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# ttilintes





### **PRO CONSULT**

Business Hub & Furniture Design {Dubai | UAE}













## Sample of prime clients:



مجموعة موسى عبدالعزيز الموسى واولاده العقارية القابضه Mosa bin Abdulaziz Al Mosa and Sons Group Real State Holding



## illini. AQALAT





بودي ماسترز



Groupement d'Etudes de Construction et d'Aménagement











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NEOM













AMAALA









## Group Services



# **IED-**

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# EO-Grol





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**IEO DESIGN SERVICES** is an **integrated engineering** practice office offering multi-disciplinary services to the developments.

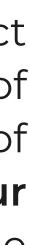
Our mission is to develop and design buildings to the highest standards and to cater our client's needs with the most updated technologies within the urban Design, functionality, safety, sustainability, and cost effectiveness are our prime objectives.

The content of this profile is an eye on our project lists, activities, skills, qualifications, and our fields of specializations. Our goal is to enhance the image of our design office by **highlighting the realities of our** achievements to our clients and the realities of the qualified design staff that we have.









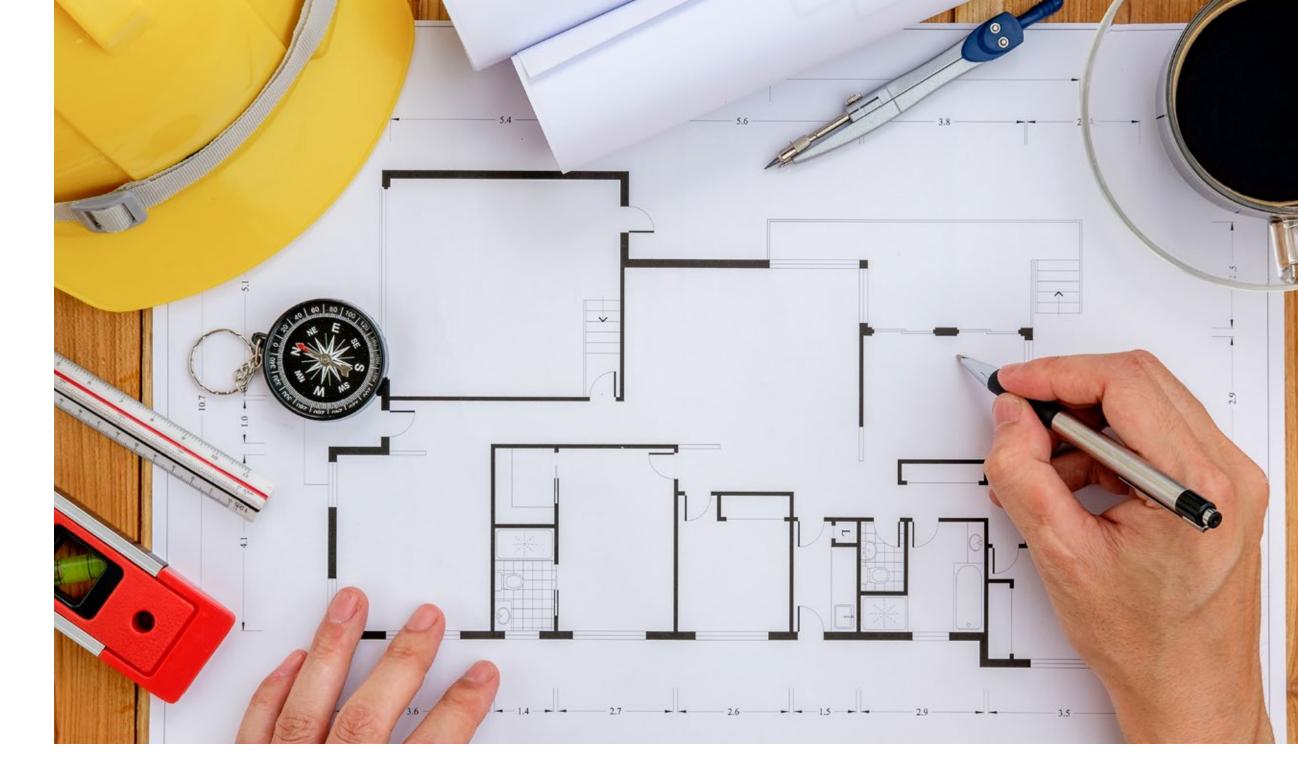
### Since **2006**

The Company has been officially launched in 2006, but the experience of its **key personnel extends to an earlier period through diversified experience** with other multinational consultant companies and conglomerates. It is anticipated that the experience matter stands with question and will remain the corner stone of our business.



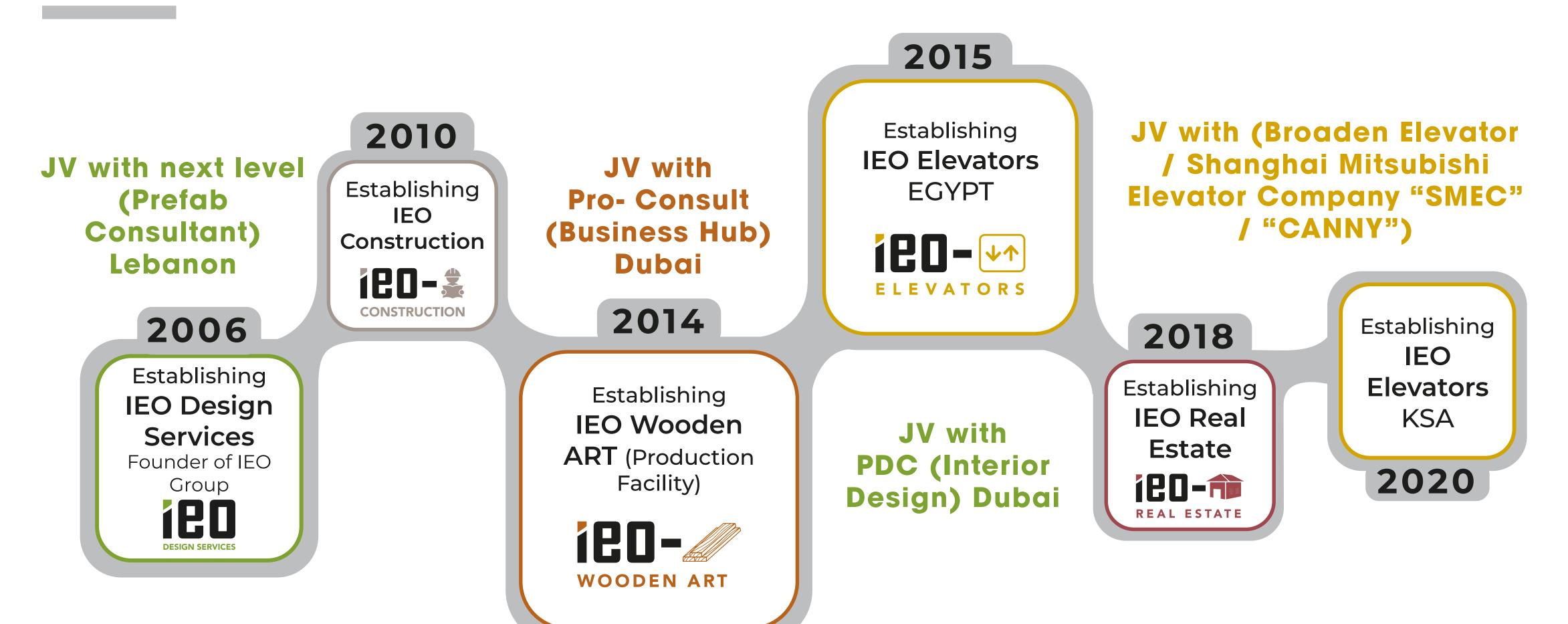
After 17 years of success in both Egyptian and Saudi Markets, **IEO DESIGN SERVICES** has launched a new business strategy by signing a MoU agreement with **PDC Interiors\_Dubai, UAE & Next Level\_Beirut, Lebanon;** in order to start drawing a new horizon of success on a global level and provide distinctive services in the fields of interior design and prefabricated industries.







## Milestones chart



# Vileston



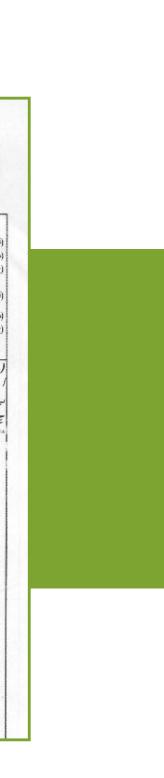


## Registration

صفحة رقم ۲ من ۲ ۱۳:۳۲:۰۷ ۲۰۲۰–۰۱–۱۲ ۱۳:۳۲:۰۷	ليد يلغى هذة الوثيقة	نذرج من السجل التجارى رقم: ٥٧ اى كشط او شطب او تعديل بال			F	صفحة رقم ۱ من ۲ -۱۳:۳۲:۰۷ ۲۰۲۰	1-17	بى)	ى رقم:٩٤٠٥٧ (افراد – محل رئيس او تعديل باليد يلغى هذة الوثيقة		اخلية التجارى	وزارة التموين والتم جهاز تنمية التجارة الدا الادارة المركزية للسجل مكتب حجل تجارى غرة
هــامـشن (۱4)	(۱) الاحكام و القرارات الصادرة يتوقيع الحجز على الناجر او بتعين القامة و الوكلام عن الغانيين بعزلهم او برفع الحجز (ب) الاحكام و الاوامر المنطقة بالافلاس (ع) الحكام اعادة الاعتبار (د) الاحكام الصادرة بالطلاقي او التفرقة الجسمانية او المائية و القرارات الصادرة باعطام الأن تلتاجر بالاحجار او الفائله او الحد منه بالاجار او الفائله او الحد منه (هـ) احكام فصل الشركاء او عزل المديرين و احكام حل الشركك او بطلائها وتعيين المصلين او عزئهم (و) فيبالات المنطقة بييع المحل التجارى او رهنه طبقا للقانون رقم ١١ لسنة ١٩٤٠ (و) فيبالات المنطقة بيع المحل التجارى او رهنه طبقا للقانون رقم ١١ لسنة ١٩٤٠	) على مقتضاه (لاصناعية (ج) الاطنية التجارية (ج) كان عقد يقضى بحل الشركة او وضعها تحت التصلية )	التي كانت الثابر سايقًا رقم التسجيل: التي تكون له: (١) العلامات الثجارية ذ نفس المكتب (٣) يراءات الاختراع رة مكانب اخرى (ع) الرموم و النمائج ا (١٠) (١٠)	للتأجر والفروع والوكالات التابعة له (ب) المحال (ب) مقدار رأس مال الشركة لو الجمعية التعاونية (ب مقدار رأس مال الشركة لو الجمعية التعاونية (ب معال لمواداة منه (٢) رصيد الفرع المدين للمركز العام تلشركة (٢) رصيد الفرع المدين للمركز العام تلشركة	(4)	(۱) عناوين اللروع و الوكالات آلتابعة المحل الرئيسي و المركز العام (ب) عنوان القرع او الوكالة (في حالة قيد الفرع او الوكالة)	(۱) عنوان قلحل الرئيمي (ب) عنوان قلمركل العام للشركة او قجمجة التعاونية (ج) رقم قيد المحل الرئيمي او المركز العام (في حالة قيد الفرع)	۱-التاريخ الذي بدأ فية التاجر اعداله (أ) التجارية بجمهورية مصر العربية ٢-تاريخ الترخيص بعزاولة التجارة (ب) تاريخ ابتداء الشركة و تاريخ التهالها و تاريخ الترخيص بعزاولة التجارة او موافقة هيئة الاستثمار (ج) تاريخ افتتاح الفرع او الوكانة	(ا) نوع اللجارة او (ب) الفرض من تاسيس الشركة او الجمعية التعاولية	(١) اسم الناجر وثليه وتاريخ ومحل مبلاد وجنسيته (٣) اسماء و القاب الشركاء المسئولين بالتضامن في شركات التضامن او التوصية اليسيطة و تاريخ ومحل الديلاد الكل منهم وجنسيته (ج) اسماء والقاب الشركاء او غير شم المناوط بهم ادارة الشركة ومن لهم حق التوقيع باسمها وصفة كل منهم وتاريخ ومحل ميلاده وجنسيته ومدى سنطتهم في الادارة و التوقيع (د) اسماء والقاب اعضاء مجلس الادارة في شركات المساهمة او الجمعية التعاونية ووكلائها المديرين وصفة كل منهم وتاريخ ومحل ميلاده وجنسيته ومدى سلطتهم في الادارة و التوقيع المديرين وصفة كل منهم وتاريخ ومحل ميلاده وجنسيته ومدى سلطتهم في الادارة و التوقيع (هـ) اسم و لقب مدير الفرع الرئيمي او الوكانة العامة في جمهورية مصر العربية وتاريخ ومحل ميلاده وجنسيته (ذا كان المركز العام في للشركة الخارج)	١ - نوع قشركة	(ب) تاريخ الإيتاع (ج) رقم القيد في السجل التجاري (۲) (۱) رقم أيداع طلب التجديد (۱) رقم أيداع طلب التجديد
				() قدار راس المال ۱۰۰۰۰ چنیه مصری قط عشرة الف لاغیر ******	a (j	(V) ************************************	(۲) ۸۱ شارع المشير محت عبدالحليم الوغزاله مج ۵ الحی ۲ شقه رقم ۲ يالدور الثانی مدينة بدر القاهرة *****	(*) (*) Y + + 7/+ 1/+ 1 - 1 Y + 7 + /+ 1/+ 7 - 7 ************************************	(1) العقادلات العامة ***********	(١) حسين محمد حمدى محمد ١٩٨٤/٠٢/١٤ مصر القاهرة رقم قومى ٢٨٤٠١٠١٢٤ تاجر-كامل الاهلية *************	(۱) افراد افراد (۱) قانون ۲۴ لسنة ۱۹۷۲ (۱) ۱ - حصین محمد حمدی ۲ - ابو للمقاولات العامه ۱۳۵۰ محمد ۲ - حصین محمد حمدی	(1) <i>(1)</i> <i>AVA - 1</i> <i>T - T</i>
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# Registration









# Registration

المهن الحرة نابي	مموريه وثيقة بياتات اساسية لممول	وزارة الملية مصلحة الضرائب المصرية قطاع تكنولوجيا المعلومات
تنريخ تقديم الاقرار	اخر سنة اقرار بيان الاعفاءات	الادارة العلمة للنظم واليرامج رقم التسجيل الضريبي ٥٧٤٩٩٧١٤٨
الى فترة الاعفاء الى	السنوات من فترة الاعفاء من	اسم الممول حسين محمد حمدي محمد عبدالسميع الاسم التجاري ايو للتصميمات والخدمات الهندسيه /السمة التجارية
$\subset$	يج ٥ الحي ٢ مدينه بدر	عنوان الممول ٨١ ش المشير محمد عبدالحليم ابوغزاله ه
		مسمي النشاط ١ المهندسون علي اختلاف تخصصاتهم مسمي النشاط ٢ مكتب هندسي ومقاولات علمه
	بين مخترن	تاريخ بدء النشاط ٢٠٠٠، ٢٠٠٠ الكيان القانوني فردى
		الخضوع للدفعات في فضع لنظام الدفعات المقدمة
		تاريخ الدفعات المقدمة الي الي رقم التأمينات رقم السجل التجاري
		رقم سجل الشركات
a contraction of the second second		رقم التليفون الأول ٥٣< ١٢٢٣٦٣٦ رقم التليفون الثانى
A A A A A A A A A A A A A A A A A A A	YAE. VIE. 1. 1.	تليفون محمول
	مسلسل البطاقة	الرقم البريدي الرقم البريدي الروني البريد الالكتروني المساوي الم



## Founders

**Engr. Hussein Hamdy** Senior Advisor | Co-Founder Board Member of ieo-GROUP

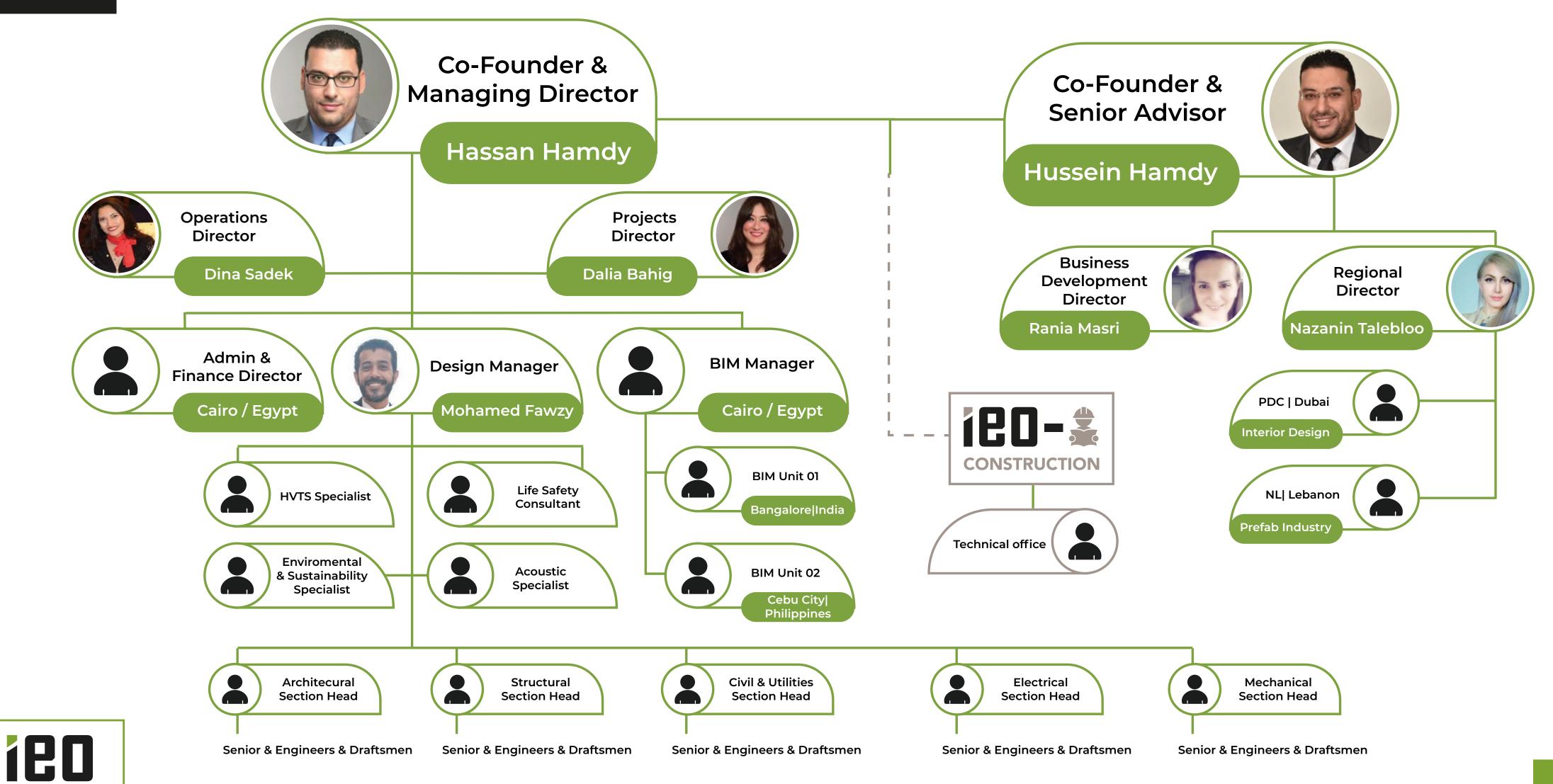
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## 

Engr. Hassan Hamdy Managing Director | Co-Founder Board Member of ieo-GROUP

## Organization Chart

**DESIGN SERVICES** 



# Organization





**Engr. Hussein Hamdy** Senior Advisor | Co-Founder Board Member of ieo-GROUP



An industry expert **Engineering Professional** that brings **17 years of solid experience** in **Project Management**, Concept, Schematic Design, Design Development & Construction Documents. He has accomplished tremendous works in large scale mega projects such as high-rise buildings, mixed-use developments, and residential, commercial, and institutional developments. From multinational consulting firms, he transitioned to the construction and contracting industry.

With **a strong technical background**, Engr. Hamdy proves to be an efficient leader in running a full cycle multidisciplinary project phase with an aim to provide the highest level of technical quality in construction projects. He exudes strength in methodical aptitude with an innate ability to analyze and synthesize drawings according to project specifications. He is goal-oriented that values timely deliverable of projects adhering to the cost and budget. He is adept in organizing and utilizing the available resources to efficiently deliver projects with absolute quality.



Engr. Hamdy is a Licensed Civil Engineer that obtained his Bachelor's in Civil and Structural Engineering Degree in Ain Shams University. His professional affiliations include Egyptian Syndicate of Engineers and Saudi Council of Engineers. He spearheads the efforts in ensuring overall company performance is achieved within MENA region, according to the timescale and within the pre-set cost parameters. He interfaces with the clients and conducts periodic meetings with consultants, designers, and contractors to mitigate issues, avoid potential delays, and keep up with the planned objectives.

### Career Milestones

**Beijing Emirates International** Construction Company (BEC), Riyadh, KSA [Technical Director]



Engr. Hussein Hamdy Senior Advisor | Co-Founder **Board Member of ieo-GROUP** 

• Leading a team of 47 employees including architects, interior designers, engineers, and draftsmen with the responsibility of managing and leading the engineering team and preparation of the design & shop drawings.

• Reviewing design drawings, documents & specifications prepared by international renewed designers.

 Conducting periodical design meetings and design workshops with consultant, designers, sub- contractors, and client to solve the pending issues and to mitigate or avoid any potential delays in the actual progress. Ensuring coordination across all disciplines with the design departments.







- **Beijing Emirates International** Construction Company (BEC), Riyadh, KSA [Technical Director]
- progress and issues.



Engr. Hussein Hamdy Senior Advisor | Co-Founder **Board Member of ieo-GROUP** 

• Understanding client priorities and responding appropriately, through proactive communication with client representatives on day-to-day

 Coordinating & meeting continuously with the consultant to obtain approvals for the design documents, shop drawings at all stages of work.

• Resolving site problems or conflicts arising during construction works.

• Reviewing and developing design schedules in consistent with construction schedules and actual site work progress and reprioritizing design submittals accordingly, as and when required.

 Coordinating & preparing Variation Orders for design changes including any extension of time required.

· Leads and participate in the pre-studies, value engineering & design development in the pre-bid stage for potential projects.

New business generation through exploring new development ideas.

• Assists with feasibility, business planning of asset development.

Manages development design briefs, request for proposal (RFP).

Implements current LEED and sustainability trends.



Beijing Emirates International Construction Company (BEC), Riyadh, KSA\_ **Projects** 

## Design Development, Final Design & Construction stage For:

- KAP5-D (King Abdullah Ibn Abdulaziz Project for Development of the Security Facilities for MOI-Group 4), Southern Region, KSA, Budget SAR 1.6 Billion.
- KAP2-E2 (King Abdullah Ibn Abdulaziz Project for Development of the Security Facilities for MOI-Group 2), Western Region, KSA, Budget SAR 3.0 Billion.
- KAP2-E2-25A & 25Q (King Abdullah Ibn Abdulaziz Project for Development of the Security Facilities for MOI-Special Security Forces Camp (Precast, Fast



**Engr. Hussein Hamdy** Senior Advisor | Co-Founder Board Member of ieo-GROUP

- Track Project), Mecca & Eastern Province, KSA, Budget SAR 200 Millions.
- 63Multi-storySchools(MinistryofEducation/Tatweer Building Company) – (Precast project), Western & Southern Regions, KSA, Budget SAR 500 Millions.
- Faculty of Science & Arts for Girls, Jazan, KSA, Budget SAR 150 Millions.
- Grand Mosque, Jazan, KSA, Budget SAR 55 Millions.
- Mayasem Project (Mixed-Use development), North
   Obhor, Jeddah, KSA, Budget SAR 9.0 Billion.
- Wadi Al Hada Residential Compound (Mixed-Use development), **Riyadh, KSA,** Budget SAR 750 Millions.
- MOH-DH-PH01 (Ministry of Housing Developmental Housing - Phase 01-17K residential apartments), (Precast project), Eastern, Western & Southern Regions, KSA, Budget SAR 5.0 Billion.



SAUDI OGER LTD., Design & Engineering Department, Riyadh, KSA [Structural Team Leader]

Leading a team of 12 structural engineers, and draftsmen with the responsibility of:

- documents.



Engr. Hussein Hamdy Senior Advisor | Co-Founder **Board Member of ieo-GROUP** 

• Design the steel structure elements which are missing at the final design

• Design & prepare the required shop drawings for the steel structure framing which supports the facades (Curtain Walls)

Following, supervising and technical support for the steel subcontractors.

• Review the submitted fabrication drawings from the subcontractors.

• Preparing the corrective proposals as per the site condition.

• Design & prepare the required shop drawings for the steel structure proposals which requested for strengthening some structural elements. Coordination with the different disciplines.

• Technical Support for all the site works related to the steel structure.

**Project:** KAFD (King Abdullah Financial District, Parcels (1.08 – Hotel Building) & 1.12 – Office Building), **Riyadh, KSA.** 



Engineering Consultants Group (ECG), Cairo, Egypt [Structural Team Leader]	<ul> <li>Alexandria East Wastewater Treatment Plant, Alexandria, Egypt.</li> <li>Oqyana-World First, Dubai, UAE.</li> <li>Al-Waab City, Doha, Qatar.</li> <li>Abu Qir Power Plant Intake, Alexandria, Egypt.</li> <li>Ritz Carlton Palm Hills Golf Club</li> </ul>	<ul> <li>and Resort, 6th of October, Egypt.</li> <li>Al Shabab Power Plant 500MW, Ismailyia, Egypt.</li> <li>Damietta Power Plant 1000MW, Damietta, Egypt.</li> <li>Quesna International Airport, Menofia, Egypt.</li> </ul>			
Khatib & Alami – Engineering Consultants (K&A). <b>[Structural Team Leader]</b>	<ul> <li>Airotel Hotel, Sharm El Sheikh, Egypt.</li> <li>Dorra Residential Tower, Jumeirah Palace, Dubai, UAE.</li> </ul>				
ECO   ADEC [Structural Designer]					



Engr. Hussein Hamdy Senior Advisor | Co-Founder **Board Member of ieo-GROUP** 

 Detailed Design & Shop Drawings for Wall Bearing Residential Building, **New Jersey, USA.** 









### Engr. Hassan Hamdy Managing Director | Co-Founder **Board Member of ieo-GROUP**



### Education

- Bachelor's Degree in Electrical Power and Machines Engineering, Ain Shams University, Cairo, Egypt.
- Master's in Electrical Power and Machines Engineering "Automation Systems-Vector Control" Ain Shams University, Cairo, Egypt "Present".

### Certificates

- Membership of Egyptian Syndicate of engineers.
- LEED GA certified.
- Photo Voltaic syst. Certificated.
- Member of IEEE.
- · Certified from Dale Carnegie & Associates, Inc. "Course in Leadership for Managers".

An expert Engineering Professional that brings over 17 years of solid experience in Electrical/ Telecommunications Engineering, Horizontal and Vertical Transportation Systems "HVTS" and Cement Industry. His experience covers a wide spectrum of Project Management, Concept, Schematic Design, Design Development, Detailed Design and Tender Documents. He has accomplished incredible works in



large scale mega projects such as healthcare facilities, educational Campuses, Worships, high-rise buildings, mixed-use developments, residential, commercial and infrastructure. From multinational specialized firm in HVTS, he transitioned to the cement industry and then multinational consultant firm. Mr. Hassan Hamdy was acting as a Senior Consultant / Electrical team leader with a global specialty in conveying systems bringing a total of 14 years of experience in the field of "Horizontal and Vertical Transportation Systems HVTS (Elevators, Escalators, Moving Walkways, Dumbwaiters, Truck Lifts, Loading Docks, Sky Train, Inclined Lifts) " encompasses the whole spectrum of consultancy as he has been holding the position of Senior electrical team leader & conveying systems Global Specialist at Dar Al-Handasah (Shair and Partners) for more than 10 years where he effectively led and managed teams under him. That caters for specialty services across Dar's local & international offices including 5 head design offices and 40 area branches. With an extensive experience in the design, design review, review of submittals, installation and maintenance of a wide range of electromechanical systems and equipment. In parallel, and over the past years; Mr. Hamdy has founded in cooperation with his partners their own company "IEO GROUP". To reach today a company that transcends the borders of the country FROM which it started TO a new horizon of a global level.



Engr. Hassan Hamdy Managing Director | Co-Founder **Board Member of ieo-GROUP** 



### **Career Milestones**

Dar Al-Handasah Consultants (Shair and Partners) [Head of Conveying Systems]

- Managing in-house speciality units for conveying systems across Dar's 5 head design offices.
- Managing HVTS site supervision (Testing & Commissioning) teams across Dar's 40 area / site branches.
- Global Technical Advisor in Conveying Systems for Dar Al-Handasah.
- Coordination with HVTS Manufacturers.
- Coordination with VT Consultants.
- Coaching and conducting training programs.
- Traffic Analysis Concepts and Software's.
- Architectural and Structural Design.
- Preparation of Specifications and Data Sheets.
- Preparation/Evaluation of Tender Documents.
- Material submittals and shop drawings' review.
- Site construction supervision and testing, commissioning programs as well as final handing over for Mega projects.
- Reliability Assurance and evaluation of operating assets under renovation/ modernization projects



**Engr. Hassan Hamdy** Managing Director | Co-Founder Board Member of ieo-GROUP



Dar Al-Handasah Consultants (Shair and Partners) [Senior Electrical **Design Engineer**]

- in the design process.

- MOM.
- equipment.



Engr. Hassan Hamdy Managing Director | Co-Founder **Board Member of ieo-GROUP** 

 Managing projects and leading a team of Electrical Engineers (Dar alhandasah, Cairo Head Quarters).

 Participating in all phases of the project design and coordination for the electrical systems with Architecture and all engineering disciplines involved

• Review for the materials technical submittals and shop drawings.

 Preparing an installation and maintenance programs/documents for a wide range of electromechanical systems and equipment.

Pricing and preparing Bill of Quantities BOQ's and method of measurements

Preparing Tender Documents.

Site supervision and Testing and Commissioning for electrical systems/



#### Dar Al-Handasah Consultants (Shair and Partners)\_**Projects**

- Development of King Abdul Aziz Endowment for the Two Holy Mosques, Makkah, Saudi Arabia.
- The Holy Haram, Shamiyah Expansion, Makkah, Saudi Arabia.
- The Prophet Worship, Al Madinah, Saudi Arabia.
- Five Regional Specialised Hospitals 5 Hospitals (Taif, Qassim, Riyadh and Jeddah)- NGHA, Saudi Arabia.
- King Saud University for Health Sciences, (Riyadh, Jeddah, Al Hasa and Al Madinah), Saudi Arabia.
- Princess Nora Bint Abdulrahman University (PNBAU), **Riyadh, KSA**

- Jeddah, Saudi Arabia.
- Updating MOMRA standards and Guidelines, (ministry of municipality and rural affairs), Saudi Arabia.
- Kudai and Al Waqf Stations, Makkah, Saudi Arabia.
- Makkah First Ring Road and Bus Station, Saudi Arabia.
- Riyadh Metro, Saudi Arabia.
- Makkah Clock Tower, Saudi Arabia. • Neuroscience Hospital, Saudi Arabia. • Bones and Joints Hospital, Saudi
- Arabia.
- Network, Saudi Arabia.
- Dubai International Airport DXB, **United Arab Emirates.**
- Doha Metro Underground Green



Engr. Hassan Hamdy Managing Director | Co-Founder **Board Member of ieo-GROUP** 

• Kingdom Tower, 1 kilometre Tower

• Riyadh Bus Rapid Transit (BRT)

• Toilets around Haram, Saudi Arabia.

#### Line, **Qatar.**

- Hurghada Airport, Egypt.
- Central Business District of the new administrative capital "CBD", Egypt.
- Governmental District of the new administrative capital, Egypt.
- Dar Al Fouad Hospital, **Egypt.**
- Magdi Yacoub, New Aswan Heart hospital, Aswan, Egypt.
- Madinaty Hospital, Egypt.
- Semiramis- Intercontinental Hotel, Cairo, Egypt.
- American University of Beirut Medical Centre AUB-MC, Lebanon.
- Ritz Carlton Amman, Jordan.
- Luanda Museum MOCA, Angola.
- The Exchange TEX Accra, Ghana
- Dualisation of Gbongan Oshogbo Road, Nigeria.



Arab Swiss Engineering Company (ASEC)\_Cement Industry [Maintenance Engineer]

- installations and equipment.
- measures.

**Project:** Al-Kawmia Cement Factory, **Cairo, Egypt.** 

- Thyssen Krupp Elevators and **Escalators** [Installation Engineer]
- with project main contractor.
- Managing installation teams. Cairo, Egypt.



Engr. Hassan Hamdy Managing Director | Co-Founder **Board Member of ieo-GROUP** 

Preparing maintenance programs of cement - production electrical

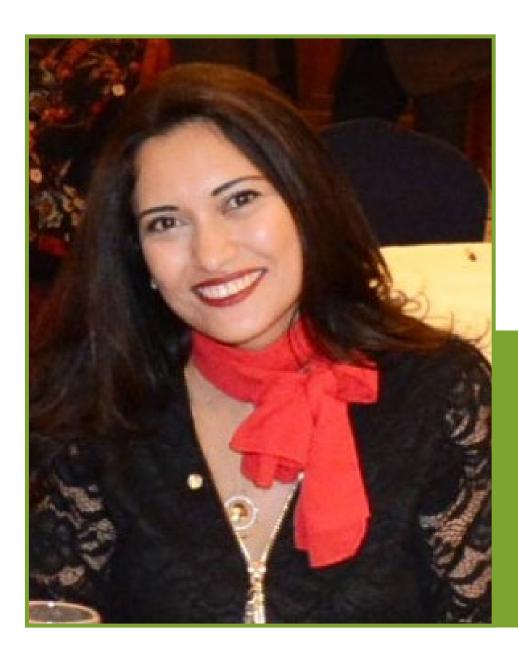
 Field participation in the maintenance and trouble shooting of cementproduction electrical installations and equipment.

Managing technical staff for both preventative and corrective maintenance

Preparing of HVTS installation method of measurement in coordination

**Project:** Participated in the installation of 63 elevators, 51escalators and 50 moving walkways for Cairo International Airport, New Terminal building #3.





#### Architect Dina Sadek Operations Director



#### Education

- Bachelor's Degree in Architecture Engineering "Planning & Urban Design Section" Ain Shams University, Cairo, Egypt.
- PMP Certification from Project Management Institute PMI
- Good knowledge of prevailing codes and standards, planning and scheduling.
- Contract management and mitigation change management and project controls.
- Good technical abilities to review the technical integrity of plans, details and Specifications.
- Experienced in fast-track projects and international contracts.
- Able to review tender requirements and contractual conditions, work Schedules, resource planning, performance chart, project monitoring for resources load and productivity including proper coordination of drawings with all involved disciplines, QA/QC, financial concerns and reports.
- Able to manage all architectural activities, engineering details, shop drawings,
- Coordination with other disciplines (electrical,



- Good knowledge of prevailing codes and standard planning and scheduling.
- Contract management and mitigation changement management and project controls.
- Good technical abilities to review the technical integri of plans, details and Specifications.
- Experienced in fast-track projects and internation contracts.
- Able to review tender requirements and contractulation conditions, work Schedules, resource plannin performance chart, project monitoring for resource load and productivity including proper coordination drawings with all involved disciplines, QA/QC, financi concerns and reports.
- Able to manage all architectural activities, engineering details, shop drawings,



Architect Dina Sadek **Operations Director** 

rds,	<ul> <li>Coordination with other disciplines (electrical,</li> </ul>
	mechanical, etc.) and people. To apply in principle the
nge	clients' requirements as prescribed by the concerned
-	regulatory bodies, prevailing codes and standards that
rity	will be required for the approval of the projects' necessary
3	permits, computer literate on applicable software for the
nal	discipline (AutoCAD, etc.)
	<ul> <li>Good knowledge and experience in specifications,</li> </ul>
ual	validations, evaluation and Documentation of fire
ng,	protection design including applicable standards and
ng,	
ces	codes such as NFBA, IBC and others related to the field.
n of	<ul> <li>Strong communication and presentation skills</li> </ul>
cial	<ul> <li>Ability in managing various projects simultaneously.</li> </ul>
	Managering of different phages

- Managing project different phases.
- Decision-making.
- Managing operators, sub-consultant & technical staff.





#### **Career Milestones** SDC Saudi Diyar Consultant [Project Manager]

- projects.

#### SETEC Egypt [Head of Architectural and **Design Department**]



Architect Dina Sadek **Operations Director** 

• Diyar Consultants is one of the leading multidiscipline design firms in the Middle East with a diverse portfolio of commercial, institutional, residential, hospitality, health care, as well as urban design projects.

· Joint Diyar Responsible of all "MOI" minister of interior of Saudi Arabia

• Setec Egypt is an international engineering consultancy firm, subsidiary from SETEC group, which is one of France's largest Engineering firms. · Joined Setec to promote the architectural field in Cairo Office and carry out the projects with all engineering disciplines.



#### Silhouette Design Office [Technical and Operational Manager]

Mission requested to enhance and develop the office with updated systems and new recruitments. **Mission accomplished with:** 



Architect Dina Sadek **Operations Director** 

• Set new criteria of business development plan.

• Hire new qualified staff according to the workload of current projects and evaluate the existing office stuff.

Manage all the projects and submissions required on time.

• Put server system for the CAD and Revit projects.

Create a design and presentation unit for proposals.

• Provide training to the team to enhance the quality of working drawings.

• Put plan to enhance the software and office equipment's.

• Finally moved the office to bigger equipped place.





16 years of extensive experience with Dar Al Handasah Consultants (Shair and Partners), [Architecture]

- considerable Experience in
- others.

#### Projects

- BAPCO Modernization Program;
- Arabia



Architect Dina Sadek **Operations Director** 

• Since graduation in 2000 with a BSc in Architecture I have gained a

• the architectural design and preparation of working drawings details for a wide Range of projects and managing the entire project design phases Playing a different roles as Architect/Group leader and acting as Project Manager on major Projects in Egypt, Lebanon, Qatar, Saudi Arabia, Kuwait ,Yemen, United Arab Emirates, Libya, Kazakhstan, Luanda, Angola and others. Encompassing; residential district and office developments, resorts, International Airports, hospitals, universities, King Abdul Aziz Endowment for the Two Holy Mosques, Special Forces Facility projects with Army and

• Palm Jumeirah Residences, **Dubai, United Arab Emirates** • Princess Nora Bint Abdurrahman University (PNU) - Building Works, Saudi





#### **Projects**

- Bint • Princess Nora AbdelrahmanUniversity(PNU)
- Campus Transit System, Saudi Arabia
- Completion of Design of the Special Forces Facility, **Kuwait.**
- Air Force Medical Centre, **New** Cairo, Egypt.
- · Al Qasr Development, Saudi Arabia.
- New Terminal Building at Sharm El-Sheikh Airport, Egypt.
- Hyatt Hotel in Nile City -Architecture Design and

Project Management, Egypt.

- Motor World Development, Abu Dhabi, UAE.
- Dubai International Airport Terminal 1 Expansion, **Dubai, UAE.**
- Al Waddan Theatre, Libya.
- Al Waddan Hotel, **Libya.**
- Design Modification for President Al-Saleh Mosque in Sana'a, Yemen.
- Management, Designand Supervision of Construction for Qatar National Library Project, **Qatar.**
- Almaty Financial District (AFD) North RFCA Furmanova and Complexes, Kazakhstan.
- AlmatyFinancialDistrict(AFD)Esentai 2, Markova and Alliance Complexes, Kazakhstan.



Architect Dina Sadek **Operations Director** 

- Facilities and Infrastructure Works at Dubai World Central, United Arab **Emirates.**
- Labor Accommodation and Stores at Industrial Area, **Qatar.**
- Development of King Abdul Aziz EndowmentfortheTwoHolyMosques No. 2, Saudi Arabia.
- Dubai Airshow Expansion, **UAE.**
- Development of King Abdul Aziz EndowmentfortheTwoHolyMosques, Saudi Arabia.
- · Lucrecia Paim Maternity, Luanda, Angola.
- New Doha International Airport -Ancillary Buildings, **Qatar.**
- BAPCO Modernization Program;
- · Palm Jumeirah Residences, Dubai,





#### **Projects**

#### **United Arab Emirates**

- Princess Bint Nora University Abdurrahman (PNU) - Building Works, **Saudi** Arabia
- Princess Bint Nora Abdelrahman University (PNU) - Campus Transit System, Saudi Arabia
- Completion of Design of the Special Forces Facility, **Kuwait.**
- Air Force Medical Centre, **New** Cairo, Egypt.
- · Al Qasr Development, Saudi Arabia.

- Sheikh Airport, Egypt.
- Egypt.
- Dhabi, UAE.
- Dubai International Airport Terminal 1 Expansion, **Dubai, UAE.**
- Al Waddan Theatre, Libya.
- Al Waddan Hotel, Libya.
- Design Modification for President Al-Saleh Mosque in Sana'a, Yemen.
- Management, Designand Supervision of Construction for Qatar National Library Project, **Qatar.**
- Furmanova Complexes, Kazakhstan.



Architect Dina Sadek **Operations Director** 

## • New Terminal Building at Sharm El-

 Hyatt Hotel in Nile City - Architecture Design and Project Management,

• Motor World Development, Abu

 Almaty Financial District (AFD) North RFCA and

- AlmatyFinancialDistrict(AFD)Esentai 2, Markova and Alliance Complexes, Kazakhstan.
- Facilities and Infrastructure Works at Dubai World Central, United Arab **Emirates.**
- Labor Accommodation and Stores at Industrial Area, **Qatar.**
- Development of King Abdul Aziz EndowmentfortheTwoHolyMosques No. 2, Saudi Arabia.
- Dubai Airshow Expansion, **UAE.**
- Development of King Abdul Aziz EndowmentfortheTwoHolyMosques, Saudi Arabia.
- · Lucrecia Paim Maternity, Luanda, Angola.
- New Doha International Airport -Ancillary Buildings, **Qatar.**







#### Architect **Dalia Bahig Projects Director**



#### Education

- Ain Shams University, Faculty of Engineering, Architecture department. 2000 Bachelor Degree of Architecture Science.
- 2019 Master's Degree in Architecture Sciences. Thesis Title "New techniques and materials for building elevations".
- Project Management Institute (PMI) 2019 PMP Certified Project Management Professional.
- Engineering Syndicate 2021 Certificate of a Consultant Engineer in the field of Design of Public Buildings "Administrative".

#### Courses

- Leadership skills (Lead the Leaders course).
- Project Management Professional (PMP) course.
- Sustainability (Green Architecture).
- Problem Solving & Decision making training.
- Risk assessment in design projects.
- English for business.
- Professional report writing.





- More than 22 years of extensive industry experience with a strong background in engineering, management and leadership in national and provincial projects.
   Capable of managing projects maintaining the desired values while controlling provided resources and available budgets considering aesthetics, sustainability, and safety, human and environmental aspects.
- Experience in project management coordination and client relations, high level of initiative, problem solving, multitasking and analytical skills for various mega scale projects.
   Experience in the development of RFIs in addition to RFQs and invoice preparation. Professional knowledge of building systems (Structural, HVAC, Mechanical, and Electrical).
- Experience has been formed in fields of framing vision, team management, projects executing, and providing
   Experience in construction methods, and building action plans starting from inception to launch.
- Experience in providing an organized framework to turn complex situations into simple strategic imperatives.



Architect Dalia Bahig Projects Director

• Experience in the development of drawings in compliance with local codes and bylaws.



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Career Milestones Jan 2022 [IEO Group]

**Project Director Projects: Neom Exhibition center/ Museum project Neom Digital Hub project Neom Mobility hub project STC/Aqalat Project** 

Dalia plays a key role in the overall success of our organization by planning, managing, and monitoring engineering functions. She is responsible for overseeing various engineering projects, processes, budgets, and timelines and making any necessary adjustments in order to ensure successful completion. Manage the relationship with the client and all stakeholders.

- Answer questions and resolve issues brought forth by the project team members.
- Measure project performance using appropriate systems, tools and techniques.
- Report and escalate to management as needed.



Architect **Dalia Bahig Projects Director** 

• Create detailed engineering plans, processes, and procedures for engineering staff to use and abide by.



**Career Milestones** Jan 2022 [IEO Group]

**Project Director** 

• Check and confirm the accuracy of the work performed and the methods used by engineering staff.

- Prepare and deliver various engineering-related presentations, both internally and externally.
- Create and maintain comprehensive project documentation.
- Conducting periodical design meetings and design workshops with client to solve the pending issues and to mitigate or avoid any potential delays in the actual progress, so as to achieve the planned progress. • Ensuring coordination across all disciplines with the design departments. • Understanding client priorities and responding appropriately, through proactive communication with client representatives on day to day progress and issues.
- Reviewing and developing design schedules in consistent with construction schedules and actual site work progress and re-prioritizing design submittals accordingly, as and when required.
- Coordinating & preparing Variation Orders for design changes including any extension of time required.



Architect **Dalia Bahig Projects Director** 



Career Milestones March 2020 – Dec 2021 **[GUTMANN ALUMINUM** SYSTEM SUPPLIER]

**Executive Manager Project:** 

- IDG-North Coast-Egypt.
- Consultants, Contractors, Fabricators, other Suppliers, extruders ... etc.) and internally all involved the project schedule.
- Technically check all received projects enquires before pricing
- both our company's goals and also meet the customers' expectations.



Architect **Dalia Bahig Projects Director** 

 Agricultural Bank-New Capital -Egypt. Knowledge City-New Cairo-Egypt. • Emaar Uptown Cairo-Mokataam- Egypt. Sukar Mall- 5th settlement-Cairo-Egypt. National Training Academy (NTA)-Sheikh Zayed- Egypt.

• Communicate with all stakeholders of the projects externally (Gutmann partner in Egypt (AOI), Clients, departments (Technical, Logistics, Finance ... etc.) to ensure project coordination and completion within

• Check our quotations before submitting to the customers and make sure that our prices could achieve



Career Milestones March 2020 – Dec 2021 **[GUTMANN ALUMINUM** SYSTEM SUPPLIER]

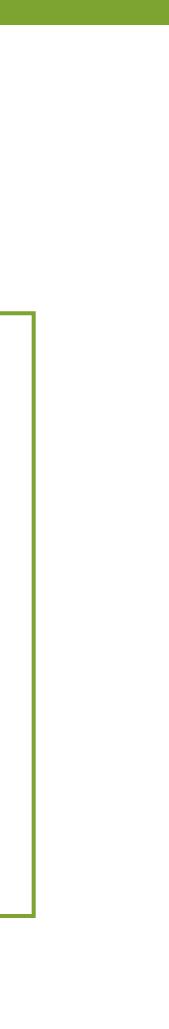
**Executive Manager** 

- time that meets the project's time frame.
- Reporting to the upper management on the department's progress.
- Creating change in the department that is beneficial to the company.
- Allocating budgets and implementing policies and procedures to achieve set goals.
- Creating a strategic workload balance and pre-empt possible resourcing issues.
- Managing personnel matters like recruiting and firing.
- Handling contract management and negotiation, as well as data performance analysis to make the best business decisions.
- Supervising a department's operations and activities.



Architect **Dalia Bahig Projects Director** 

• Communicate with the extruders and logistics team to ensure supplying the required materials on the suitable



### **Career Milestones**

Dec 2004 – March 2020 DAR AL-HANDASAH [SHAIR AND PARTNERS]

#### Project Manager Jan 2017 – March 2020 Project: New Administrative Capital, Governmental District Cairo-Egypt.

- Shared in design and safety review for mega project in the New Administrative Capital (Cabinet ,Parliament & Ministries buildings).
- Developing the design guidelines and bases of review criteria and scope of work.
- Following up and reviewing all agreed deliverables during design stages from concept to final design.
- Ensuring the implementation of all stockholders requirements within the approved schedule baseline.
- Cost controlling during design stages to keep the project on budget with the project manager.
- Ensuring the proper technical coordination between involved consultants and sub consultants.
- Managing & controlling projects documentation and communication.
- Preparing design progress reports and project status reports.
- Preparing meeting's agenda and following up the pending items



Architect Dalia Bahig Projects Director



**Career Milestones** Dec 2004 – March 2020 DAR AL-HANDASAH [SHAIR AND PARTNERS]

**Senior Architect** Oct 2010 – Jan 2017 Holy Haram Makkah and Surrounding Areas. Makkah – KSA.

- Shared in preparing the full envelope design and construction documents of the project.
- Guide a team of architect and draftsperson of 20 employees to prepare a full envelope design and construction drawings and tender documents.
- Preparing RFP for the façade of the projects and develop client`s design intent and set success criteria and milestones.
- Reduced project conflicts through client interaction and project management.
- Developing, estimating and control project`s schedule • Responding to site's requests for information & and design budget and develop scope of work. clarifications.
- Preparing schematic proposals for the envelope of the Preparing monthly progress reports for design and construction progress.



Architect **Dalia Bahig Projects Director** 

# **Project: King Abdul Aziz Project, Third Saudi Expansion of the**

- project, presentations for master plans, conceptual zoning and analyzing studies explaining the architectural concept.
- Technical coordination among all relevant trades to solve project problems.
- Reviewing specifications to match the Façade design drawings and design intent.
- Reviewing constructions submittals, detailed shop drawings and material samples delivered from contractors.



**Career Milestones** Dec 2004 – March 2020 DAR AL-HANDASAH [SHAIR AND PARTNERS]

**Team Leader** Sep 2007 – Oct 2010

- Manage and coordinate tasks for a group of 4 employees.
- m<sup>2</sup>, consisting of several podiums topped by 10 deluxe hotel towers, 7seasonal residences towers and 7 permanent residences towers. Total built-up area for the 24 towers is 508,599 m<sup>2</sup>. The podiums with a total built-up area of  $458,894 \text{ m}^2$ .
- effective manner.
- Developing project schedules and tracking work progress with various stakeholders.
- Prepare and review project related invoices and RFIs and reporting progress to the client.
- Audit, report and manage project drawings submissions and requests for the ISO portfolio and ensure drawings adherence to the ISO Standards and guidelines.

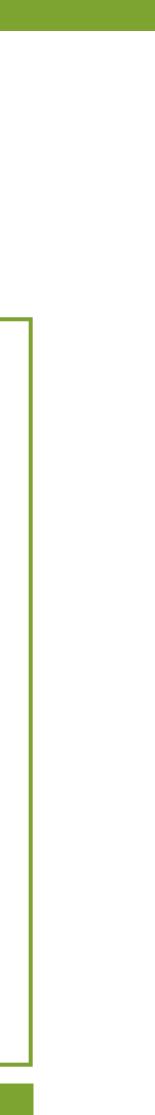


Architect **Dalia Bahig Projects Director** 

### **Project : Jabal Omar Development Project - Building Works, Makkah – KSA**

• Manage the occupancy master drawings of a first class mixed-use development on a site area of 116,535 accommodate a variety of shopping malls, restaurants, food courts, serviced villas and car-parking areas

• Coordinate with departments, and all teams involved ensuring project completion in a timely and cost



**Career Milestones** Dec 2004 – March 2020 DAR AL-HANDASAH [SHAIR AND PARTNERS]

**Project Manager** Dec 2006 – Sep 2007 - Smart Village, Egypt.

- Coordinate internal resources and client for the flawless Collaborating with architectural team and with other execution of project of 6-storey headquarters building on a disciplines. to achieve design goals. site area of 1,000 m<sup>2</sup> with a total built-up area of 8,000 m<sup>2</sup>. • Working to meet the expectations of the customer or client. The building provides 4,000 m<sup>2</sup> of office spaces in addition Delegating work where necessary and reviewing that work to a car parking facility at the 2 basement levels. when it has been completed.
- Developing project scopes and objectives, involving all relevant stakeholders and ensuring technical feasibility.
- Ensure resource availability and allocation.
- Develop a detailed project plan to track progress.
- ensure it remains tenable. • Use appropriate verification techniques to manage changes in project scope.
- Ensuring that the design work is of sufficient quality and that all directives are being followed.



#### Architect **Dalia Bahig Projects Director**

# **Project : Corporate Leasing Office Building**

- Creating innovative ideas and designs and putting them into a context that the rest of the team and the client/customer can understand.
- Developing a budget and analyzing that budget regularly to
- Mentoring and guiding team members and motivating them to achieve their goals.
- Prepared conceptual design presentations to clients and management.



**Career Milestones** Dec 2004 – March 2020 DAR AL-HANDASAH [SHAIR AND PARTNERS]

**Team Leader** Feb 2006 – Jan 2007 neighborhood, Riyadh KSA.

- Coordinate with all departments & teams involved (Structural- Electromechanical -Landscape schedule with the standard quality.
- Manage and coordinate tasks for a group of 2 employees for a project of a new residential district on a site area of 816,438 m<sup>2</sup>, comprising housing, commercial, offices and leisure spaces. 4 types of built-up area of 275,000 m<sup>2</sup> (130 buildings), 4-storey mega shopping mall (built-up area of 61,000 m<sup>2</sup>), commercial/residential buildings are located along the main project spine with a total
- built-up area of 380,000 m<sup>2</sup>. The whole development is served by 6 mosques.
- building code.



Architect **Dalia Bahig Projects Director** 

# **Project: Al Qasr Development, Al Sweedy**

-Transportation-Infrastructure -etc.) to ensure project coordination and completion within the project

2-storey private villas with a total built-up area of 83,000 m<sup>2</sup>, 5-storey apartment buildings with a total

• Designed and developed architectural drawings for residential buildings according to the Saudi Arabia



#### Career Milestones

Dec 2004 – March 2020 DAR AL-HANDASAH [SHAIR AND PARTNERS]

**Junior Architect** Dec 2004 – Feb 2006 **Project:** 

- and Other Buildings, Nigeria.

- Dakar Senegal.
- Dubai International Airport.



Architect **Dalia Bahig Projects Director** 

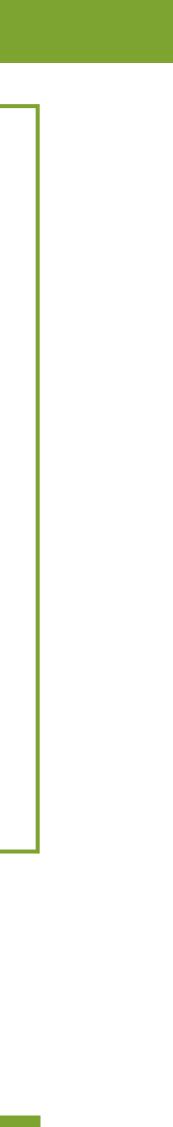
Ogun State Cargo Airport Project - Terminal Building, Control Tower

• Jamarat Bridge - External Works & Infrastructure Makkah – KSA. • New Control Tower at Cairo International Airport, Cairo- Egypt. Blaise Diagne International Airport - Terminal & Other Buildings,

• Princess Nora Bint Abdurrahman University, Riyadh KSA.

President Al-Saleh Commercial Complex, Yemen.

• Entertainment City Resort Project, Sharm El-Sheikh, Egypt



### Career Milestones Aug 2000 – Dec 2004 [CCC & ORASCOM CONSTRUCTION LTD JV]

#### **Project Architect Project : City Stars at Heliopolis- Cairo Egypt.**

- Developed architecture design and working drawings of residential, hospitality and commercial buildings according to the Egyptian code.
- Developed landscape detailed drawings for the project.
- Coordinated construction documents with other team members and related disciplines.
- Supervised and responded to Request for Information (RFI) during several stages of projects.
- Coordinate the details on site.



Architect Dalia Bahig Projects Director

Coordinate the As Built drawings with respect to the achieved





#### Architect **Mohamed Fawzy** Design Manager



#### Education

- BSc, Architectural Engineering, Benha University, Egypt.
- Egyptian Syndicate of Engineers, since 2000
- Project management Professional (PMP), Project Management Institute (PMI), USA since 2011. Registration No.1395313.
- LEED Green Associate, Green Building Certification Institute (GBCI), USA, since 2013.
- Engineering Syndicate 2022 Certificate of a Consultant Engineer in the field of Design of Health Care Facilities.
- Overall experience of 23 years in handling and managing all facets of the architectural design and design review of major building projects, including large mixed-use complexes, hospitality and healthcare facilities, prestigious urban developments, high end private residences and others.



#### 2020 to date

IEO Design Services | Design Manager

#### 2018 to 2020

Head of the Architecture team in the consulting office of German University in Cairo (GUC).In addition, technical support and following up the construction process for the following Projects:

- GUC Educational Hospital (400 bed)
- The hospital is approximately total built-up area 72,000 square meter and consisting of three basement floors 2008 to 2018 as a podium in addition to four towers, each tower is With Dar Al-Handasah Consultants (Shair and Partners), composed of four floors that hold many different medical functions along with the relevant supportive facilities **2017 to date** as Senior Architect & Deputy Manager. Responsible for handling and managing the following and logistics.
- GUC Educational buildings: South K, Complex A,



Architect **Mohamed Fawzy** Design Manager

Hospitality	Building.
-------------	-----------

• The buildings have been designed as universal & multipurpose buildings and will be utilized according to the GUC needs. The buildings are currently constructed as Core & Shell with the main facilities (Vertical elements, Wet areas & External envelope).

projects





 Madinaty Medical Center, Egypt.Detailed design (under BIM management) and tender documents for an integrated, onehundred hospital with total built-up area 32,500square meter. The Medical Center is in Madinaty North Sector and approximately one kilometer southof Cairo-Suez Road to service Madinaty development in new Cairo. The hospital is composed of basement, ground and 3 floors that hold many different functions such as Ambulatory Services (15 clinics), Day Surgery Unit (2 Operating rooms), Endoscopy Unit, Cardiovascular Noninvasive Diagnostic, Emergency Department, Full Radiology Services, Surgical Unit (3 large operation rooms), Cardiovascular Invasive (Cath-Lab unit), Critical Care Unit (ICU), Caesarean Delivery (2) C-Section rooms), 4 Labor, Delivery, and Recovery (LDR), Neonatal Intensive Care Unit (NICU), Pediatric Critical Care Unit (PICU), Obstetrics/Gynecology & Pediatric inpatient Unit, and Medical/Surgical inpatient Unit. In addition, to the Medical Support and Logistics: Pharmacy, CSSD, Food Services, Laundry, Security, Facility & Bio-Med workshop, Housekeeping, IT, Facility Management and Morgue.

2017 to date as Senior Architect & Deputy Manager. Responsible for handling and managing the following projects:



Architect Mohamed Fawzy Design Manager



· Consultancy Services for Al Waab City Central District - Phase 1, Doha -Qatar.Detailed design (under BIM management) and tender documents for a project with estimated projected population around 10,000 people. When complete, AWC will offer 336,800 square meters of residential uses and furnished apartments, 15,900 square meters of retail / showroom program, a 5 -star hotel with 25,700 square meters of built area, and 5,670 square meters of office spaces, all connected along a comfortable and attractive central promenade, nurtured with family and children friendly places; with appropriate vegetation, water features, art displays and shading devices.

2017 to date as Senior Architect & Deputy Manager. Responsible for handling and managing the following projects:



Architect Mohamed Fawzy Design Manager

 Phase 1 is consisting of the entire infrastructure services of Al-Wa'ab City and the development of 6 parcels that include Commercial/Office Building; Gateway with fully furnished apartments ; 3 towers with a gross floor area of 60,982 m<sup>2</sup> for residential use and 1,750 m<sup>2</sup> for retail services; 4 towers with a gross floor area of 91,518 m<sup>2</sup> for residential use, 2,127 m<sup>2</sup> for retail services and 169 m<sup>2</sup> for public facilities; townhouse apartments; Water pumping station; and the main primary substation.



2017 to date as Senior Architect & Deputy Manager. Responsible for handling and managing the following projects:

- hotel facilities.



Architect Mohamed Fawzy Design Manager

• Doha Marriott Gulf Hotel, Doha - Qatar. Detailed design and construction supervision for the upgrading and modernization of a 5-star business hotel consisting of 2 wings (Total built-up area: 43,606 m<sup>2</sup>). The hotel is composed 362 guestrooms in 8 and 12-storey buildings in addition to restaurants, retail spaces, meeting areas, convention center and Spa/fitness area. The scope covered electromechanical and infrastructure services, parking, and other

• Neuroscience Centre, Riyadh - Saudi Arabia. Detailed design (under BIM management, according to LEED requirements, and in compliance with AIA & FGI healthcare guidelines) and tender documents for a 12-storey healthcare facility (47,319 m<sup>2</sup> built-up area) at King Saud Bin Abdul Aziz University (KSAU) for Health Sciences in Riyadh, consisting of ground floor (entrance, lobby, managerial, material management, inpatient & outpatient pharmacies and electromechanical services); two floors for diagnostic, medical imaging, treatment and ambulatory clinic functions; one floor for surgery, interventional procedures, stat lab and blood bank; one floor for administration services; two electromechanical floors; five floors accommodating the 32-bed Critical Care Unit and the





#### 2008 to 2017 as Group Leader Architect:

Responsible for the architectural design, including coordination with other trades, and preparation of tender and construction documents (drawings, specifications, cost estimates and other technical design documents) for the following projects:

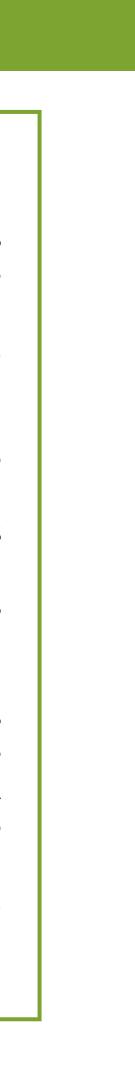
- Responsible for the architectural design, including coordination with other trades, and preparation of tender and construction documents (drawings, specifications, cost estimates and other technical design documents) for the following projects:
- Asian Restaurant and Tea Lounge at the Intercontinental Hotel, Doha - Qatar. Detailed design and tender documents for the renovation to the tea lounge, seafood restaurant, toilets, back of house areas and kitchen, including all electromechanical and infrastructure systems.
- Makkah Holy Mosque Hospital (197 Bed) Makkah Saudi Arabia. Detailed design for a full-service hospital with 166,500 sq. m. builtup area hospital that composed of 33-story tower. The lower 15 floors include 4 basements, Ground floors and 10 floors dedicated to diagnostics, therapy, emergency and outpatient services in addition to the hospital supportive facilities such as food service, education, pharmacy and laboratory services. The 197-bed in patient area accommodate a range of specialized, acute, and intensive



Architect Mohamed Fawzy Design Manager

care patients. Along with emergency access on the lowest level of the facility, patients can access the hospital through a tunnel that connects the hospital to the Grand Mosque. The upper floors 11 floors are the residential potion for the hospital staff that provide and support the housing needs of 474 staff. Topping the building is a two-story suit for use by the Minister administrative, social, and private living activities.

· Jabal Omar Development Project- Makkah- Saudi Arabia Jabal Omar Development Project is situated on a 230,000 m2 land to the west of the Grand Mosque (Al-Haram) in the downtown central area of Makkah -K.S.A. The project is composed of 40 towers situated on top of 16 structural bases with a total built-up area of approximately two million square meters. The project houses an array of hotels, apartments, residential units, and malls. Upon completion, Jabal Omar project will include a variety of five and four star hotels with the capacity to host up to 36,000 guests annually and in excess of 100,000 visitor during Hajj season. The project is owned, and developed, by Jabal Omar Development Company (JODC). The aim of Jabal Omar (JO) development is to provide first class accommodations and supporting facilities and services for the visitors and residents of the holy city of Makkah. The development will significantly enhance accommodation and other facilities for the ever-increasing number of pilgrims and seasonal visitors to Al-Haram



2007 to 2008

Founder and manager leading the architectural design of the following Projects: • 500-bed prototype hospital in Saudi Arabia for the Ministry of Health. • 50-bed hospital in Libya.

- · Commercial building in Libya, accommodating shops, 2 hypermarkets, 4 cinemas and 2 bowling alleys. Total built-up area: 82,000 m<sup>2</sup>.
- Design Competition for Mubarak Library in, Cairo, (Second prize).

• Participated as Architecture Group Leader in the architectural design, including coordination with other trades and preparation of the technical design documents, for an office building with total BUA 33,000 m<sup>2</sup> in Erbil, Iraq.

leading the architectural design EL-Ahmadi – Madinah. activities for hospitality, healthcare · A Hotel (Zone 1059). – Madinah. and office building projects in · A Hotel (Zone 5020). – Madinah. Madinah and Khobar, Saudi Arabia · El-Moussa Office Building. - AL such that:

2007 With International Design Group (IDG) Office, Kuwait,

2006 to 2007 With Prof. Dr. Ahmed Fared Hamza Office for Architectural Design, Egypt,



Architect Mohamed Fawzy Design Manager

- **Participated as Office Manager and** A Hospital for DR. Hamed Suliman

  - Khobar.





Project, Egypt.

2005 to 2006 With TAV Tape Akfen Investment, Turkish Construction and Operation Co,

#### Participated as an architect in the architectural design development for the following projects in Saudi Arabia:



2003 to 2005 With Al-Esteshareyoon - Zuhair Fayez Partnership, Egypt, Architect Mohamed Fawzy Design Manager

 Participated as Architecture Group Leader/Project Coordinator inthe construction of Cairo International Airport Terminal Building 3 (TB3)

 National Commercial Bank – Riyadh King Abdul-Aziz AL-Saud University – Madinah Prince Mohamed Bin Fahd University – AL Khobar King Abdul-Aziz City for Science & Technology – Jeddah Arms&Ammunitionsfacilities&schoolsforgeneralsecuritydepartment. Jeddah Central Fruit & Vegetable Market – Jeddah Mr. Abdullah AL-Sady Villa – Jeddah • Eng. Essam AL-Bayat Villa – AL Khobar • Dr. Nizar Madany Villa – Jeddah AL-Waalan Investment Mall – Riyadh



2000 to 2003 With Prof. Dr. Ahmed Fared Hamza Office for Architectural Design, Egypt,

#### Participated as an architect in the architectural design development for the following projects:

- EL-Alaman Airport–Terminal Building. EL-Alaman/Egypt.
- The External Clinic for El-Sheikh Khalifa Hospital Ajman/U.A.E.
- A Hotel (Zone 2067). Madinah/K.S.A.
- AHotel (Zone 5040). Madinah/K.S.A.
- A Rehabilitation Center Hael/K.S.A.
- An Office Building Damam/K.S.A.
- An Office Building (AL-Adel Company) Design & Working Development.
- The Cancer Center Mansoura University (QS BILLS Preparation).
- A design Competition for Tanta Branch of Engineering Association- (Third Prize).



#### Architect Mohamed Fawzy Design Manager

• A Private Villa at EL-Obour City-Cairo/Egypt.







## **IEO Sectors**



### Hospitality



### Residential



Governmental



### Industrial









87566-657-45

0653452-5468-54

MONEY

ENTERPRISE

Services



PAYMENT PRODUCT MANAGEMENT MONEY BUSINESS

MANAGEMENT EXCELLENCE



# **DESIGN SERVICES**

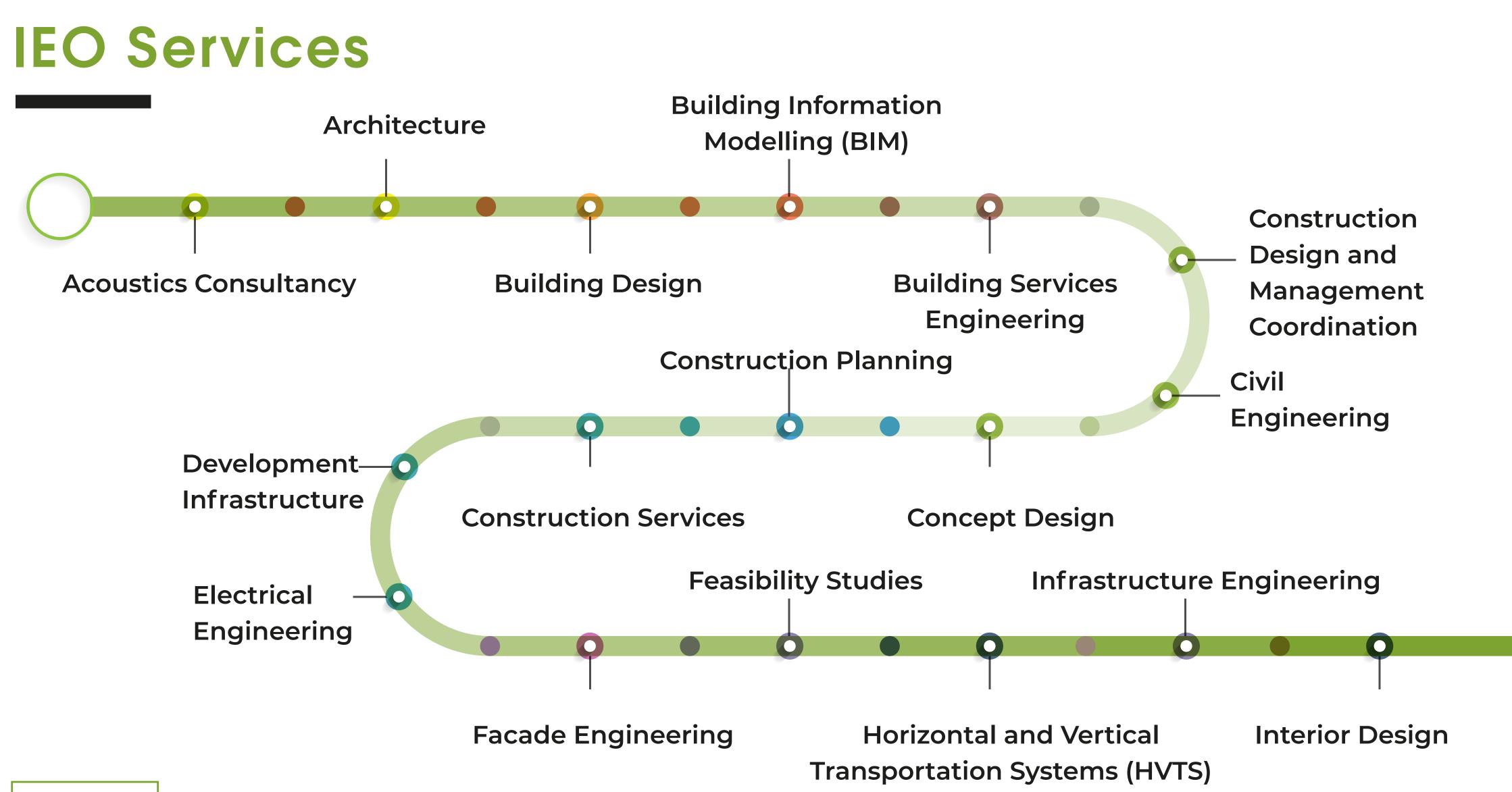
SORPORAT SUCCESS-ENTERPRISE COLLABORATION

PARTNER

I'go

MANAGEMENT



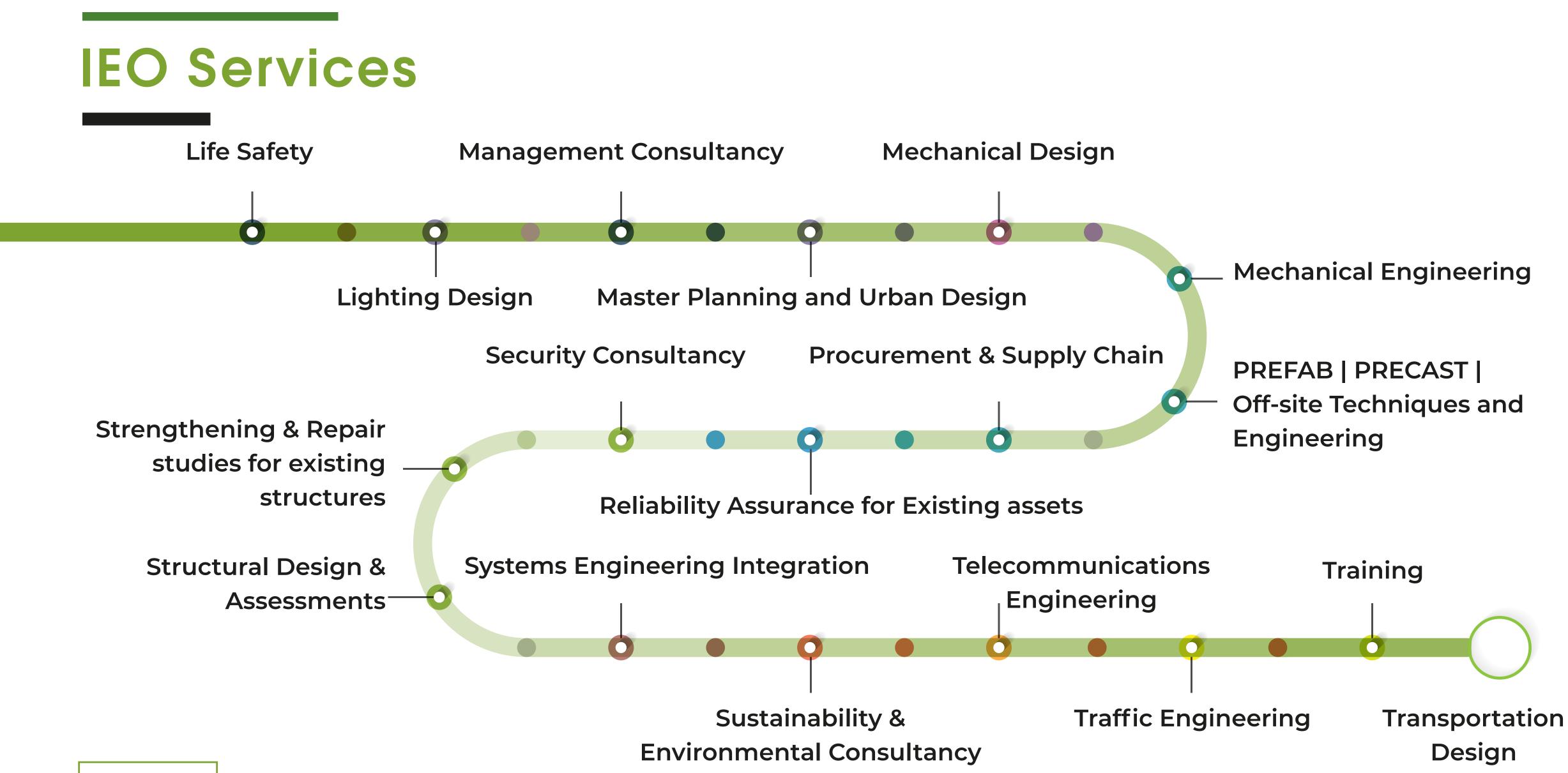














# Servic





## Prequalification



File	Document No	Revision	Title	Status
ኤ	1SV10110-110C08-BEC-PRQ- DM-0001	C0	Prequalification of IEO-Design Services- Pitch Booklet 2023	Accepted with Comments

#### MESSAGE

#### Workflow Review History

The attached documents have completed the \*110C08 - Prequalification Approvals - Prequalification of IEO-Design Services- Pitch Booklet 2023" workflow with the following results :

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Doc No	Step	Participant	Review Outcome	Comments
1SV10110-110C08-BEC- PRQ-DM-0001	SC_QA/QC Check	A Siddik	Accepted	

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TO : Saudi Consulting Services Co. (SAUDCONSULT) FROM: Be	ijing Emirates	international Compan	y (BEC)	SAUDCONSULT		WORKFLOW	TRANSMITTAL	01	SC-WTRAN-005351
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ITEM DESCRIPTION		CONTRACT REF.	ACTION CODE	MAIL TYPE		MAIL	NUMBER	REF	FERENCE NUMBER
Prequalification for IEO Technical office for Value Engineering and Techn	ical Support.	5.1.1	В	Workflow Tra	ansmittal	0SC-	WTRAN-0053	351 OSC	C-WTRAN-005351
	6-			Final (WF	-001118) 21. (	Coordinatio	on Material	/Document (CON	1D)
CONTRACTOR'S REMARKS: WE CERTIFY THAT THE ABOVE SUBMITTED ITEMS HAVE BEEN	BEC	=) offer							
REVIEWED IN DETAIL, AND ARE CORRECT AND IN STRICT CONFORMANCE WITH THE CONTRACT DRAWINGS AND Engr. Ahmed AbdulQa QA/QC Manager	wy	Engr. Ahmed AbouelGha Project Manager	ar	From	Mr Red	a Gad - SAUDCO	NSULT		
CONSULTANT COMMENTS / APPROVAL:				To (13)	Mr Faha	ad Alfuraih - Aqala	at (+12 more)		
-IEO is approved for design Sorr			works	Cc (6)	Mr Abd	ullah Algubair - Ad	alat (+5 more)		
- CX of Lead decipline and Proj mongor to be submitted for	a peroval	Engr. QA/QC		Sent	Wednes	sday, June 22, 20	22 10:01:34 AM A	ST (GMT +03:00)	
- schematic diagram & submit		OP	1	Status	N/A				
Life Cycle indicating Line of Reviewed & Signed by. Communication to be submi	1. 1	Engr. Reda Gad		DOCUME	INT ATTACHMENTS	(1)			
Sr. Discipline Engineer AQALAT COMMENTS / CONCURRENCE: for approva	100	Sr.Project Manager		(0 selected)					
		Engr. Fahd Alfuraih Poject Director		File	Document No	Revision	Revision Date	Title	Status
Distribution: Original to Contractor CLIENT C Approval shall not releve the contractor of his liabilities under the Contract or constitute authorization of any general combinance with design concept of the project and general compliance with the information given	in the contractor do	Consultant		یر	STC-BEC-PRQ-GEN GEN-0215	. 00	6/16/22	Prequalification of IEO for V Engineering.	alue B - Approved with Comments
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07.03.22	-				-	ed the "21. Coordi	nation Material /D	ocument (COMD)" workflow w	ith the following results :
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					SC DC		M Mohd Al Mubar	ak A - Approved	
					SC QA/QC		T Al-Jaafari	A - Approved	

STC-DOC







# **Projects Portfolio**

+400Projects

Egypt Kingdom of Saudi Arabia United Arab of Emirates Lebanon Ghuinea Ghana



Beijing Emirates International Company [Real Estate] **(BEC)** 

Ministry of Housing\_National Housing Company (NHC - KSA)





**Contract Period:** January 2020 to date.



**Budget:** 5.50 Billion SAR



# Projects

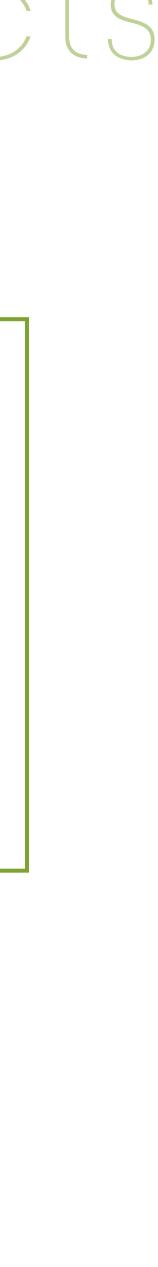


## Description

The project is one of the mega-pilot projects in the development of the housing sector in the Kingdom of Saudi Arabia. NHC in cooperation with major companies in the real estate development sector- aimed to design, construct and do **marketing of 17,000 Housing Apartments [800 Buildings]**, Commercial retails, Worships, Social Amenities, Infrastructure and Utilities of varying sizes and designs featured in Mixed- Use residential communities have the character of distinctive architecture. The housing units are distributed in various regions of the Kingdom, while the construction methodology is using the latest state-of-art and off-site techniques to ensure the execution of the highest quality within the planned date of completion as a fast-track project.



# Projec



IEO's Scope

- · Lead design role responsible for delivering the developmental housing project in accordance with the signed contract.
- The design is based on the concept masterplans provided by BEC, to include housing apartments (800 buildings), Commercial retails, Worships, Social Amenities, Infrastructure and Utilities.
- · Liaison with local consultants "AoR" to assist in the procurement of all required permits and approvals.
- Local Authority Approvals; complete the applications process for required permits from relevant authorities.
- · Comprise comprehensive design services "all disciplines" (concept, schematic, detailed design, tender and construction documentation, workshop drawings, BIM services, and Technical support during construction), including all specialist design services.













# Projects





### Project References











## Construction Methodology





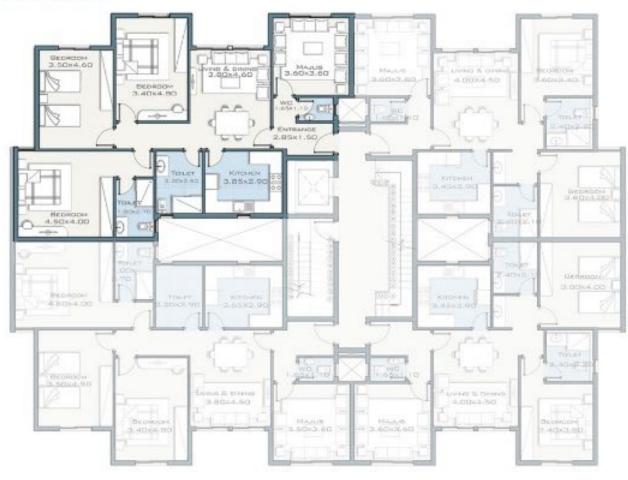
# Projects



#### **3 BEDROOM APARTMENT**



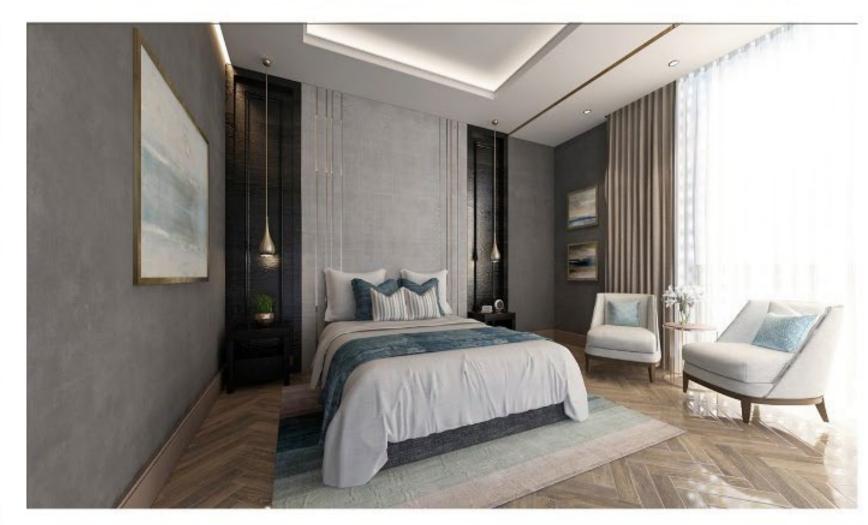
KEY PLAN







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# $\gamma rojects$

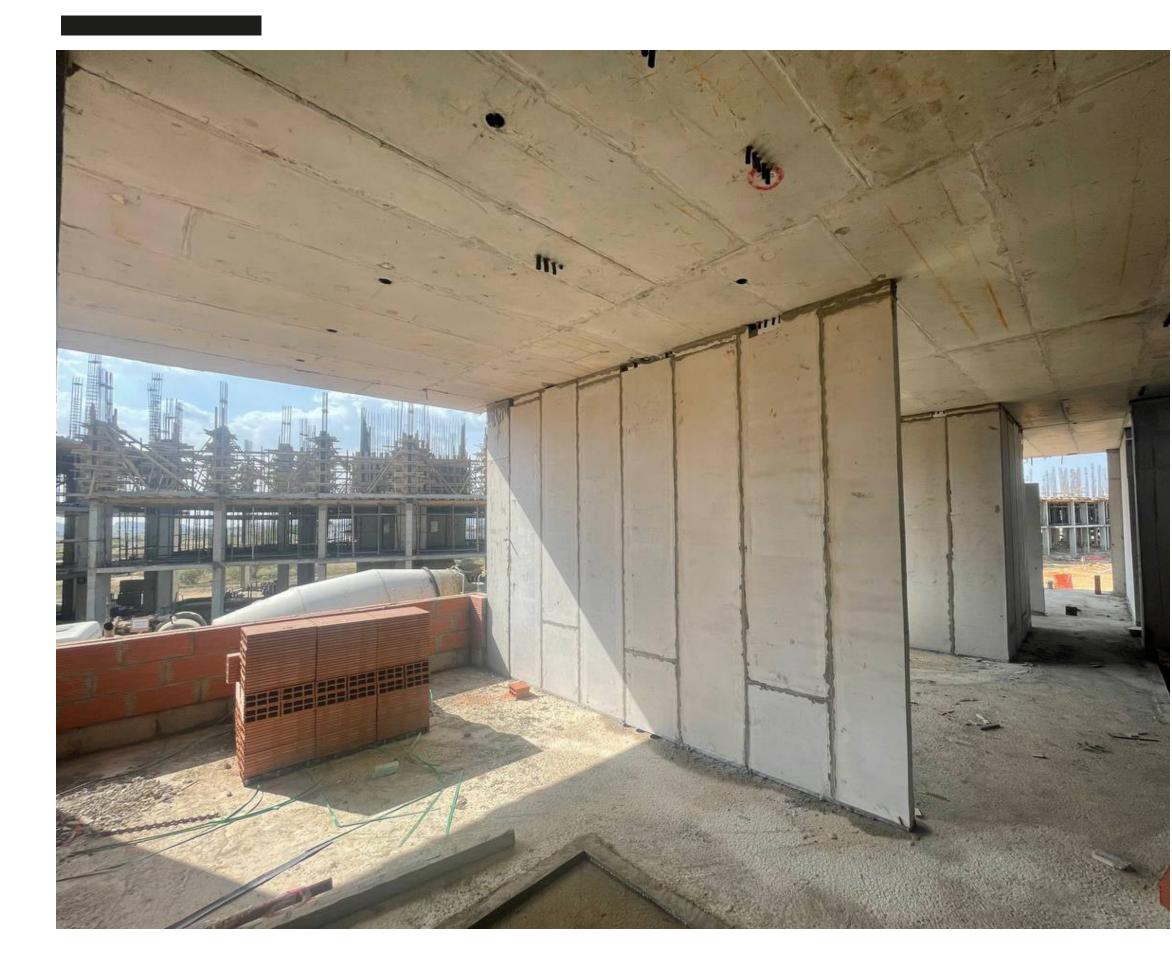






# O|ects



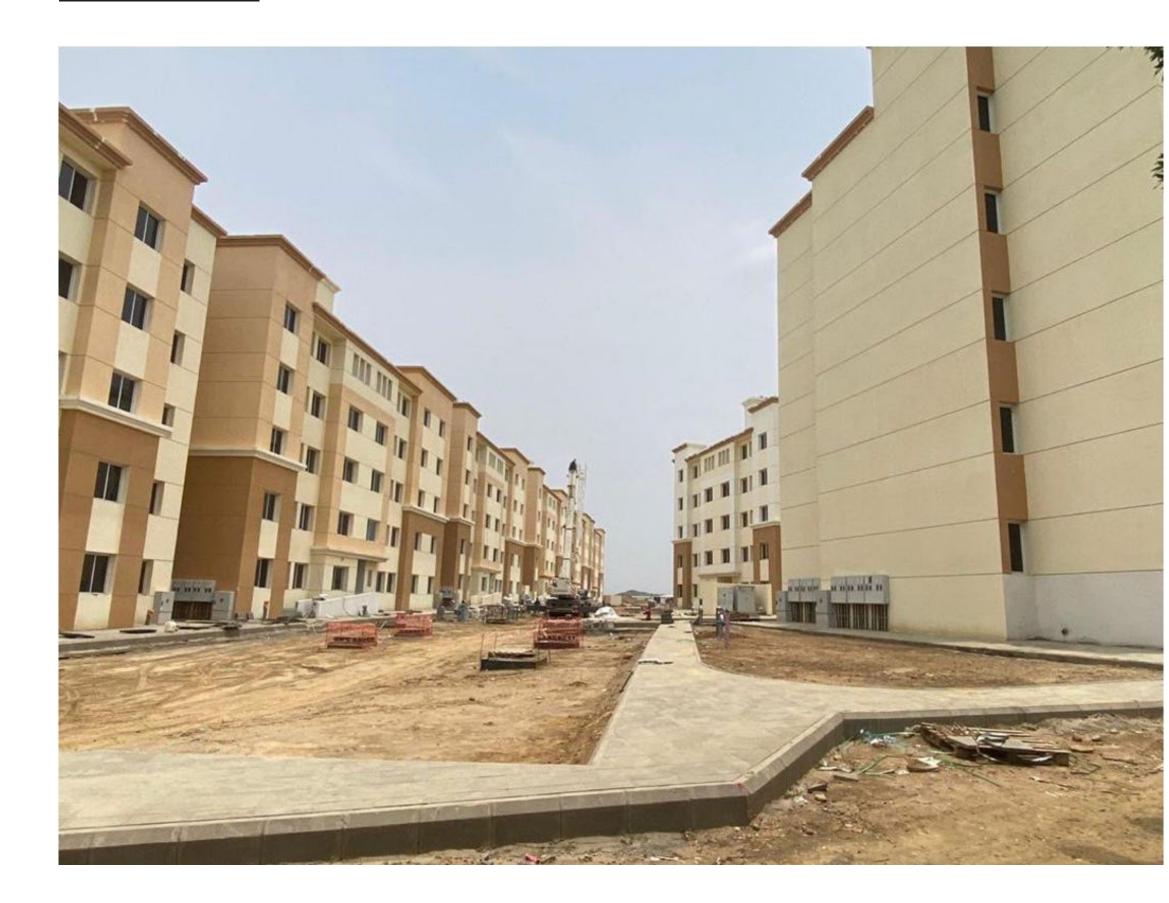




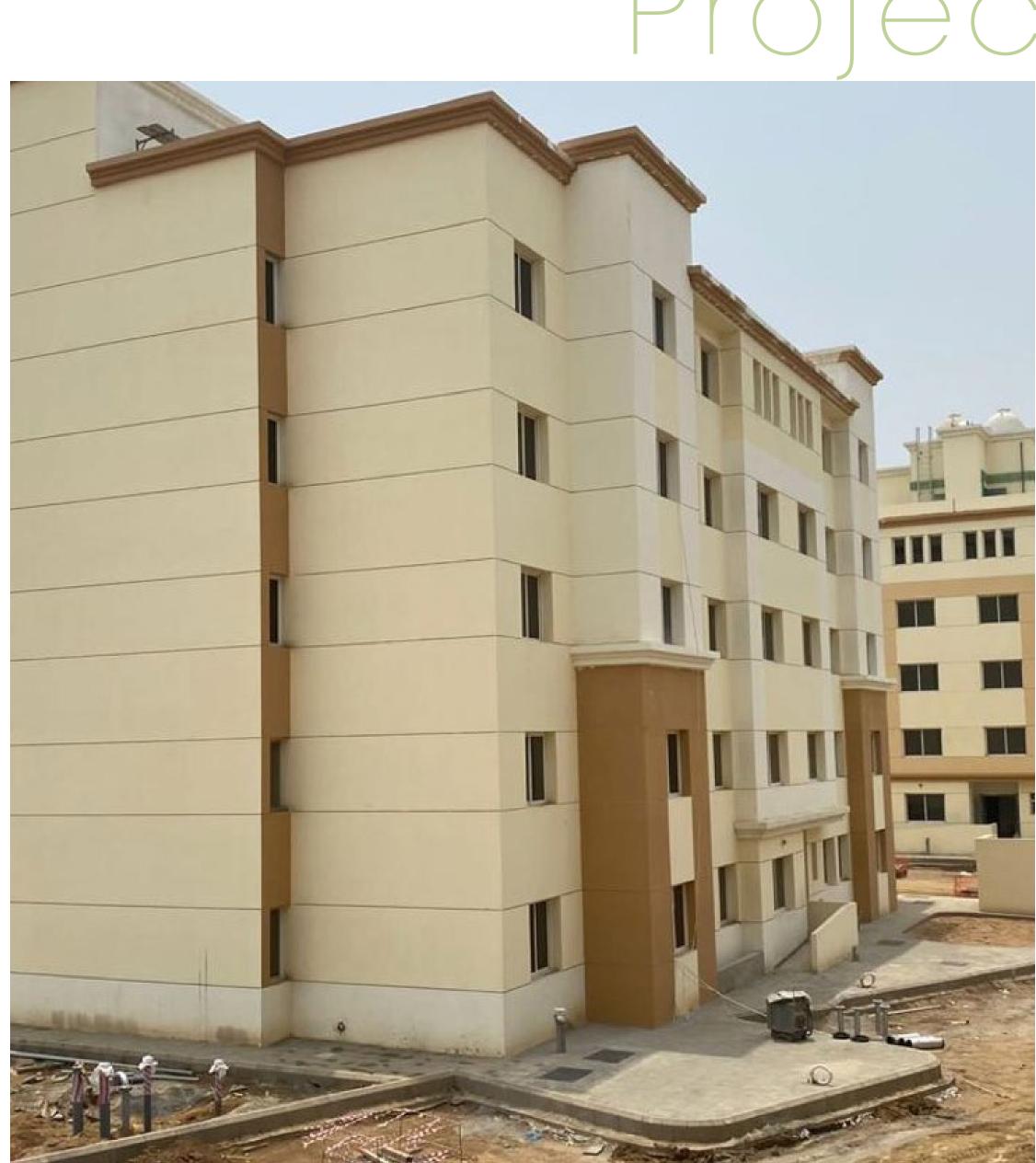
# Projects











#### Phase 01



#### Location:

Riydah, Kingdom of Saudi Arabia.





**Contract Period:** Jan. 2022 till Dec 2025

### IEO's Scope

- Design Assessment & Peer Review.
- Design Completion.
- Value Engineering.
- Shop Drawings & BIM Modeling.
- Technical Support.
- Redesign of Block (F).



# Projects











# Projec















# **Yrojects**

#### Phase 01



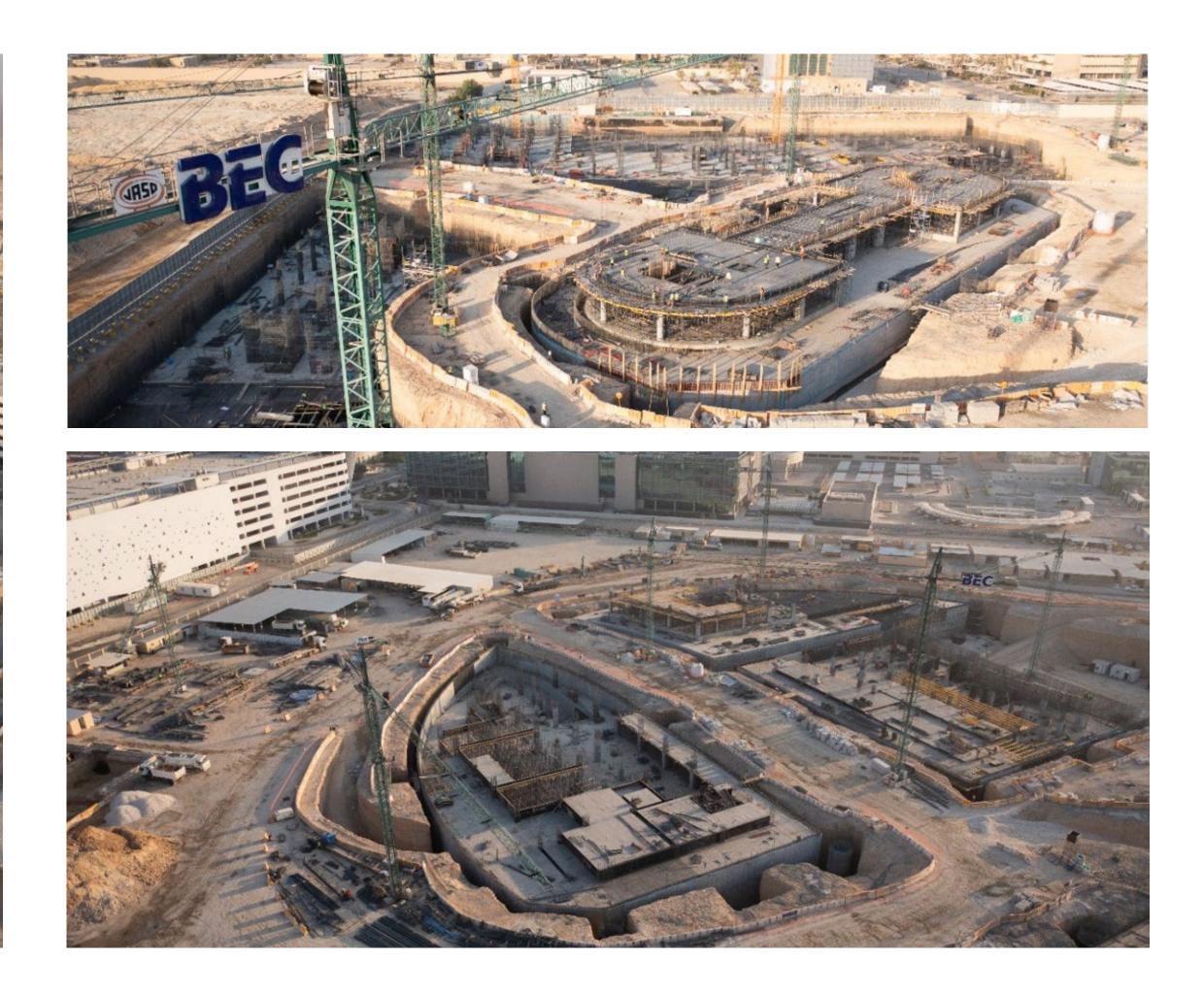








# Projects









# Projects









# Projects





### Client : NEOM | Bec



#### Location:

Tabuk, Kingdom of Saudi Arabia.





**Contract Period:** Feb. 2022 till June 2025

### IEO's Scope

- Design (concept, schematic, detailed design, construction documentation) including all specialist design services & interior Design.
- Workshop drawings, BIM Modeling.
- Technical support during construction period.





# Projec





S





# Projects

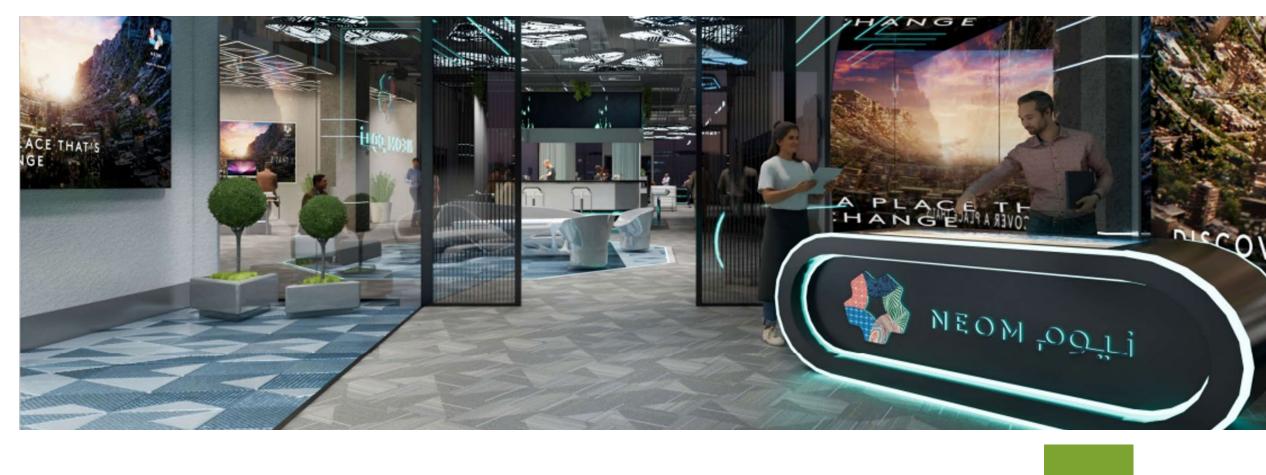




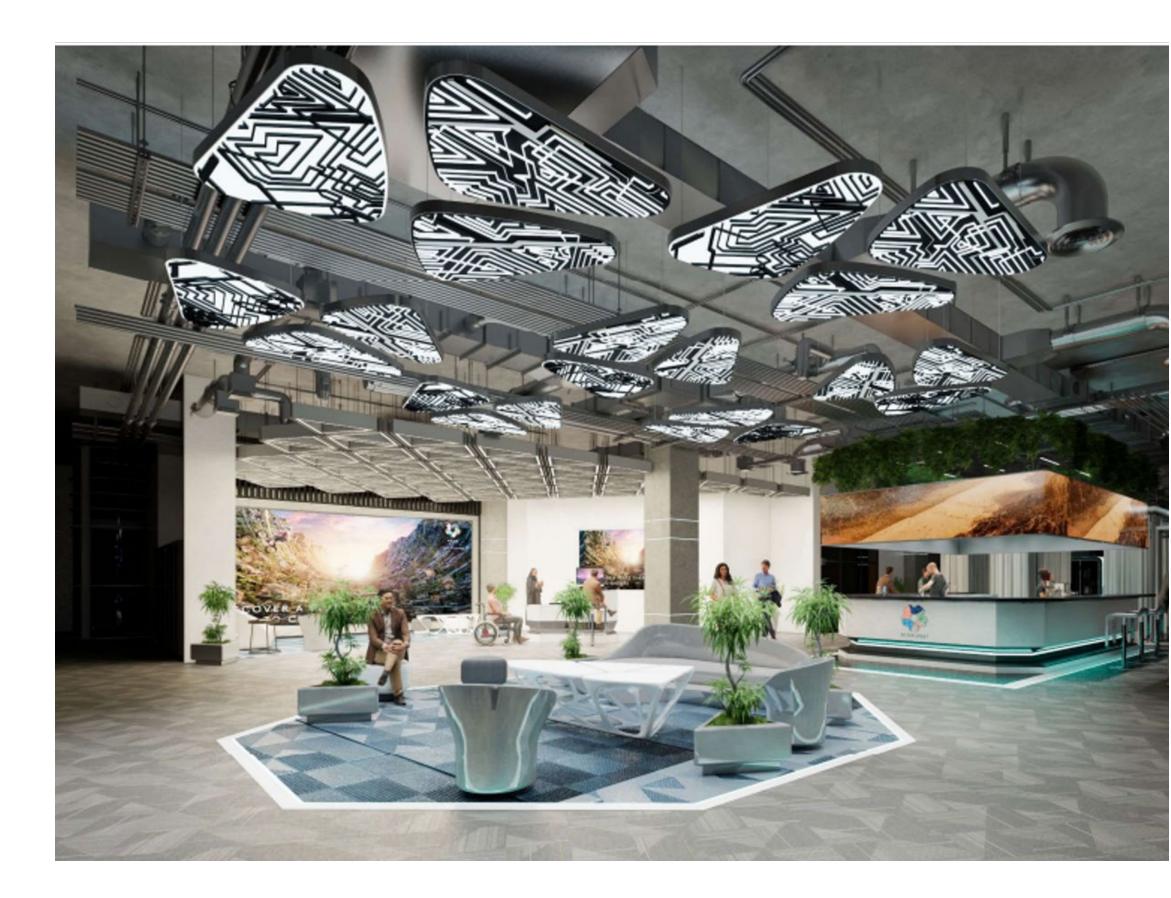






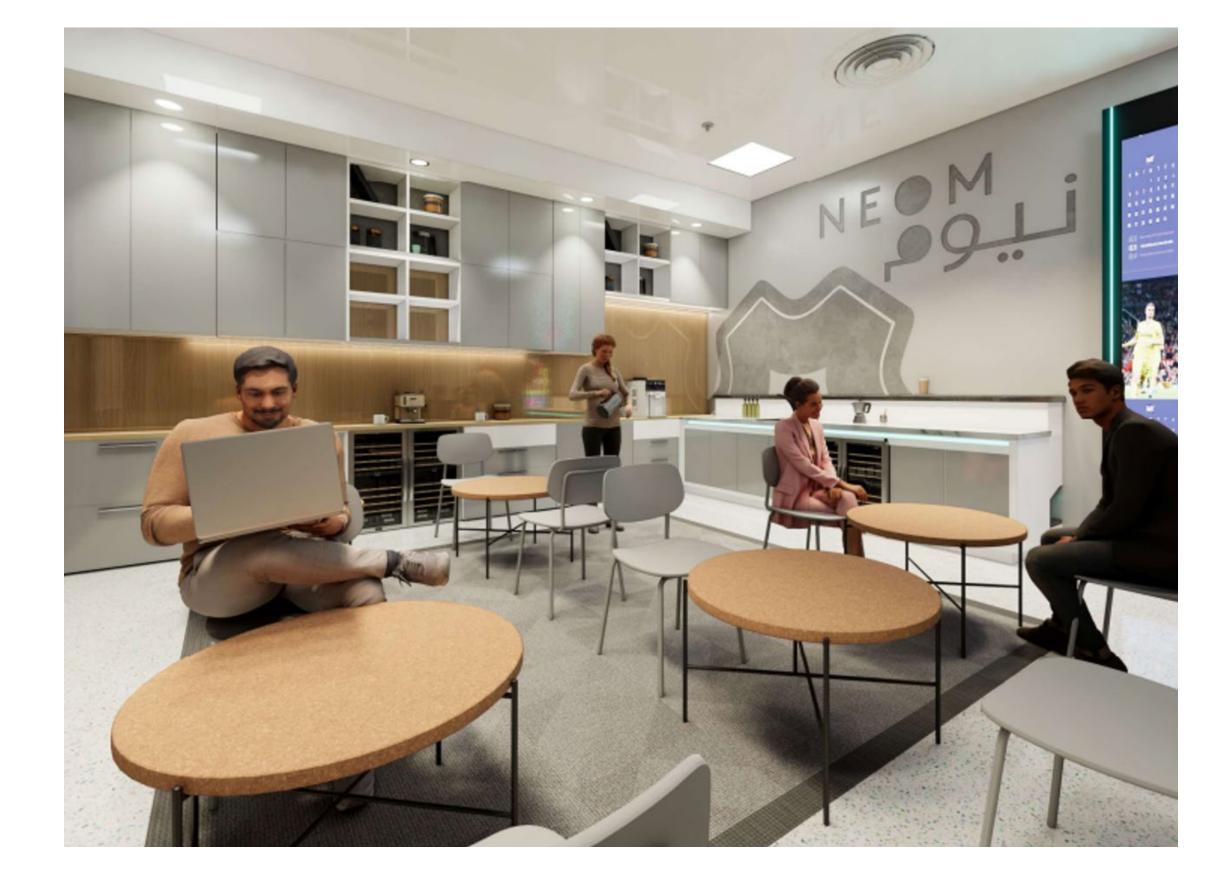








# Projects







# Projec













# Projects







# Projects



# Projects





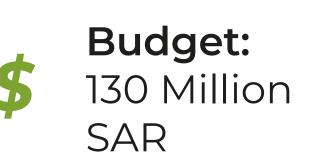
# Projects

### Client : NEOM | Bec



#### Location:

Tabuk, Kingdom of Saudi Arabia.





**Contract Period:** Nov. 2022 till Aug. 2023

## IEO's Scope

- Design (concept, schematic, detailed design, construction documentation) including all specialist design services.
- Workshop drawings & BIM Modeling.
- Technical support during construction period.





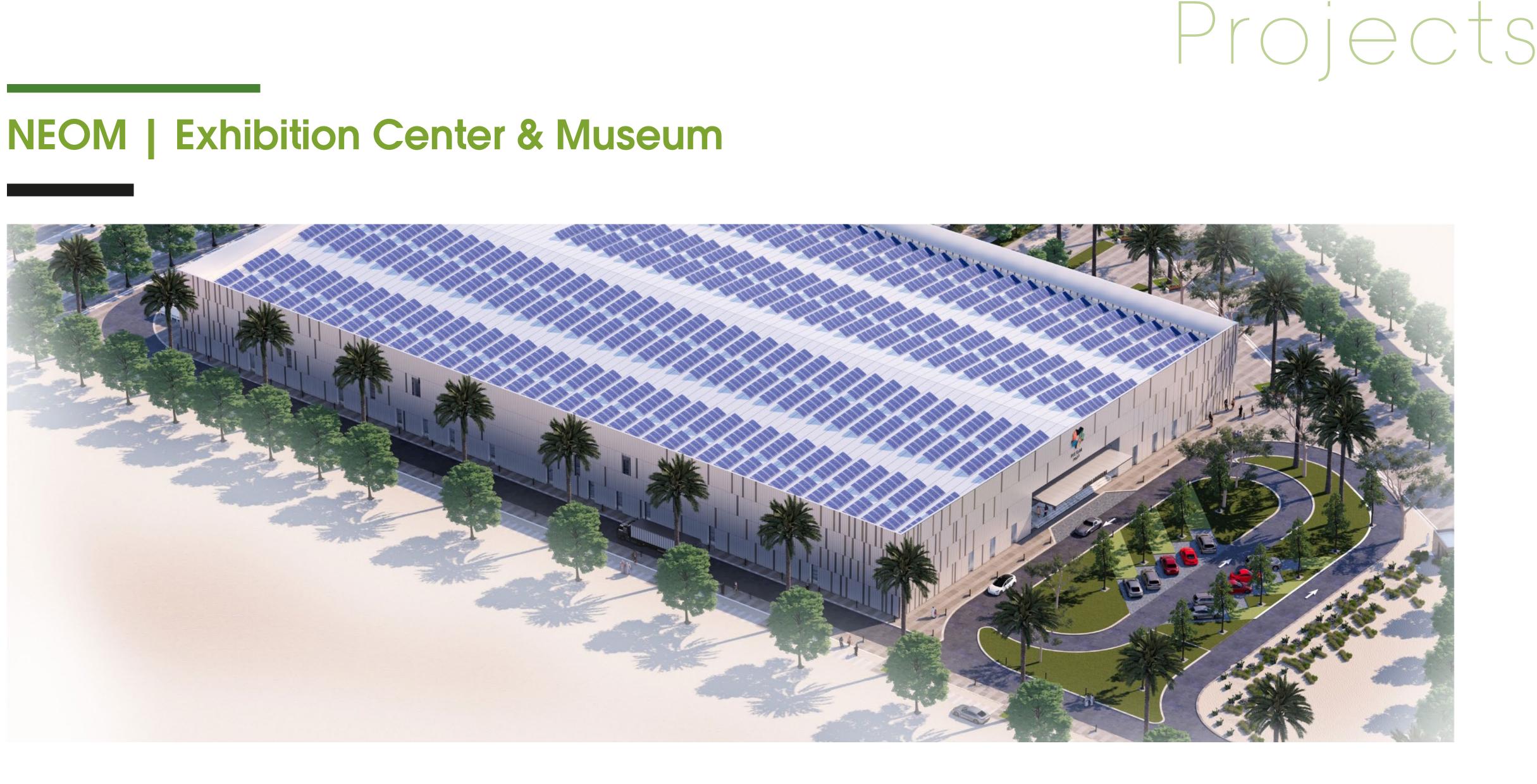




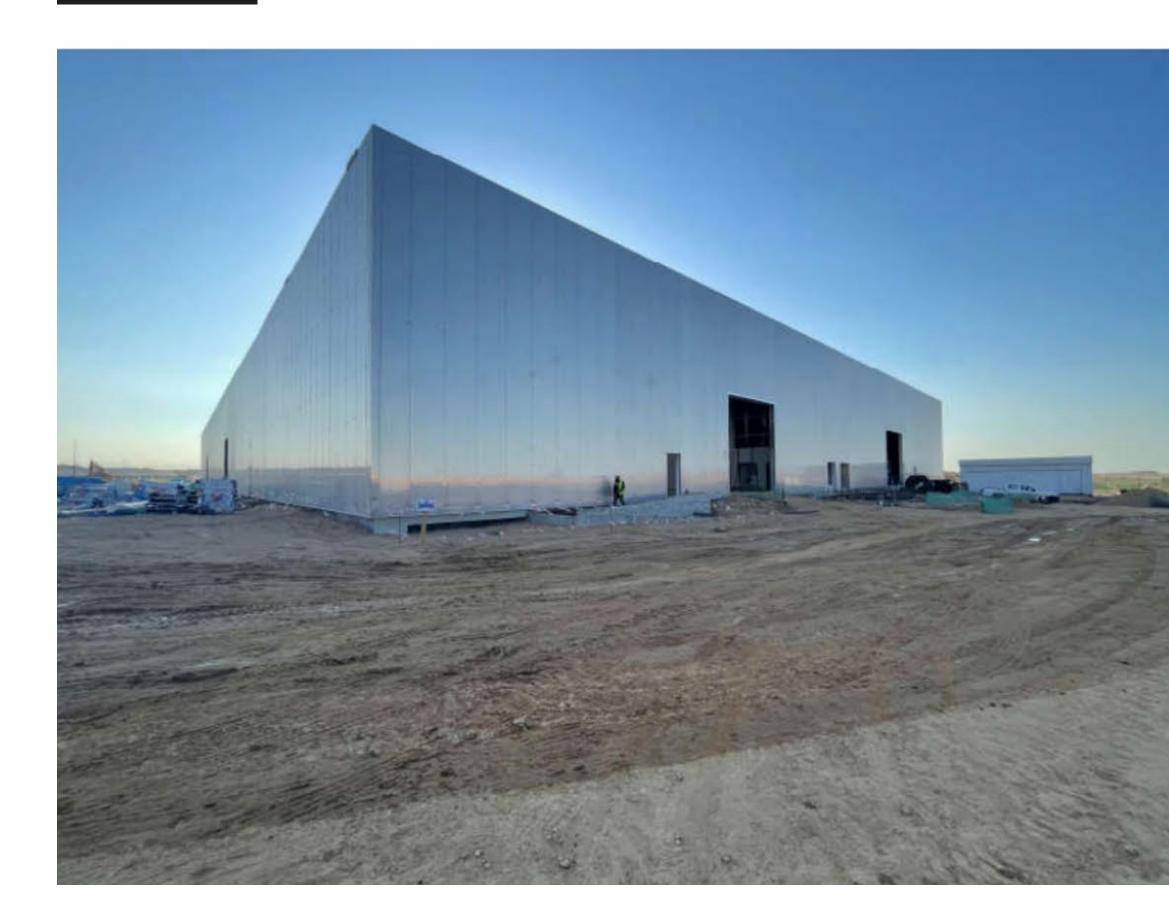


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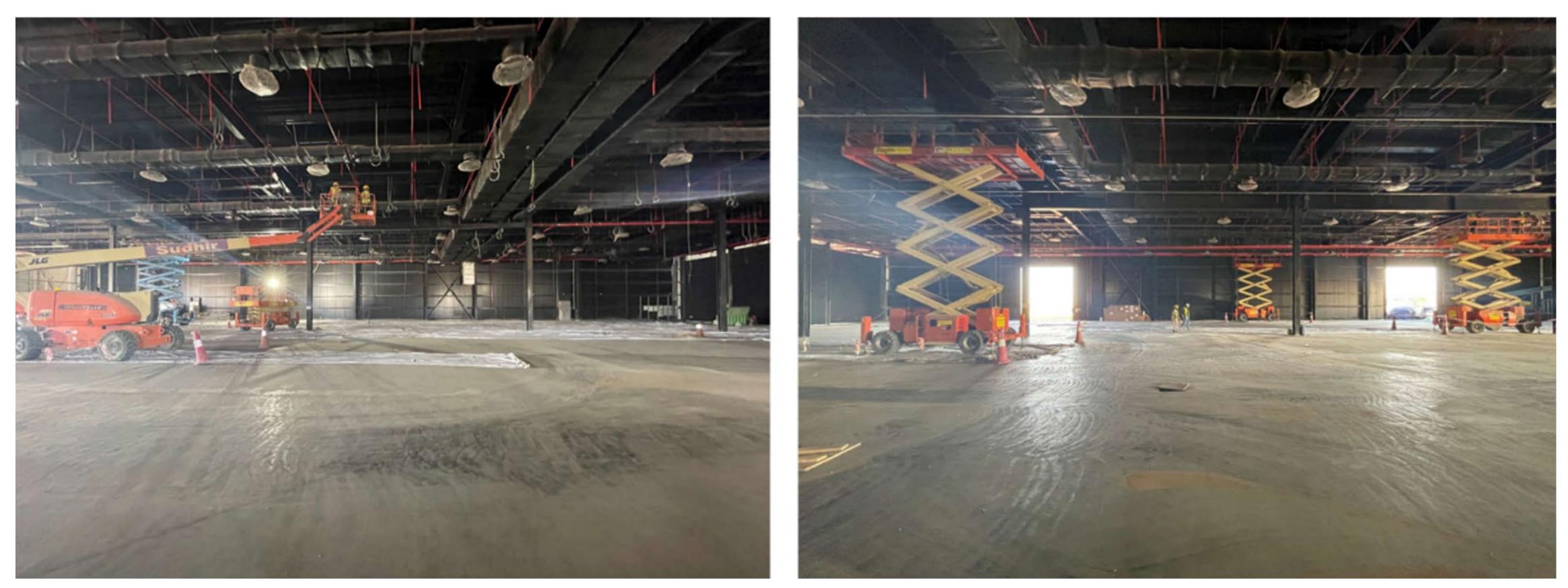


# Projects











# Projects



## AMAALA | STAFF VILLAGE

### **Client : BEC ARABIA**



Location: Red Sea, KSA





### IEO's Scope

- Design Assessment & Peer Review
- Value Engineering
- Shop Drawings
- BIM Modeling
- Technical Support During Construction



# -rojects







# AMAALA | STAFF VILLAGE





# Projects



## AMAALA | STAFF VILLAGE







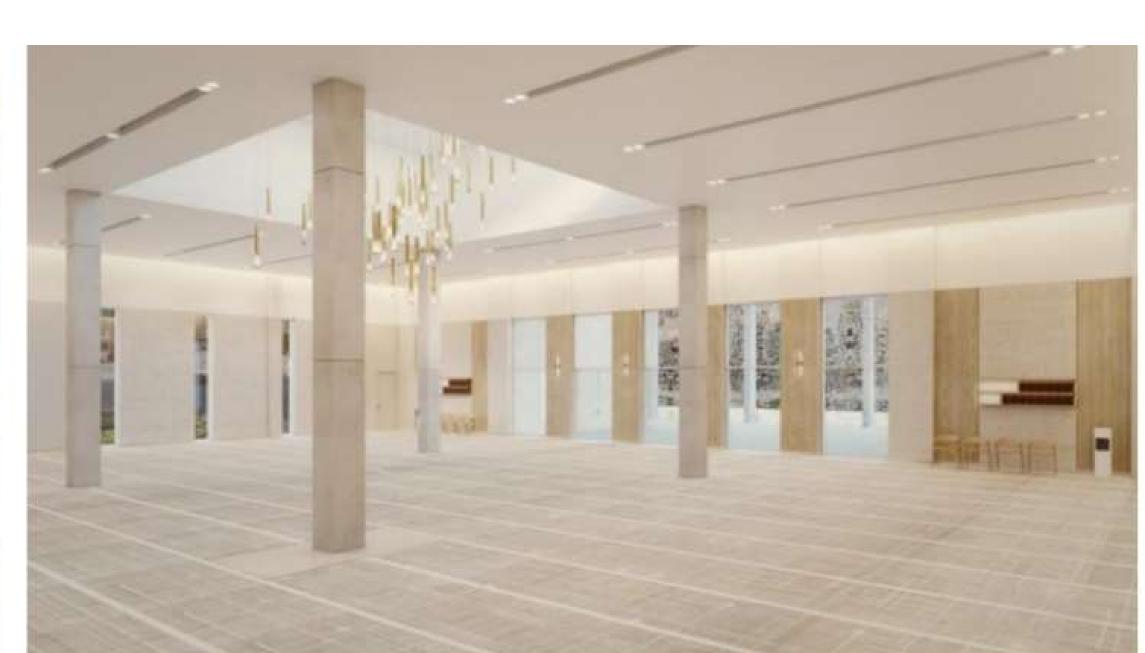
## AMAALA | STAFF VILLAGE











## AMAALA | STAFF VILLAGE







# AMAAL A STAFF VILL AGE Construction Activities



## 180

## NEOM | Mobility Hub

### Client: NEOM | Bec



### Location:

Tabuk, Kingdom of Saudi Arabia.





**Contract Period:** Jan. 2022 till June 2022

### IEO's Scope

- Workshop Drawings & BIM Modeling.
- Technical Support Services



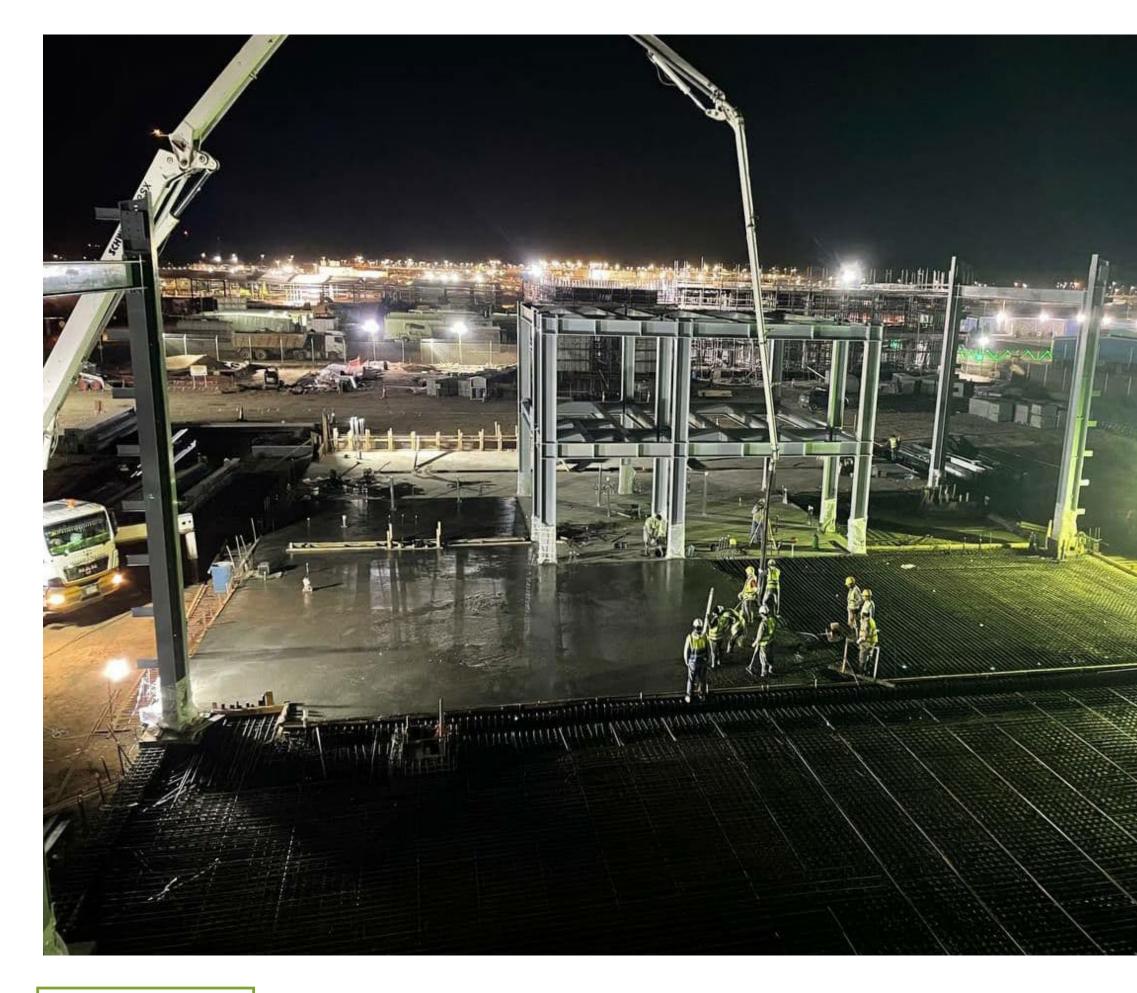
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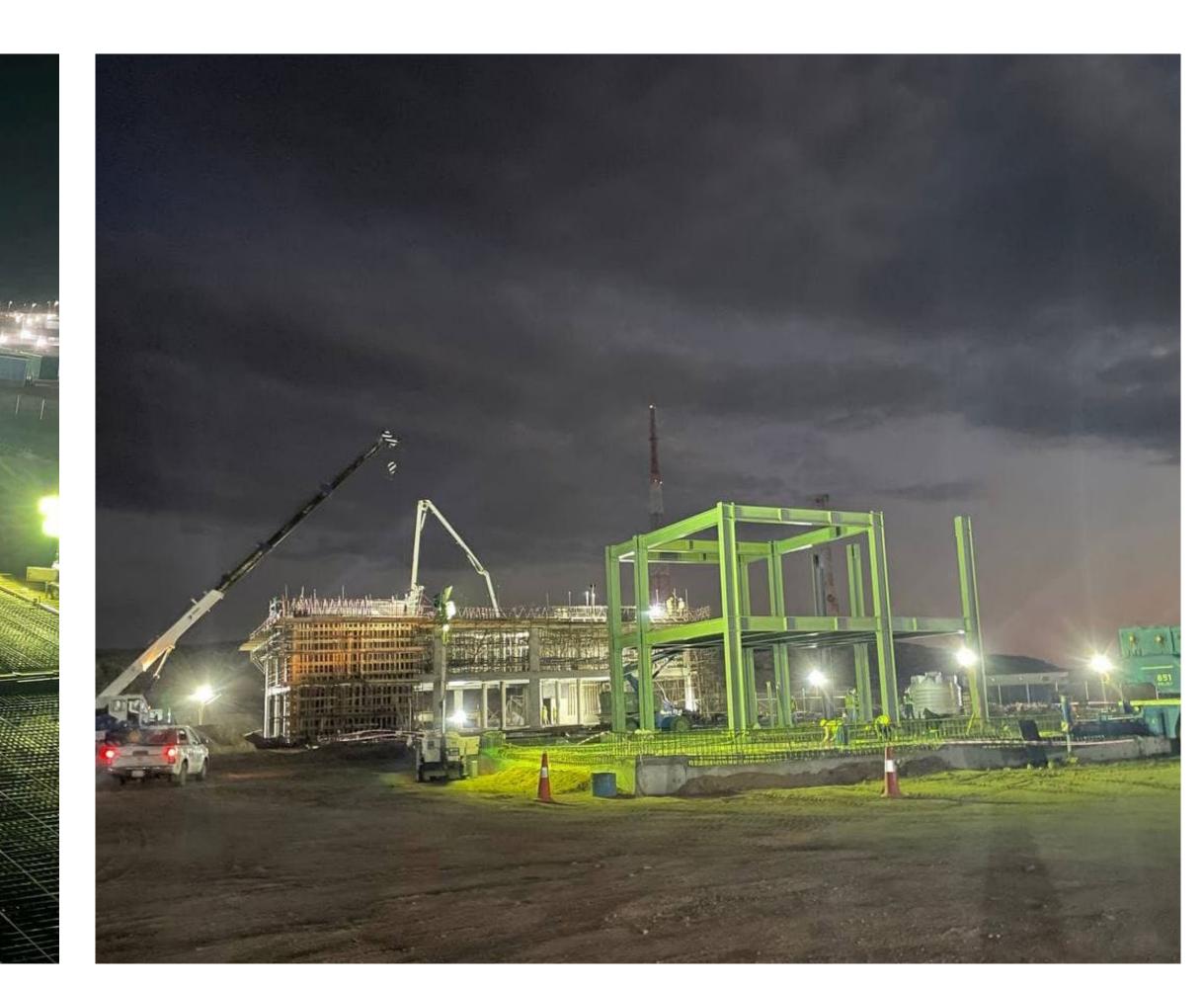
## NEOM | Mobility Hub





# Projects

### **Construction Activities**







### **(King Abdullah Ibn Abdulaziz Project)** for Development of the Security Facilities for MOI-Group 2

Beijing Emirates International Construction Company **(BEC)** 



Location:

Western Region, Kingdom of Saudi Arabia



**Contract Period:** June 2018 to date.













## **KAP2-E2**

### Description

### IEO's Scope

The project is One of the World's Largest Construction Programs.

buildings, and other institutional facilities.

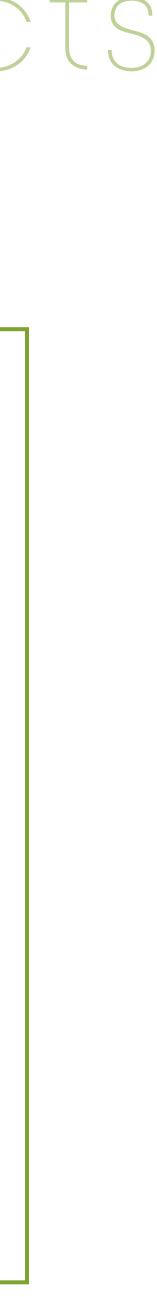
**Technical Office Consultancy Services:** 

- Workshop Drawings.
- Coordination Studies.
- Corrective Proposals.



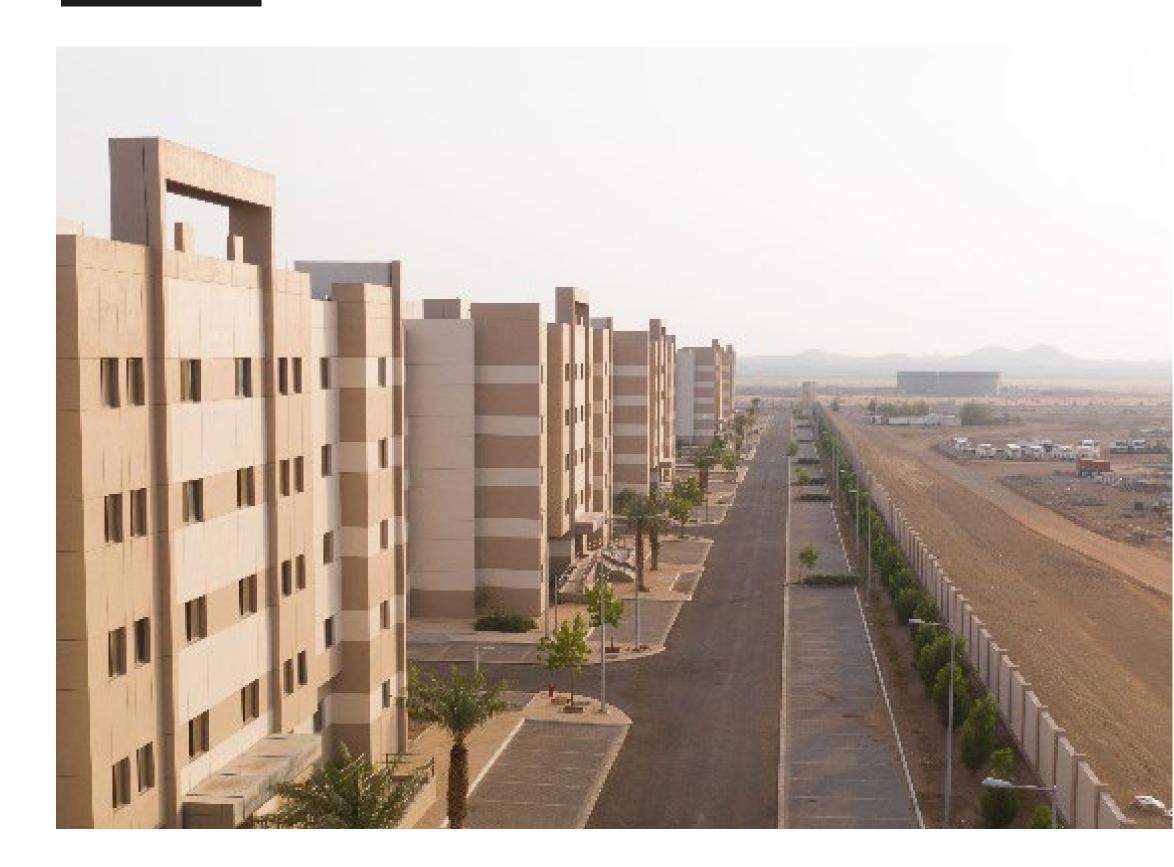
- KAP2 was launched in 2013 to develop security facilities across Saudi Arabia in order to upgrade the military standards of the Kingdom. This 'program' is spread over 44 sites among 5 zones in the country with a total construction area of over 3.50 million square-meters. BEC is EPC Main Contractor for the western region "KAP2E2" [4 Camps].
- Although fundamentally a 'public security' project; KAP2 consists of a variety of building types including medical centers, training facilities, shooting ranges, clinics & forensic laboratories, recreational facilities, auditoriums and congregational facilities, mosques, shops, sports

- Vendor/Subcontractors' Shop Drawings.
- Specialized Calculations.
- Supporting Documents.





## **KAP2-E2**



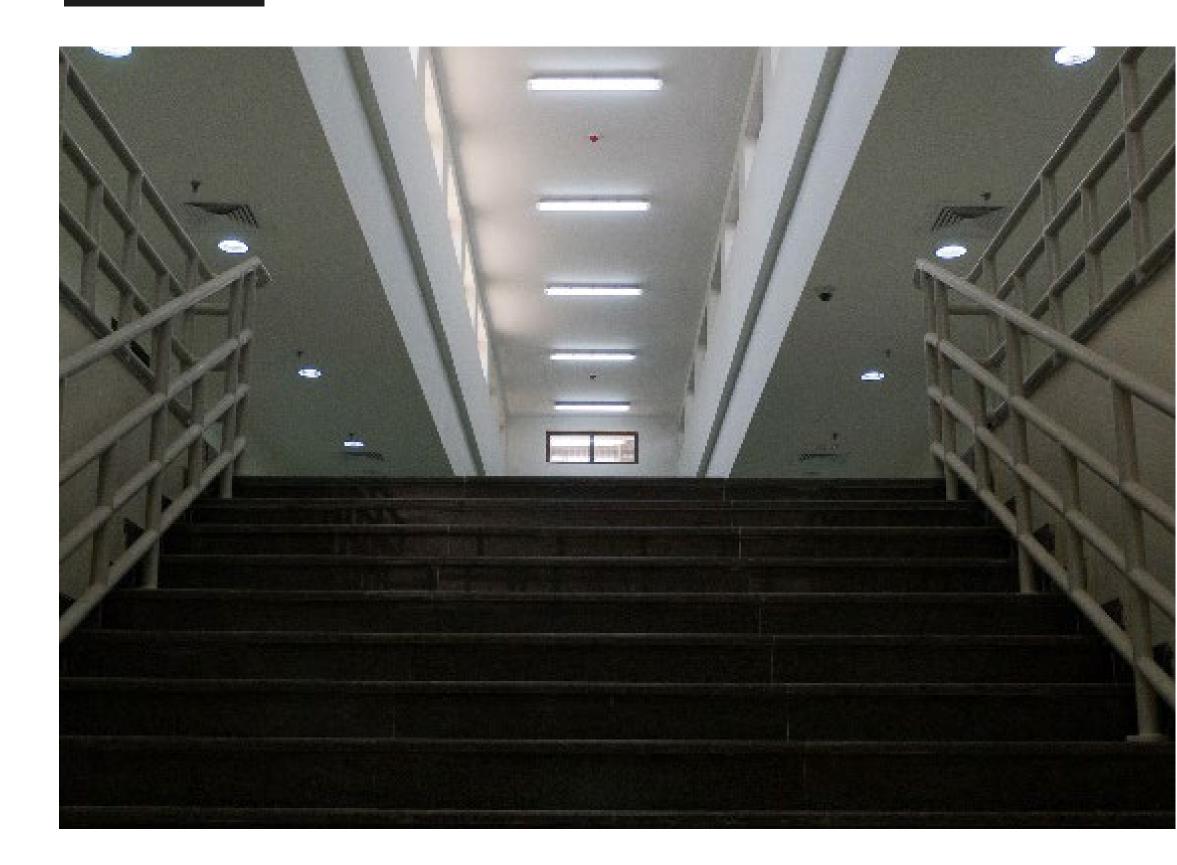








## **KAP2-E2**











## KAP5-D

### (King Abdullah Ibn Abdulaziz Project) for Development of the Security Facilities for MOI-Group 4

Beijing Emirates International Construction Company (BEC)

Description

IEO's Scope

KAP5 was launched in 2014 to develop security facilities across Saudi Arabia in order to upgrade the military standards of the Kingdom. BEC's Contract is spread over 80 sites among the southern region.

### **Technical Office Consultancy** Services:

- Workshop Drawings.
- Coordination Studies.
- Corrective Proposals.



 Vendor/Subcontractors' Shop Drawings. • Specialized Calculations.

• Supporting Documents.





**Contract Period:** Feb 2017 to date.



Budget: 1.50 Billion SAR









## Al Mousa PARK AVENUE, BURAYDAH

### Mousa Al-Mousa [TILAD Construction]

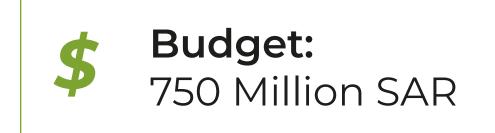


Location:

Al Qassim, Kingdom of Saudi Arabia.



**Contract Period:** September 2017





















## **AI Mousa PARK AVENUE, BURAYDAH**

Description

IEO's Scope

It is a land-mark project consists of 3 carparking basements, 4 podiums "Hypermarket, Mall, Retails, and Cinemas", on which 2 towers are standing. Towers (A)&(B) are 22 floors\_5 Stars hotel & offices spaces. Plot Area is 75000 square-meters.

- Acoustics Consultancy
- Building Information Modelling (BIM)
- Construction Design and Management Coordination
- Development Infrastructure & Site Grading
- Façade Engineering
- Horizontal and Vertical

- Transportation Systems
- (HVTS)
- Interior Design
- Life Safety
- Lighting Design
- Structural Design &
- Assessments [Post-
- Tensioned Slabs Design]
- Sustainability &



Environmental Consultancy [Energy efficient solutions]

- Value Engineering [Cost] reduction by 13%]
- Construction Documents (BoQ & Specifications)
- Technical Office Consultancy Services

















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### Supreme Council of Antiquities

### Cairo University \_ Office of Archeology and Environmental Engineering

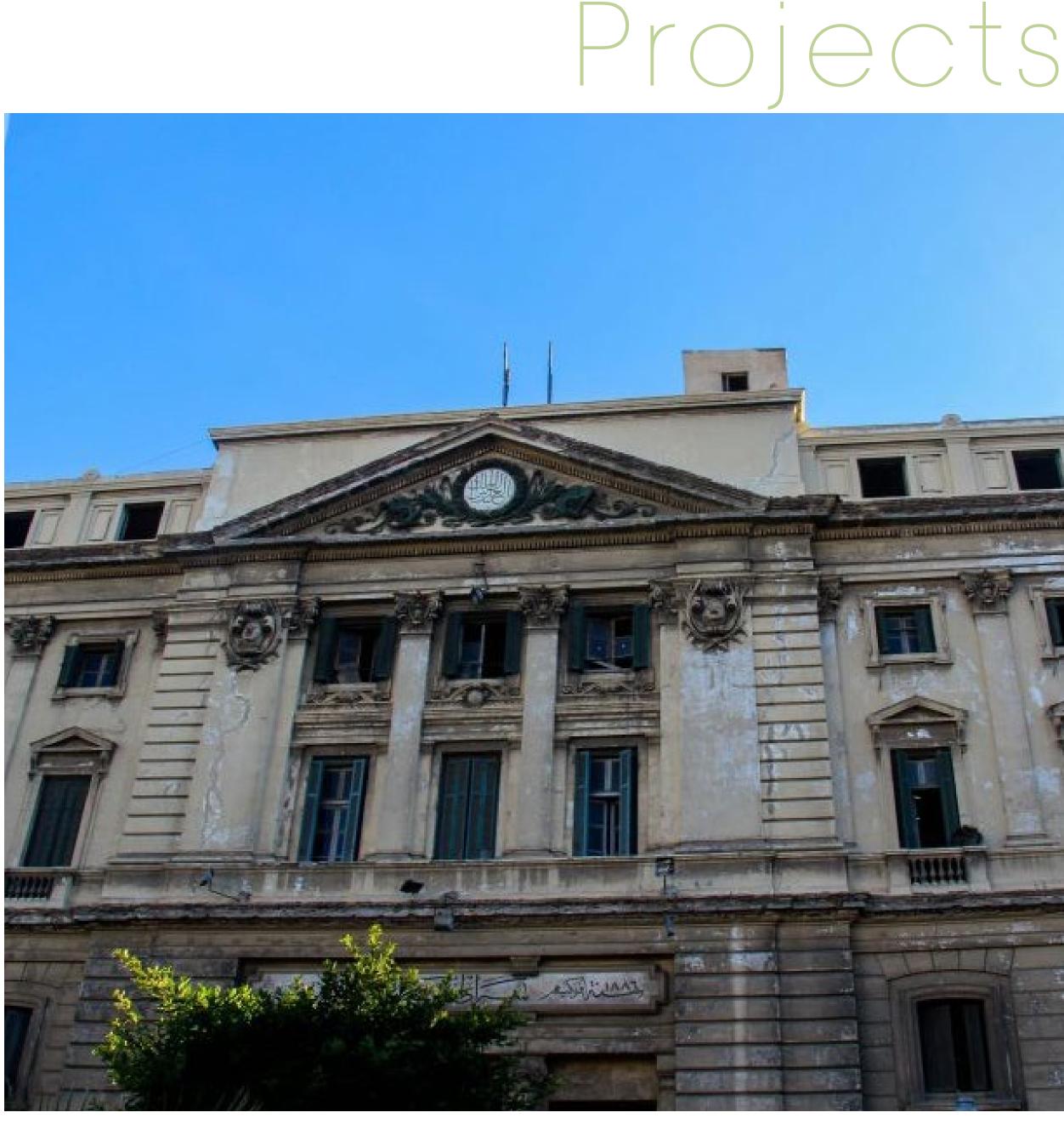


 Location: Egypt

**Contract Period:** 2009-2011









### Description

It is one of the important national projects that aimed to raise the efficiency of many important archaeological sites through an integrated engineering work that starts from monitoring the manifestations of deterioration and cracks and building an integrated restoration project in several stages using advanced techniques, and IEO had a great technical contribution to this huge project through integrated engineering studies for all specialties, the scope of work also included technical support & site supervision during construction.



# Projec



IEO's Scope

- Technical report for Current status and renovation/redesign concept technical report.
- Detailed Structural "Repair and Strengthening" Design Drawings.
- substation and pumps room
- Electrical "Power, Lighting and Cable Routing" Detailed Design Drawings.
- electrical substaion which accommodate pumps load for all the external works
- Electrical "Power, Lighting and Cable Routing" Detailed Design Drawings for the required LC Systems "Security and Fire alarm" Detailed Design Drawings.
- Mechanical "Ventilation, Plumbing and Firefighting" Detailed Design Drawings.
- Mechanical Detailed Design Drawings for the required underground water tanks and pumps capacity calculations and design.
- Civil External works "domestic water supply, sewage network, irrigation network, external fire network" Detailed Design Drawings.
- Document Package "Concept Design Report, Specifications and BOQ" for all trades.



• Detailed Structural Design Drawings for the required underground water tanks, electrical









# Projec

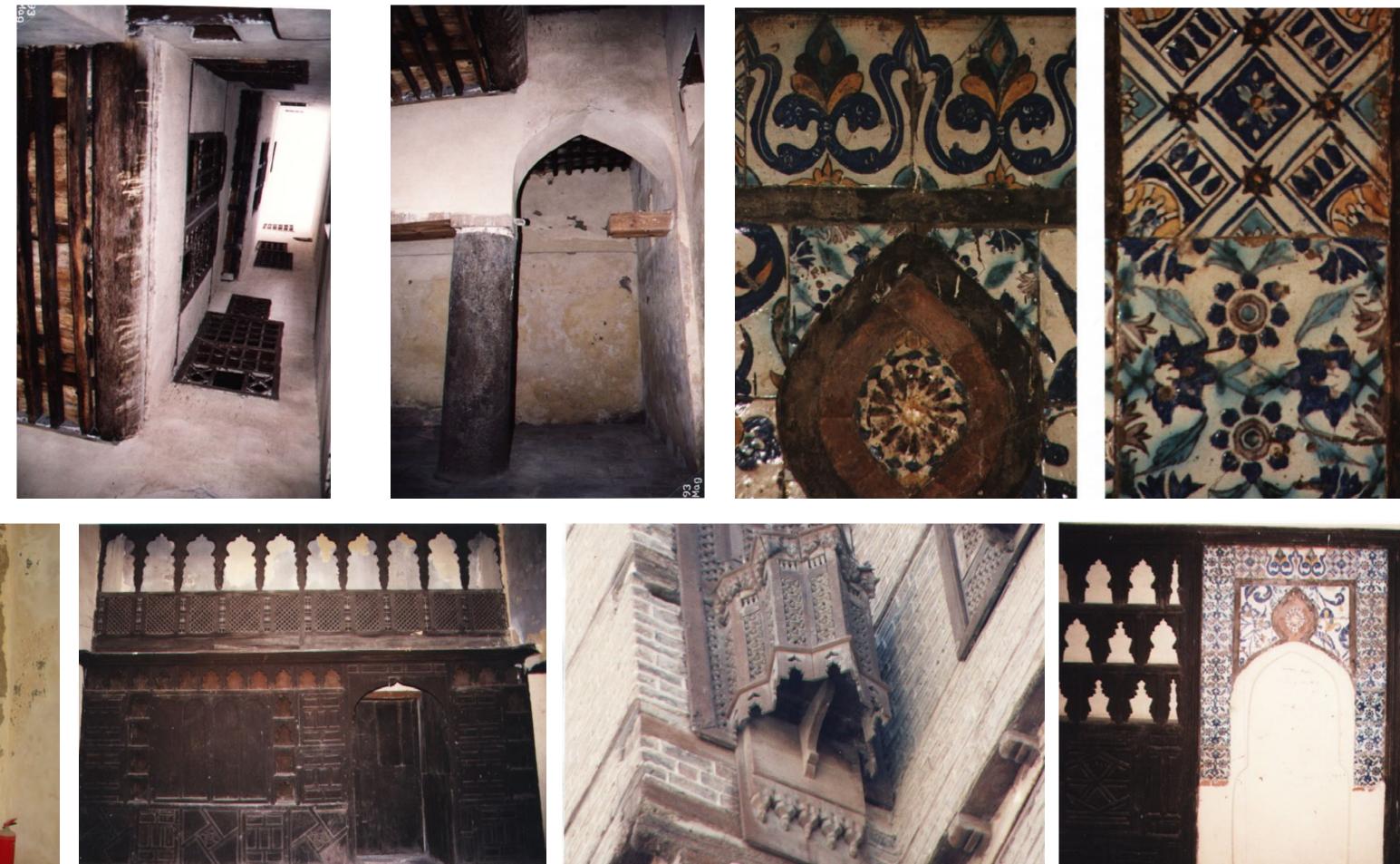
### Al-Qanadely House\_Rasheed





S









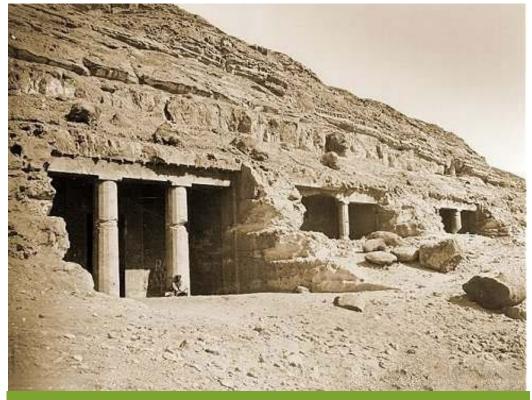
# Projects

### Al-Qanadely House\_Rasheed

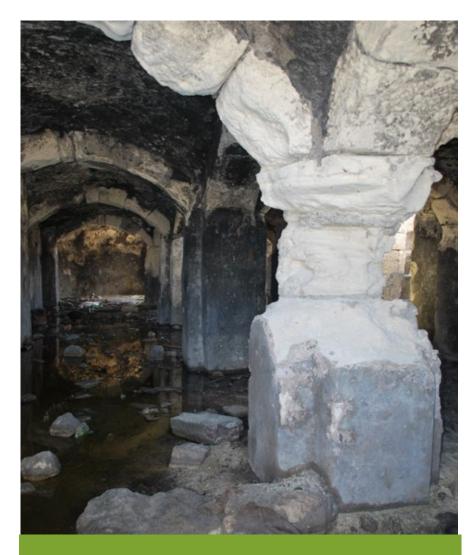








Bani Hassan Archaeological Site Area Menia



### Dry Sink\_Alexandria



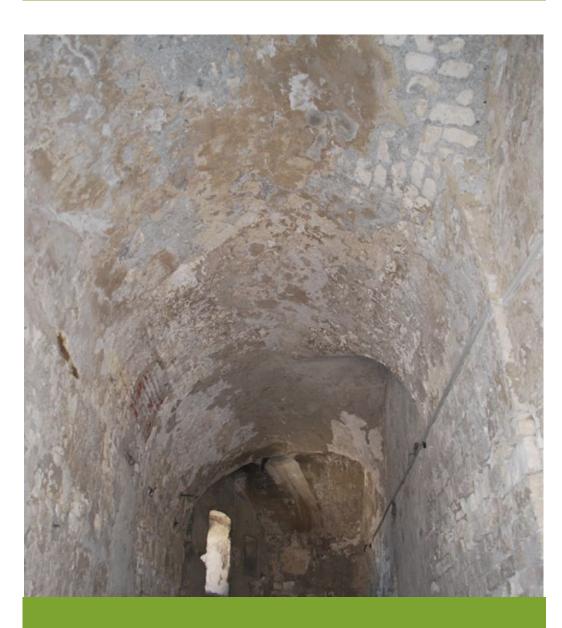
Dry Sink\_Alexandria



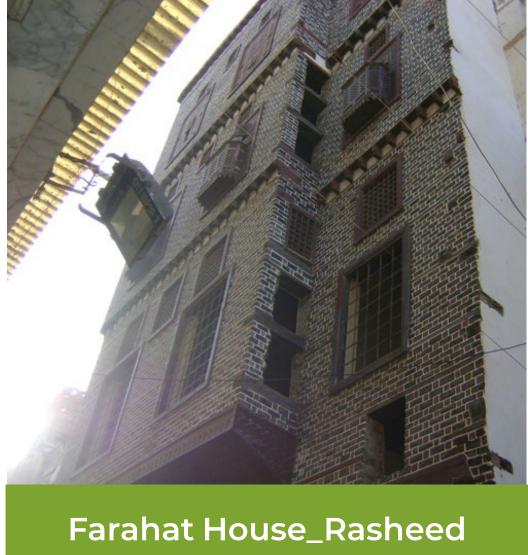
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### Eastern Tower\_Alexandria



Eastern Tower\_Alexandria

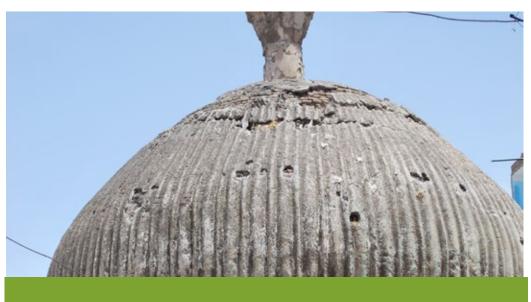




Farahat House\_Rasheed







Halaby Minaret and Dome\_Rasheed



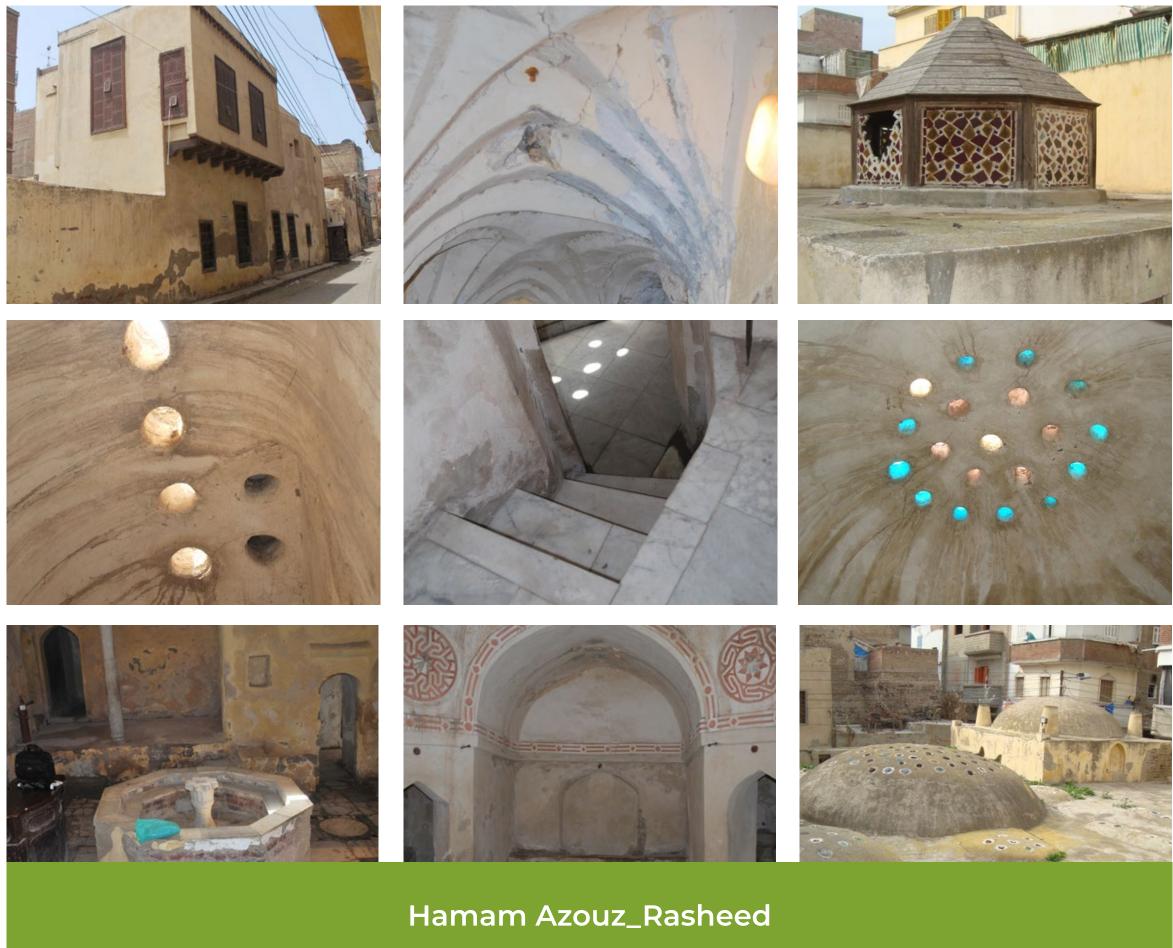
Halaby Minaret and Dome\_Rasheed



### Halaby Minaret and Dome\_Rasheed



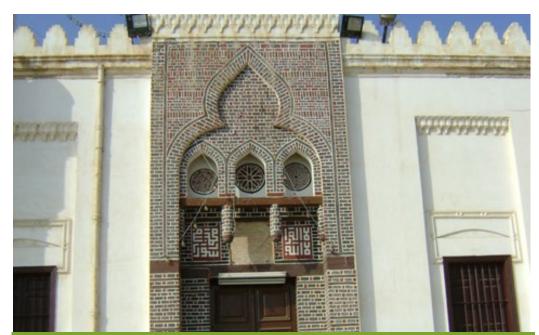
# -rojects







Masjid Abo-Mandour\_Rasheed



Masjid Abo-Mandour\_Rasheed



Masjid Al-Sheikh Tuqa \_ Rasheed



Masjid Al-Sheikh Tuqa \_ Rasheed





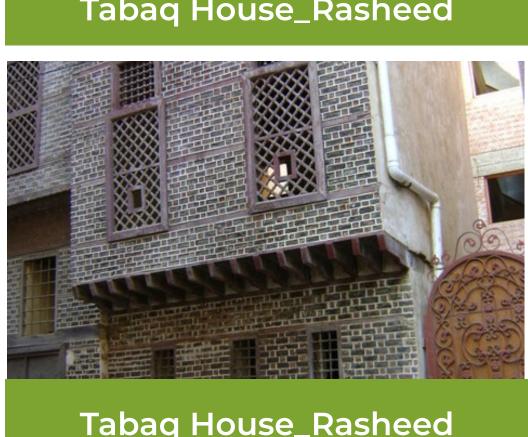
### Masjid Kandeel\_Rasheed



Masjid Kandeel\_Rasheed



### Tabaq House\_Rasheed



Tabaq House\_Rasheed



## **IMMEUBLE MTS KALOUM Tower**

### **Client: Geca**

Description

### IEO's Scope

It is a land-mark administrative offices tower, located near to Sangareya Bay, consists of (2B+G+14 Typ. + Heliport). Plot Area is 1000 square-meters.

- Building Information Modelling (BIM)
- Construction Design and Management Coordination
- Façade Engineering
- Strengthening & Repair studies for existing pile caps
- Structural Design & Assessments [Post-Tensioned] Slabs Design & Lateral
- Supporting Systems]
- Sustainability & Environmental Consultancy [Energy] efficient solutions]
- Construction Documents (BoQ & Specifications)
- Technical Office Consultancy Services



	$\Gamma$
Location: Conakry, Ghuinea	
<b>Contract Period:</b> February 2016	The second secon
<b>Sudget:</b> 32 Million USD	
	LEHRICKEL ST.





## **SATGURU Office & Hotel Building**

### **EUROWORLD INTERNATIONAL**

Description

Location:

Conakry, Ghuinea

IEO's Scope

It is a land-mark administrative offices & hotel building, located near to Sangareya Bay, consists of (1B+G+9 Typ. + Heliport). Plot Area is 1500 square-meters.

**Contract Period:** 

December 2016

Building Information Modelling (

- Construction Design and Manage Coordination
- Design Peer Review Report (MEP)
- Façade Engineering
- Structural Design & Assessments Post-Tensioned Slabs Design & Lateral





(BIM)	Supporting Systems]
ement	<ul> <li>Sustainability &amp; Environmental Consultancy</li> </ul>
	[Energy efficient solutions]
<b>&gt;</b> )	<ul> <li>Construction Documents (BoQ &amp;</li> </ul>
	Specifications)
s [Pile caps,	<ul> <li>Technical Office Consultancy Services</li> </ul>
ateral	





## **SATGURU Office & Hotel Building**





# Projec



S



### Specialized Contracting Company (SCC)



Location: Riyadh, Kingdom of Saudi Arabia



**Contract Period:** 2014



**Budget: 180 Million SAR** 

### IEO's Scope

- Technical Office Consultancy Services
- Workshop Drawings



### Description

Centro Olaya by Rotana is the sixth Rotana hotel in Saudi Arabia and the second in Riyadh to open under the "Centro by Rotana" brand, which is known for providing accommodation and amenities designed to appeal to business travelers, family vacationers and couples looking to combine affordability with quality, style, and comfort.

The hotel is located at the heart of Riyadh with easy access to the Capital's main business centers, leisure attractions and the vibrant shopping district, bounded by King Fahd Road and Olaya Street, and just few steps away from the fashionable Tahlia Street.

Centro Olaya by Rotana features 156 stylish rooms and studios and provides a variety of trendy leisure and business amenities, including two distinctive restaurants, fully-equipped meeting rooms and recreational facilities such as a rooftop pool, gym and massage treatment services.





## Logistic Warehouses (Mousa Al-Mousa) – Blocks 30 & 31

### Mousa Al-Mousa [TILAD Construction]

### IEO's Scope

- Acoustics Consultancy
- Building Information Modelling (BIM\_TEKLA)
- Construction Design and Management Coordination
- Design Peer Review Report (MEP)
- Development Infrastructure & Site

Grading

- Life Safety
- Structural Design [Up to Fabrication Drawings Level]
- Construction Documents (BoQ & Specifications)
- Technical Office **Consultancy Services**

**Budget: 70 Million SAR** 5







### Description

14 Logistic Steel Warehouses (BUA 60,000 Sq.m.), Admin Buildings, Commercial Buildings

### Location:

Kharj, Kingdom of Saudi Arabia



**Contract Period:** August 2016





## **Prince Mansour Military Hospital** (Annex medical center)

### Dar Alemar

### Description

Annex medical center attached to the main hospital consists of (Ground + First) Plot Area is 7000 squaremeters.



Location: Jeddah, Kingdom of Saudi Arabia



**Contract Period:** November 2015

**Budget: 50 Million SAR** 





### IEO's Scope

- Concept Report and Preliminary Design (MEP)
- Structural Design & Assessments



## **ARAMEX Facility,** King Khaled International Airport

### ARAMEX

### IEO's Scope

- Building Information Modelling (BIM\_TEKLA)
- Construction Design and Management Coordination
- Detailed Design (MEP)
- Development Infrastructure & Site Grading
- Life Safety
- Structural Design [Up to Fabrication Drawings Level]
- Construction Documents (BoQ & Specifications)

### Description

ARAMEX Facility at King Khaled International Airport (BUA 6,500 Sq.m.), Working Facility at GF, and Admin Spaces at Mezzanine floor.



# Projec





**Location:** Riyadh, Kingdom of Saudi Arabia



**Contract Period:** November 2018



**Budget: 20 Million SAR** 







## Administrative Office Building

### Description

An existing administration building, plot area 1080 m2, 4B+G+Mezz. +10 typ. + roof



**Location:** King Fahd Road, Riyadh, Kingdom of Saudi Arabia

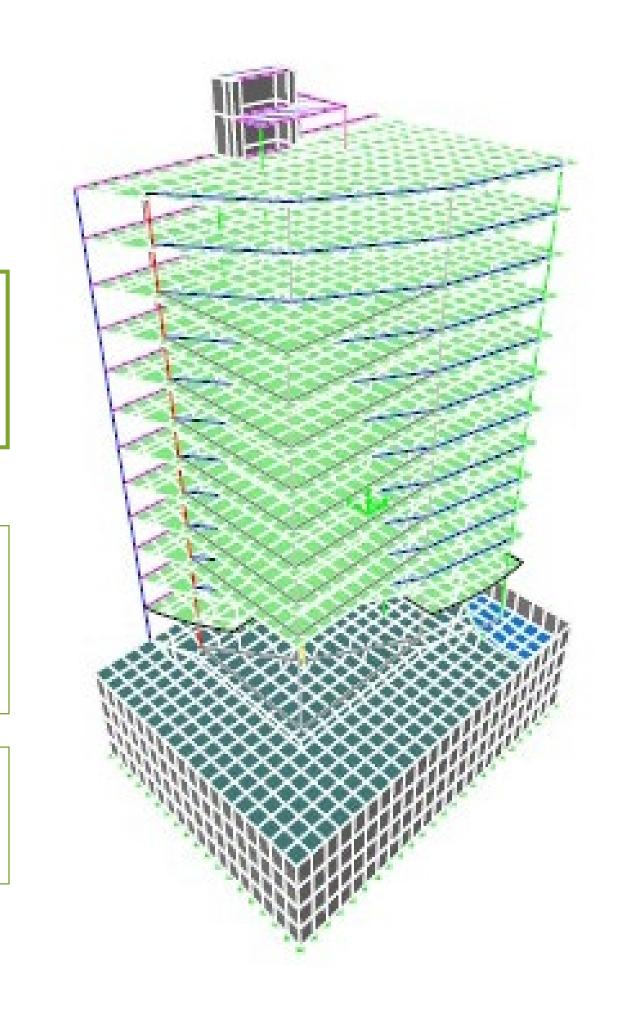




**Contract Period:** June 2014



# Projec



### IEO's Scope

Strengthening & Repair studies for existing structures: Check the structural adequacy of the Constructed structural elements against the applied loads), the technical report focused on the structural safety and recommendations for repair & strengthening of the inadequate elements.

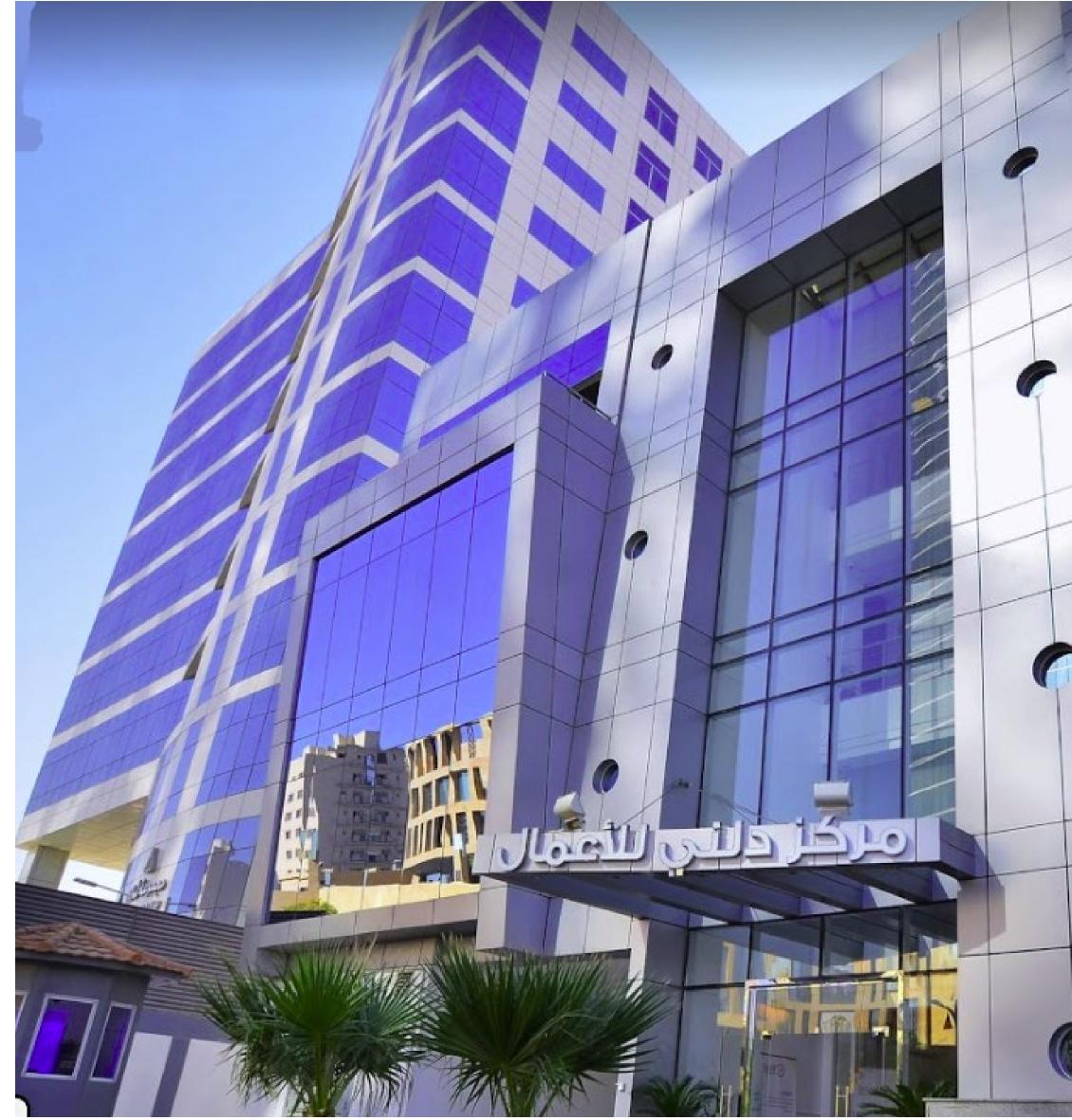


## Administrative Office Building





# Projec



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## **Al-Duhaim Complex "Private Villas"**

### LIWAN



Location: Riyadh, KSA.





**Contract Period:** April 2021 to date

### IEO's Scope

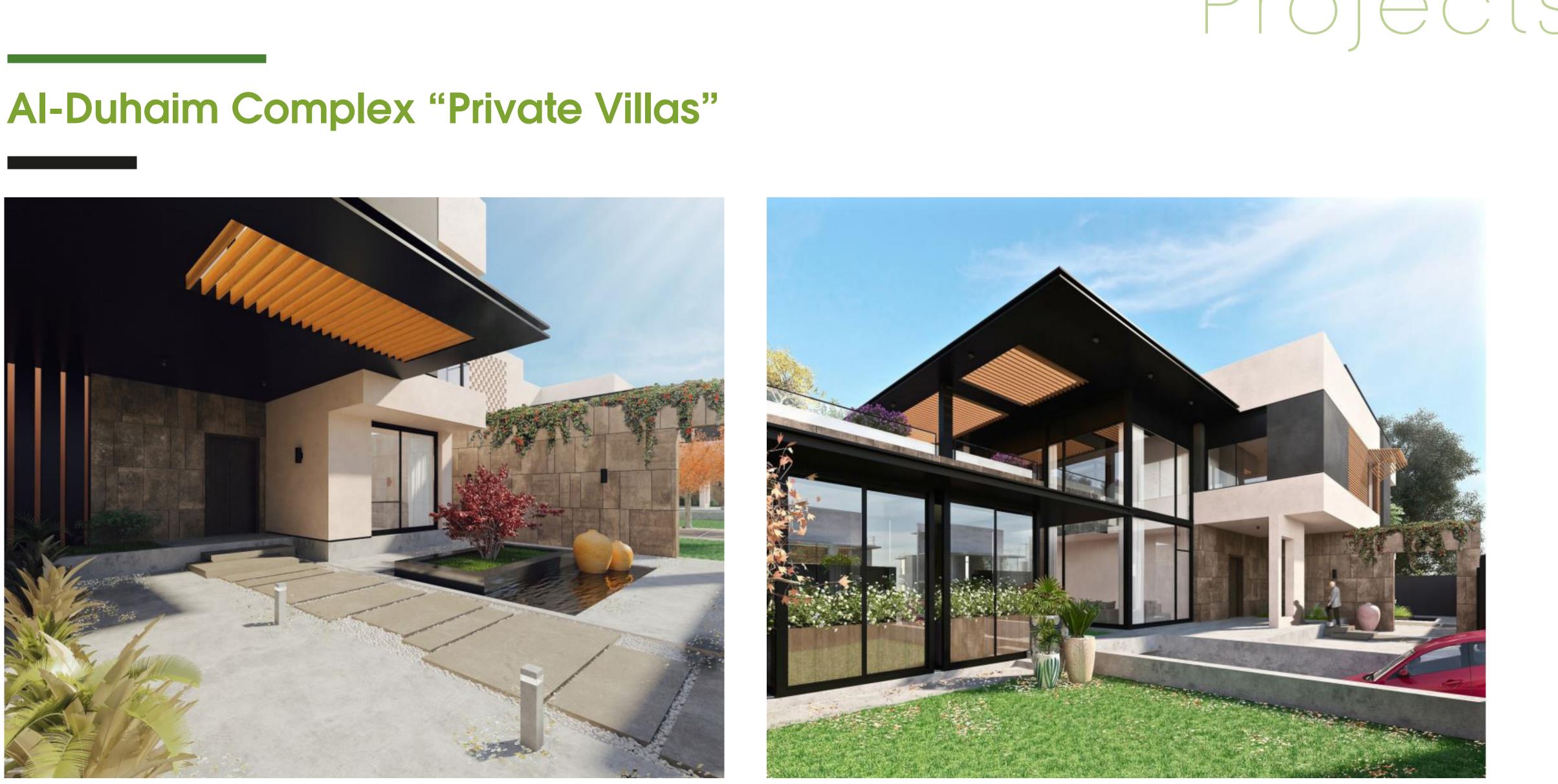
Detailed Design and Tender Documents (all disciplines).





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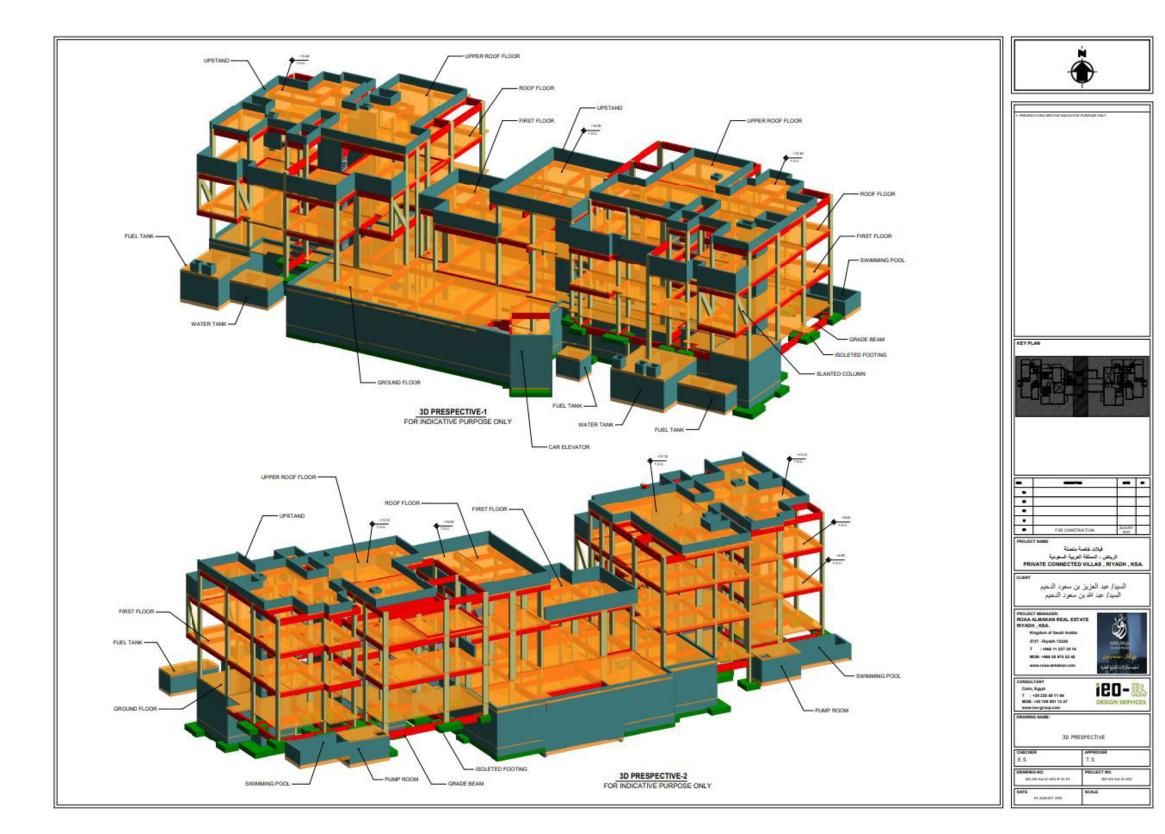




# Projects



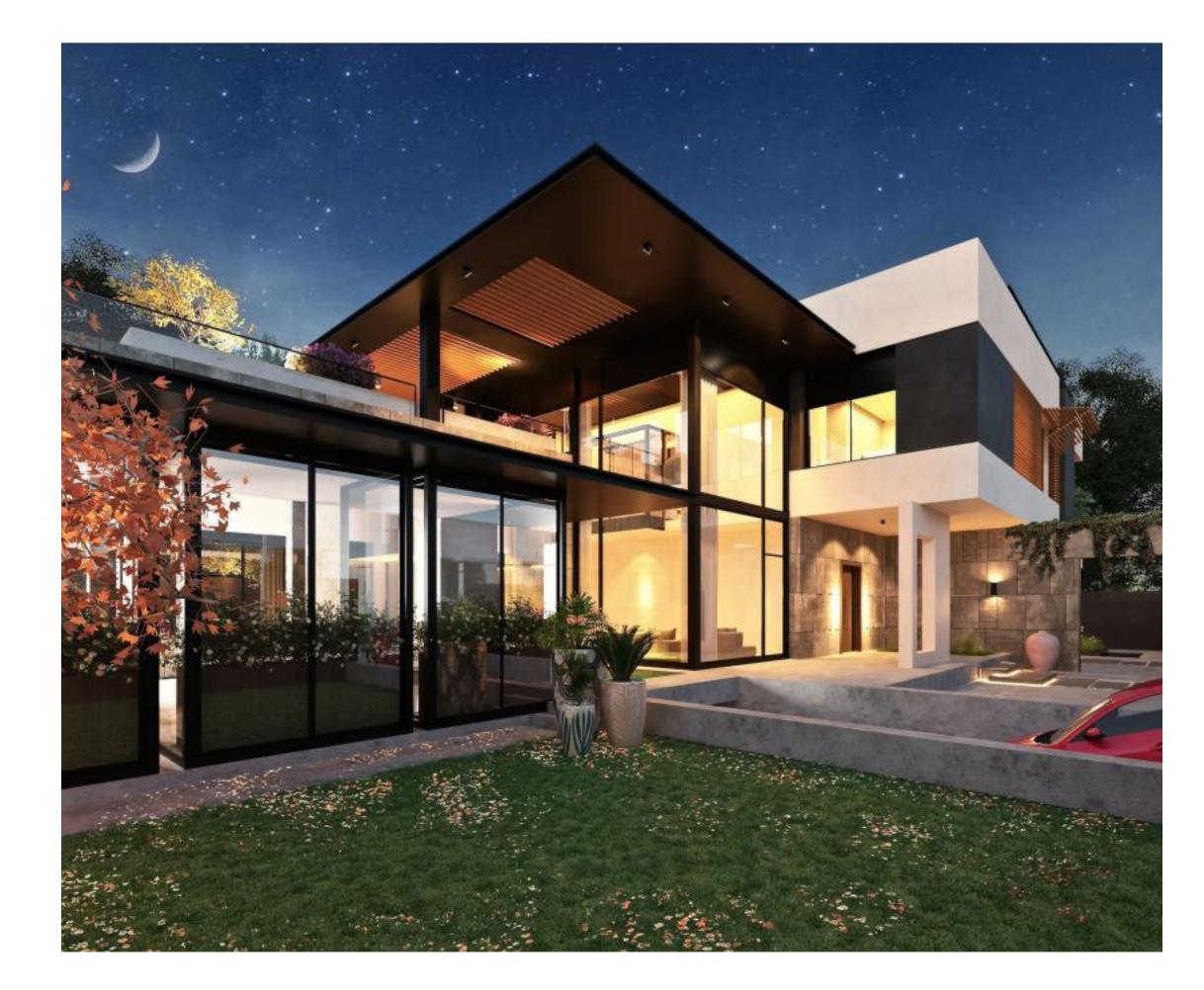
## Al-Duhaim Complex "Private Villas"





# <u>Yojects</u>





## KARD "Proposal"

### LIWAN



### Location: Riyadh, KSA.





**Contract Period:** N/A

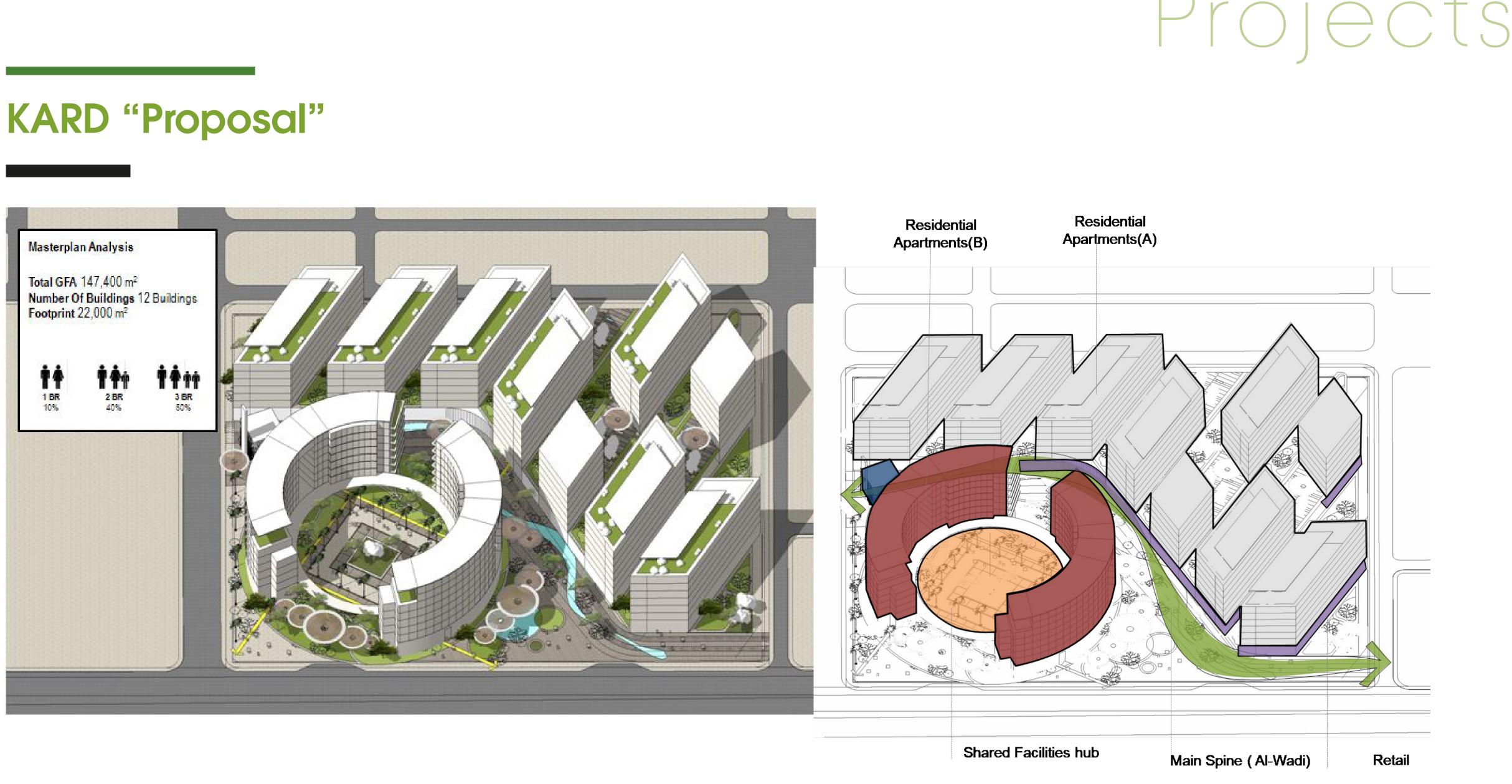
### IEO's Scope

Concept Design "Proposal"





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## KARD "Proposal"







# Projects







## KARD "Proposal"





# OJ ects



### **ROAA AI-MAKAN RE**

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### **Location:** GIZAN, KSA





**Contract Period:** N/A

### IEO's Scope

Concept Design "Proposal"





# Projects



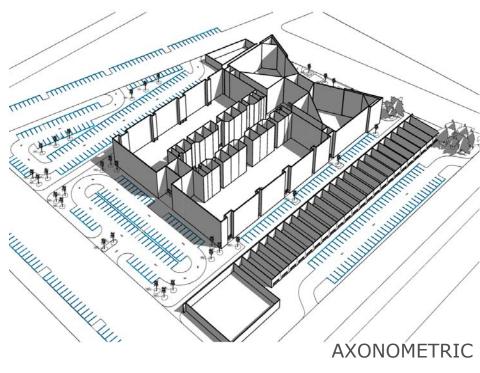


# Project



Department Legend	Area
CIRCULATION	1770 m2
	1980 m2
	4940 m2
	3800 m2
RETAIL	2800 m2
SERVICES	710 m2
WET AREAS	170 m2
MEP	330 m2
TOTAL BUA	16,500 m2

AREAS SCHEDULE









# Projects









# Projects







# Projects



CONCOURSE THEM







### Various projects of villas and residential buildings Location: Egypt, UAE, Lebanon, and **Contract Period:** Kingdom of **Prestigious Architectural Bureaus** 2006 - 2013 Saudi Arabia

	• . •	
Desc	ripti	on
		<b>·</b> · · ·

### IEO's Scope

Since the inception of the company, we believe in the value of teamwork and integration between disciplines, and we have been keen from the first day to create strong collaboration with reputable architectural offices, through which we have accomplished dozens of successful projects [60 Residential/Office Buildings & 90 Villas, 3 Commercial Buildings]

<ul> <li>Building Information</li> </ul>	
Modelling (BIM)	

- Building Services Engineering
- Construction Design and Management Coordination
- Civil Engineering



 Construction Planning Construction Services • Electrical Engineering • Lighting Design Mechanical Design Reliability Assurance for Existing assets Strengthening & Repair

studies for existing structures

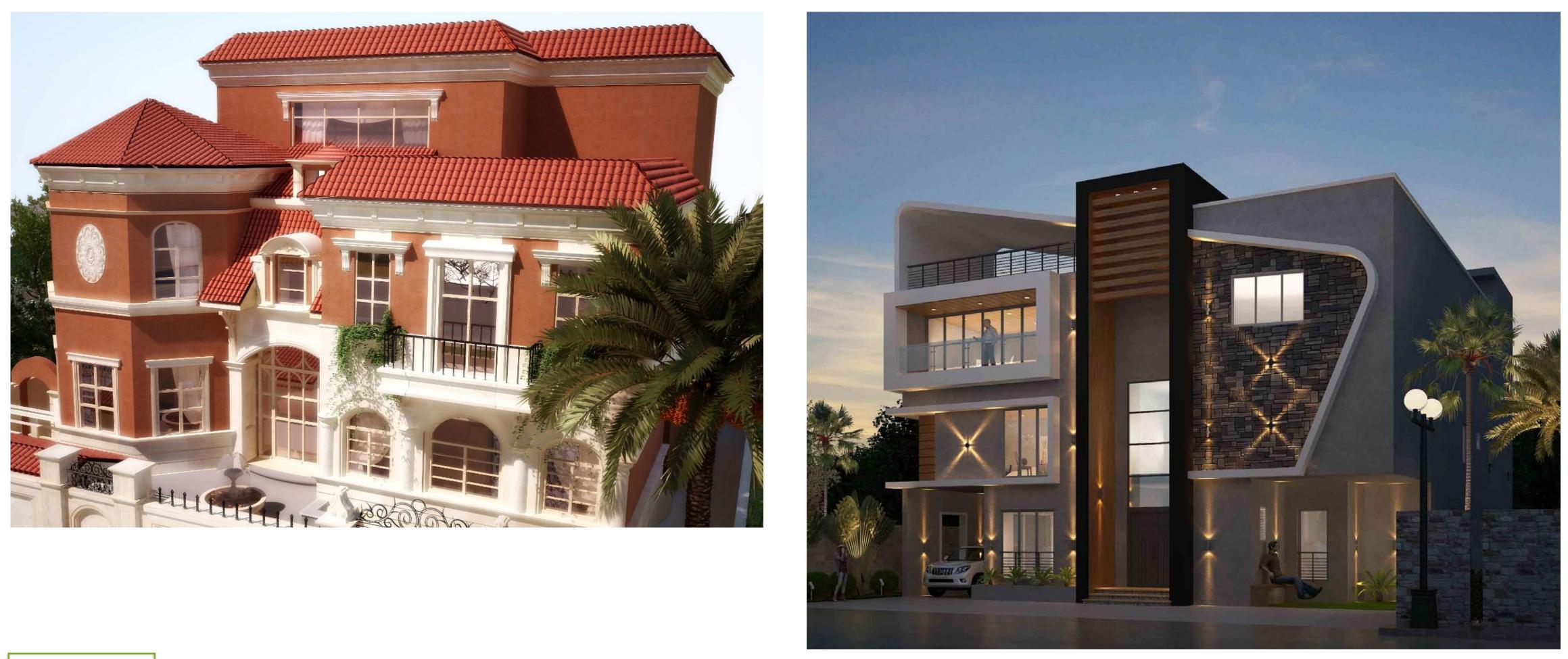
- Structural Design & Assessments
- Telecommunications Engineering
- Value Engineering







## Various projects of villas and residential buildings





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## Various projects of villas and residential buildings





# Projec



## Various projects of villas and residential buildings





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# Projec









# Projec









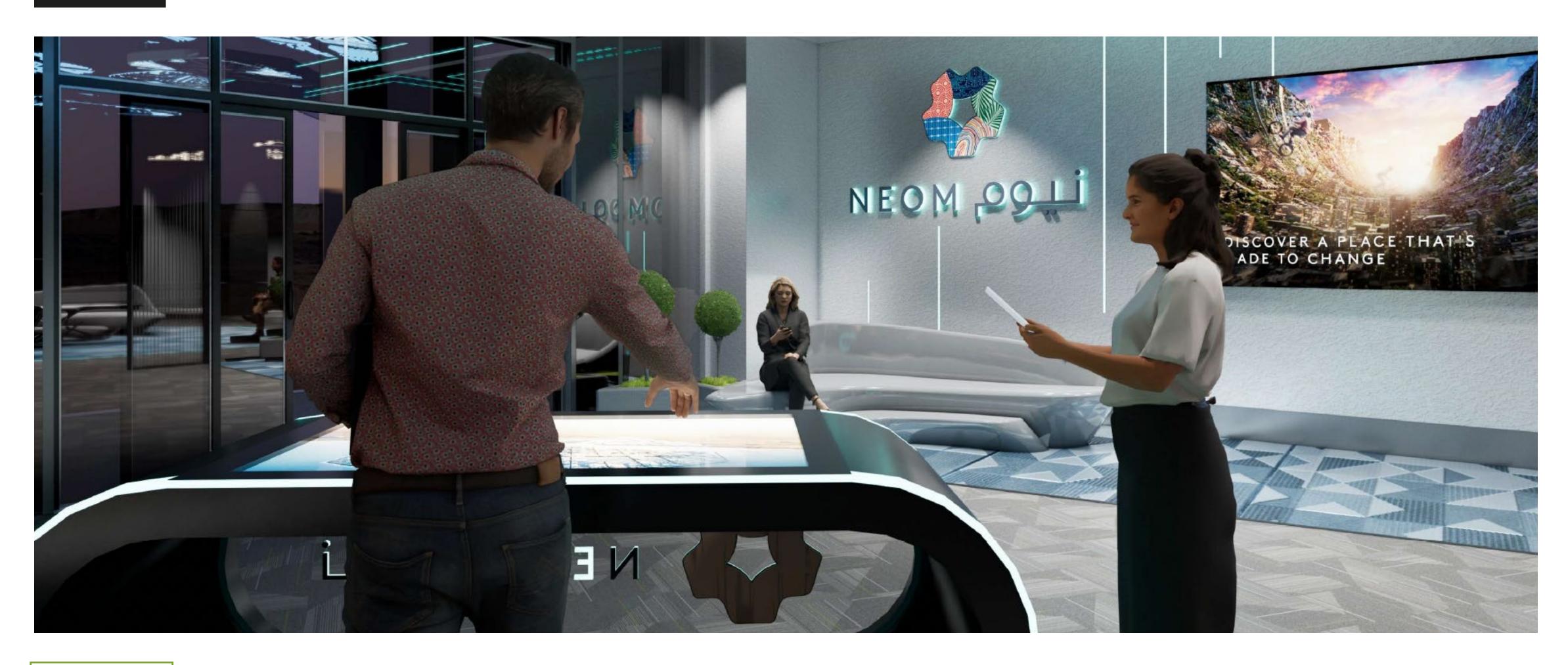


# Projects

### **ARRIVAL LOUNGE**





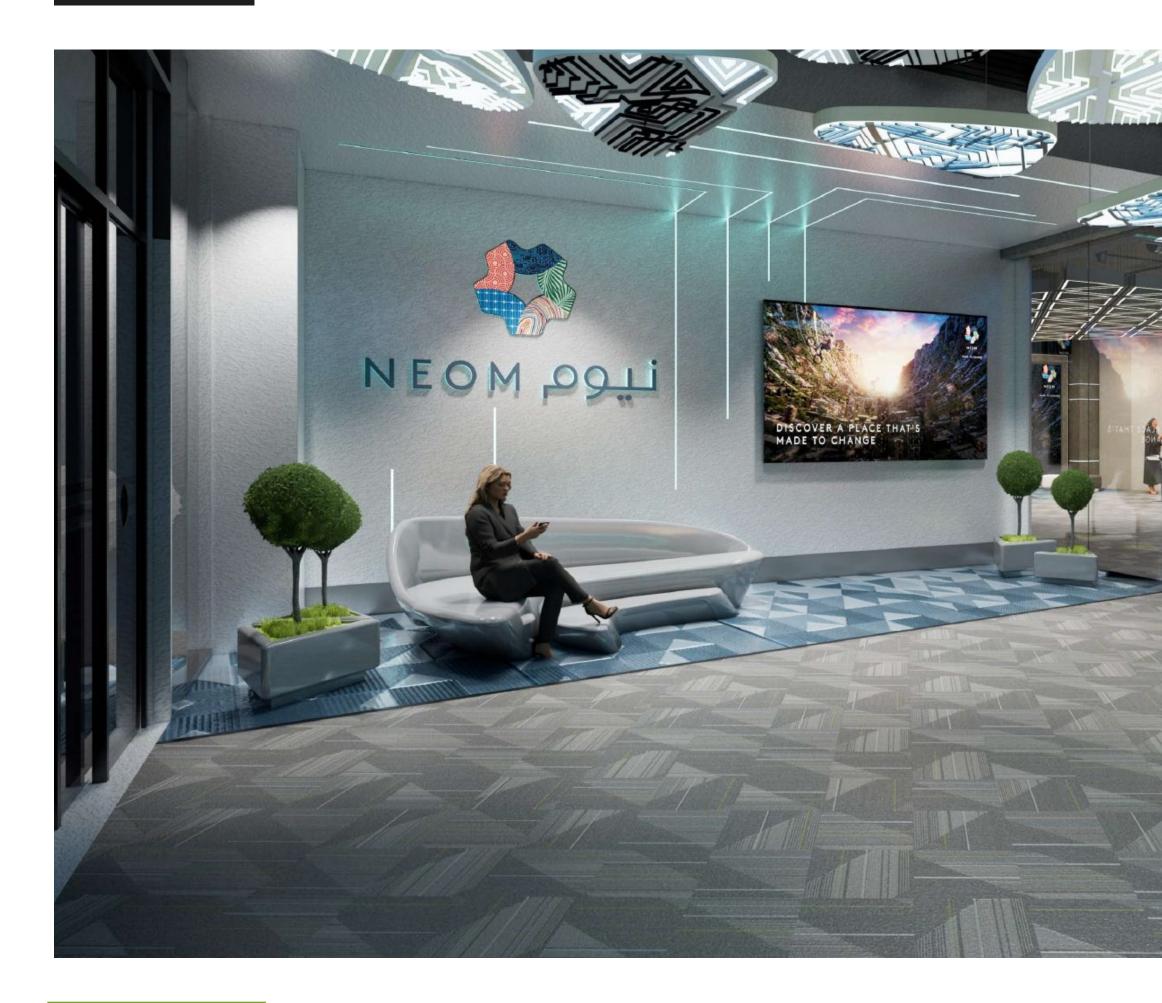




# Projec:

### **ARRIVAL LOUNGE**



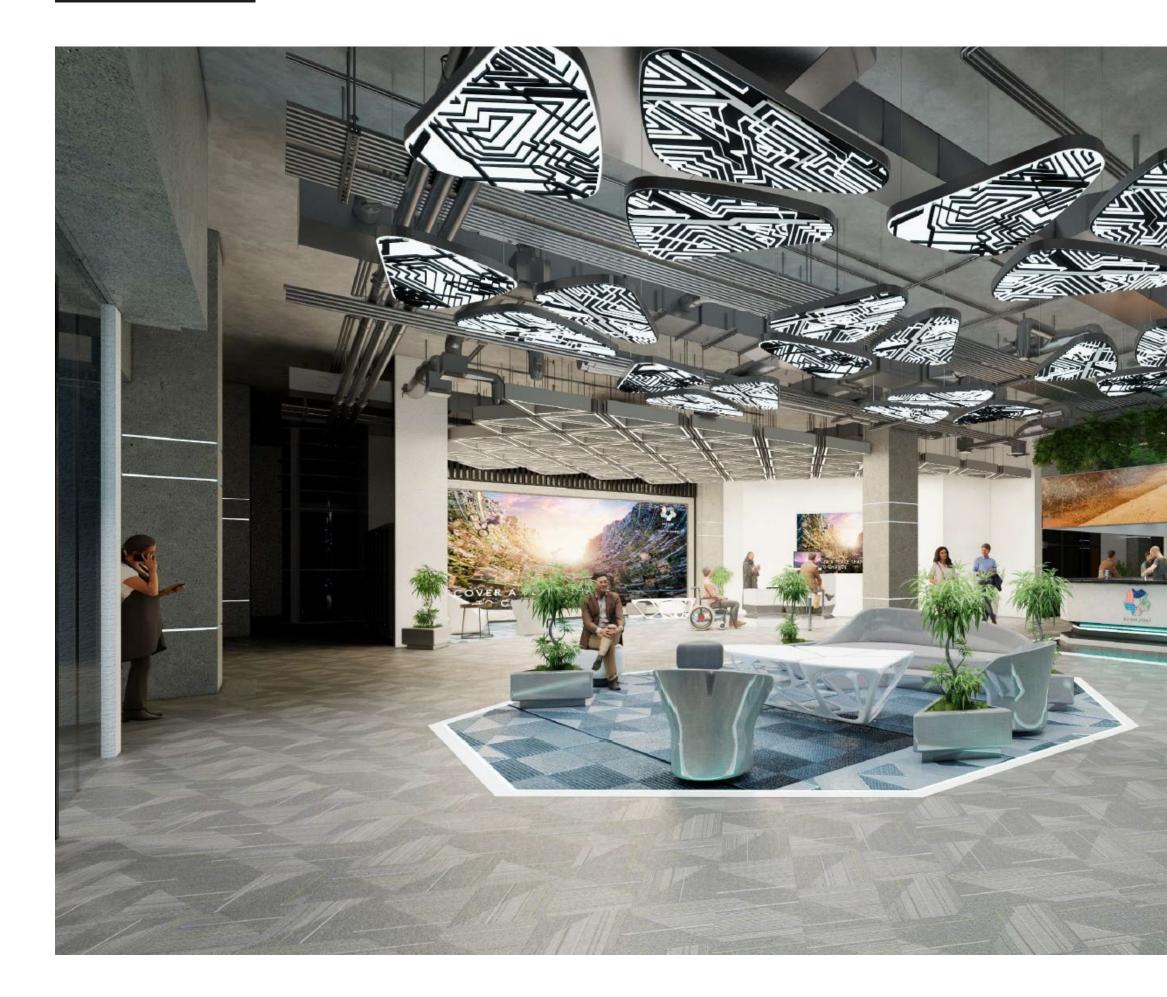




# rojects

### **ARRIVAL LOUNGE**

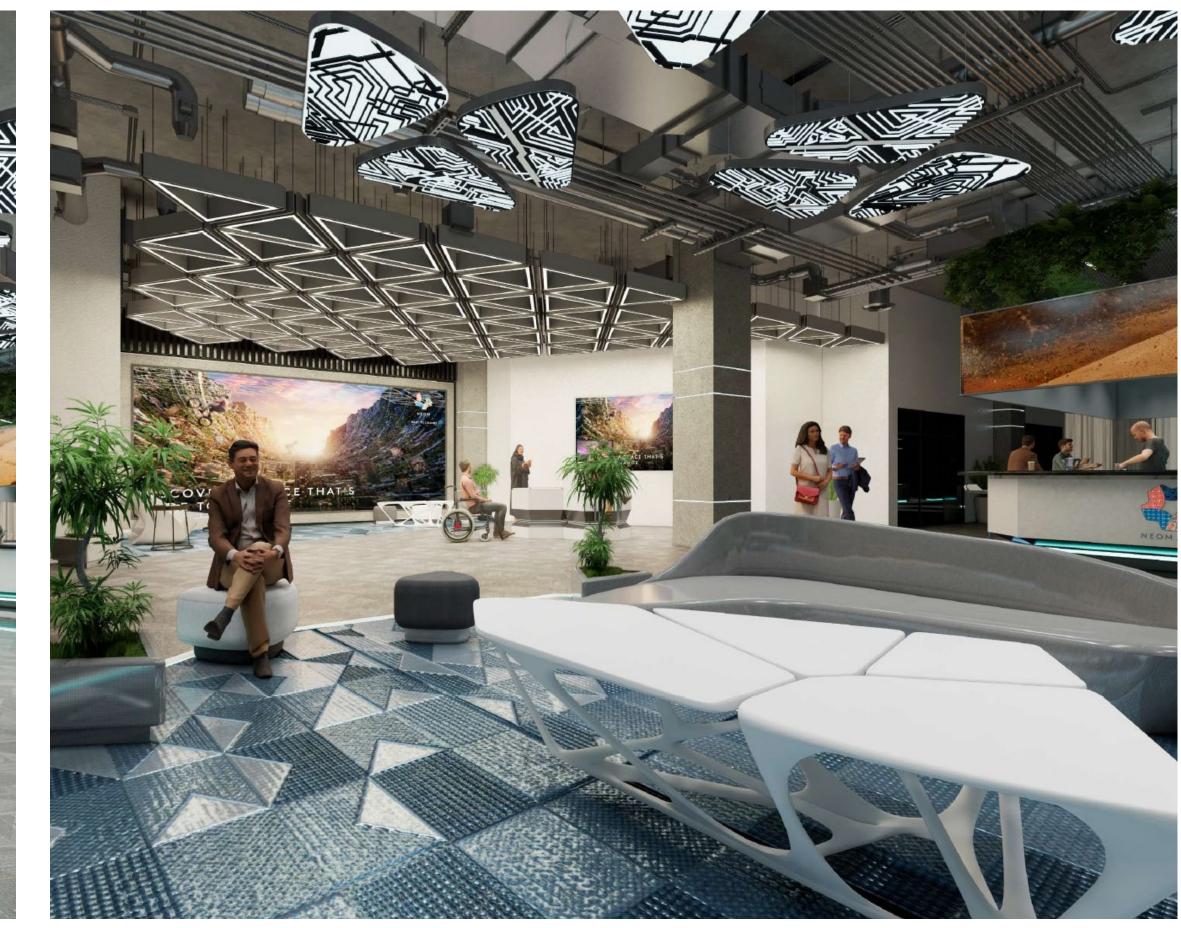




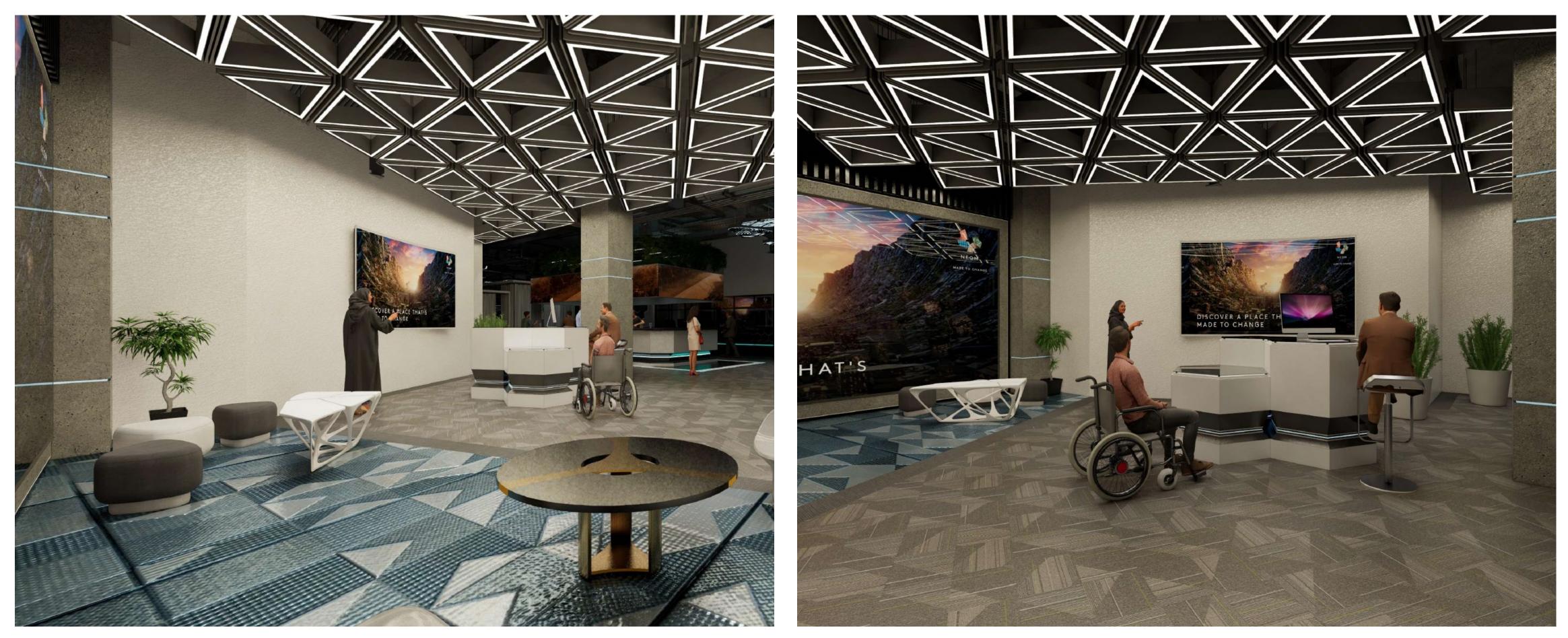


# Projects

### MAIN SPINE









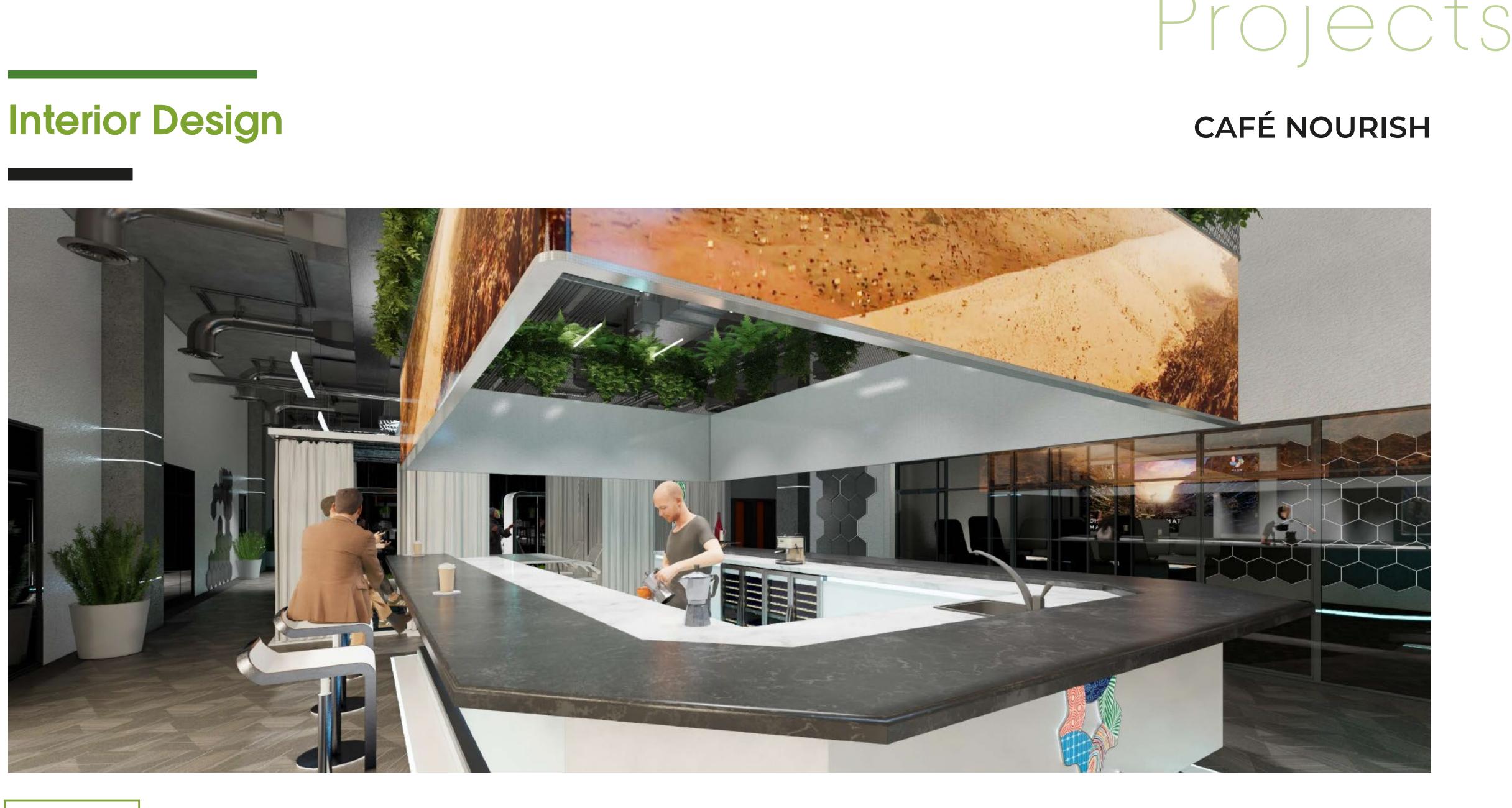
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### MAIN SPINE

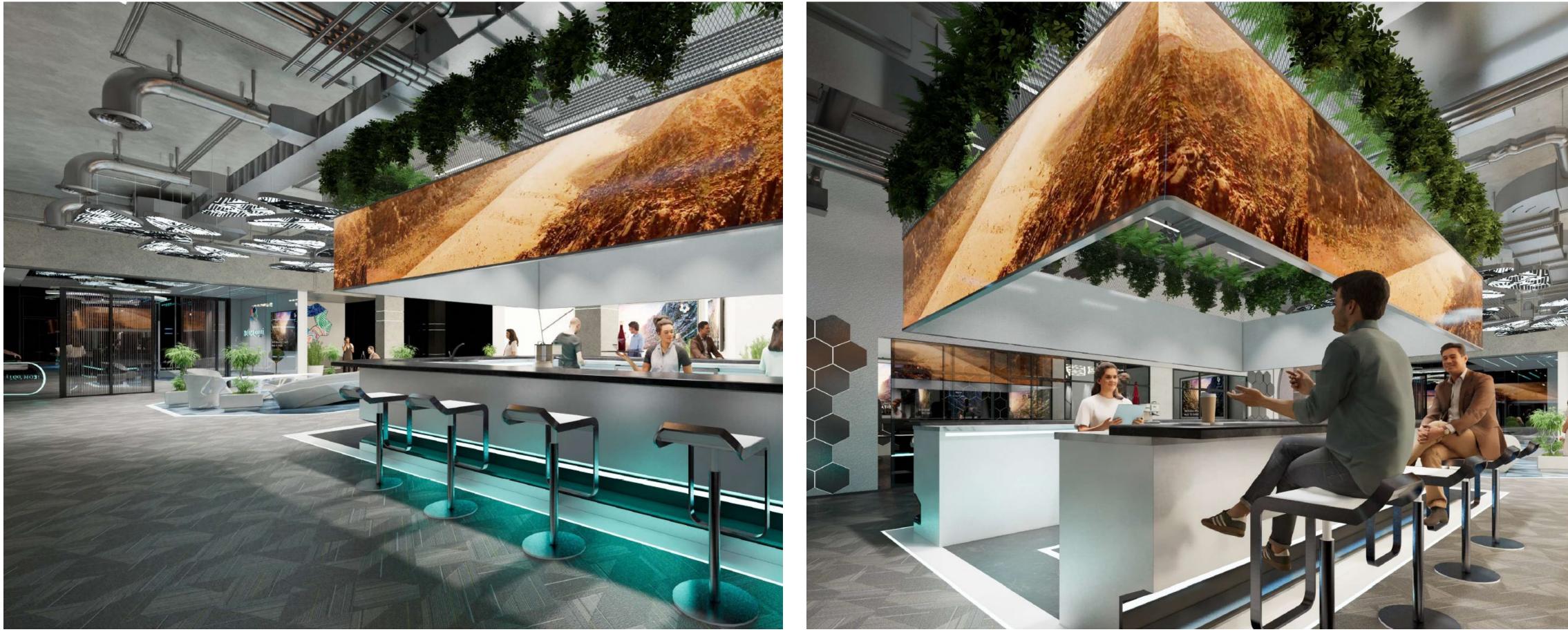












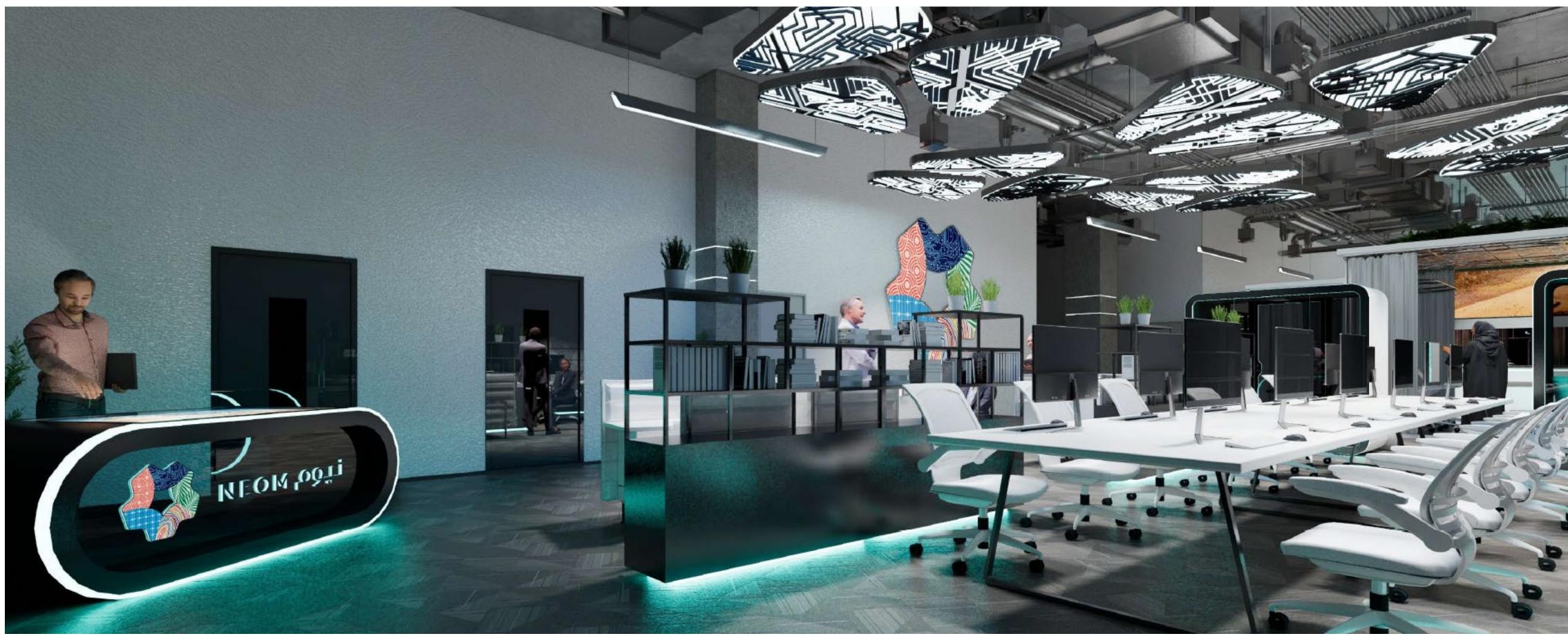


# Projec

### CAFÉ NOURISH









# Projec

### **TECH. SUITE**









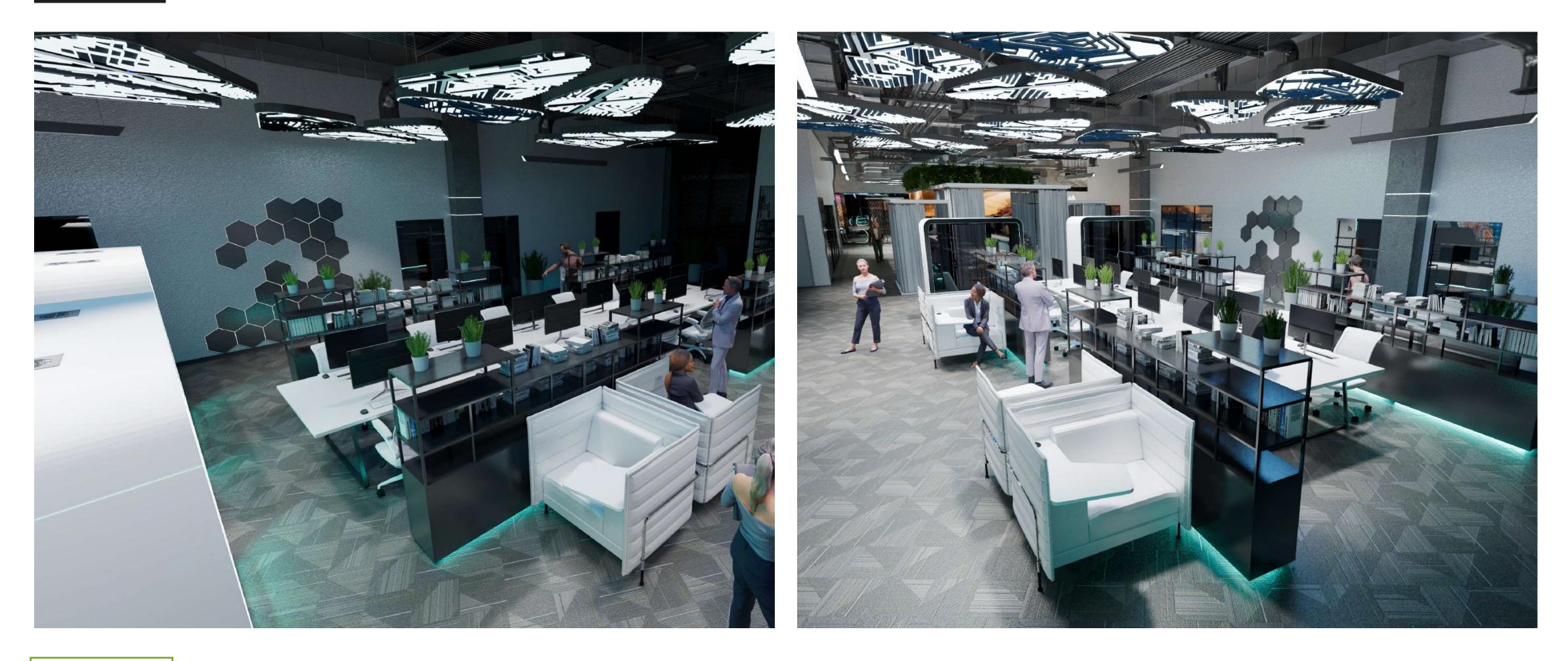


# Projects

### **TECH. SUITE**







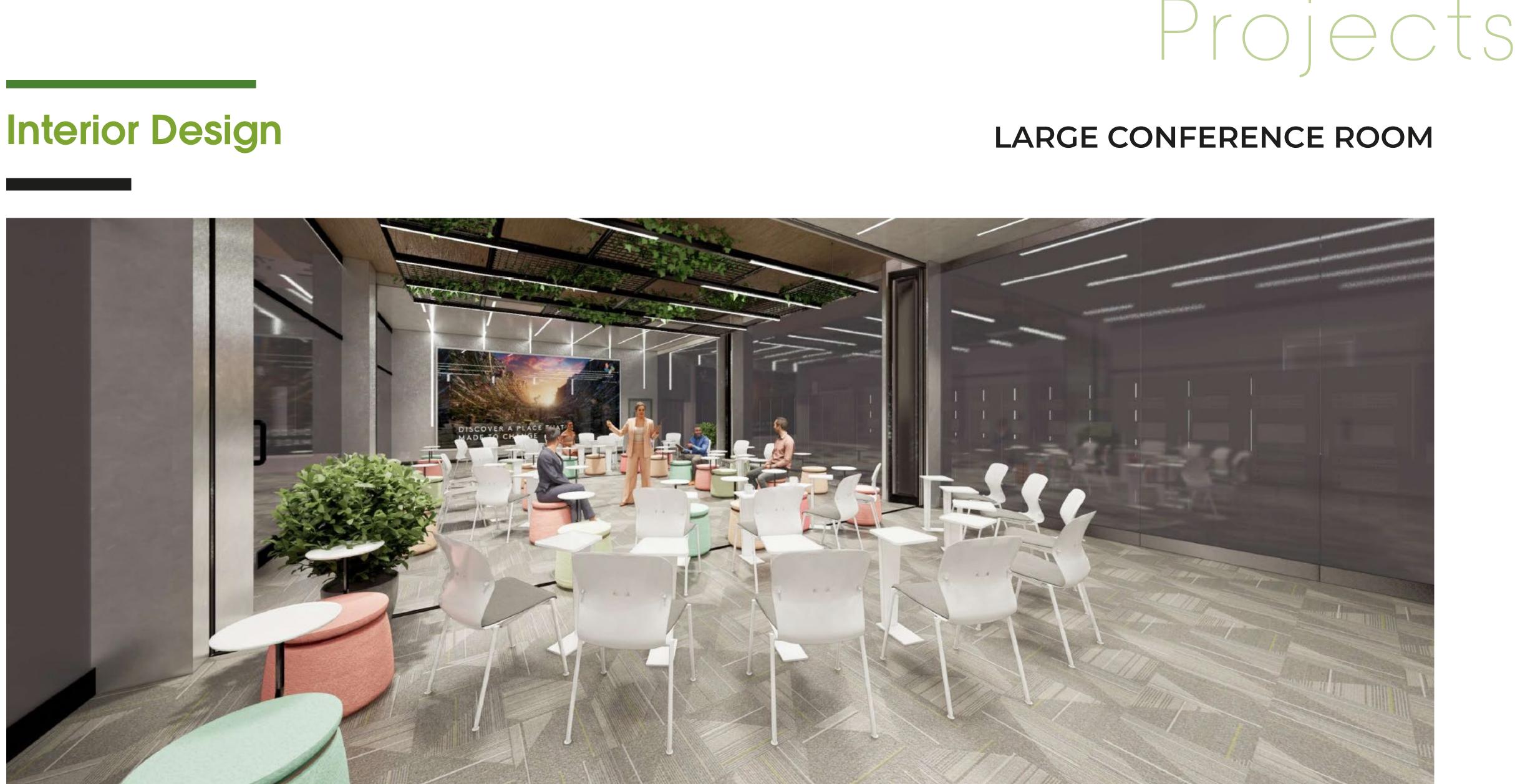


# Projects

### **TECH. SUITE**

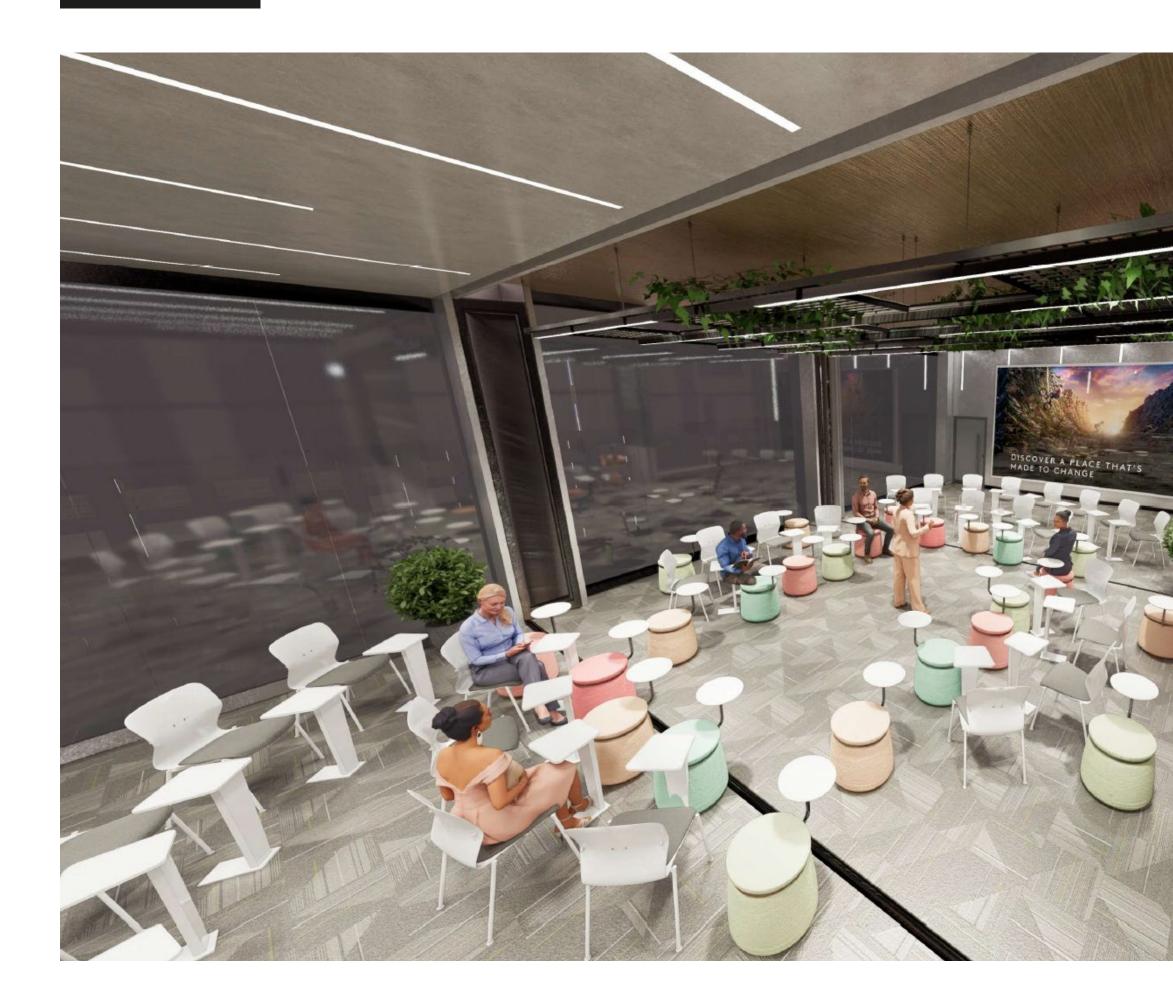








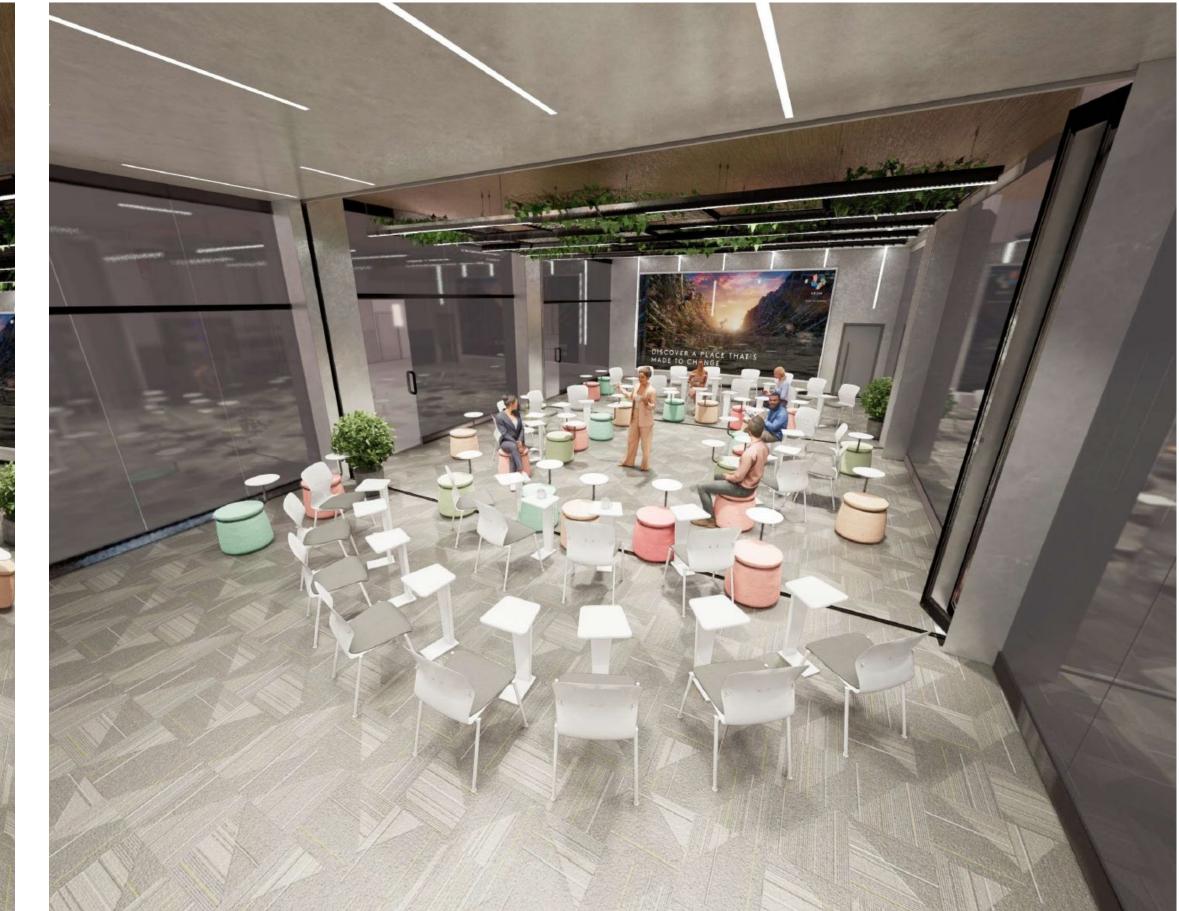






# Projects

### LARGE CONFERENCE ROOM

















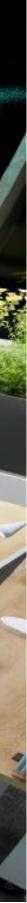




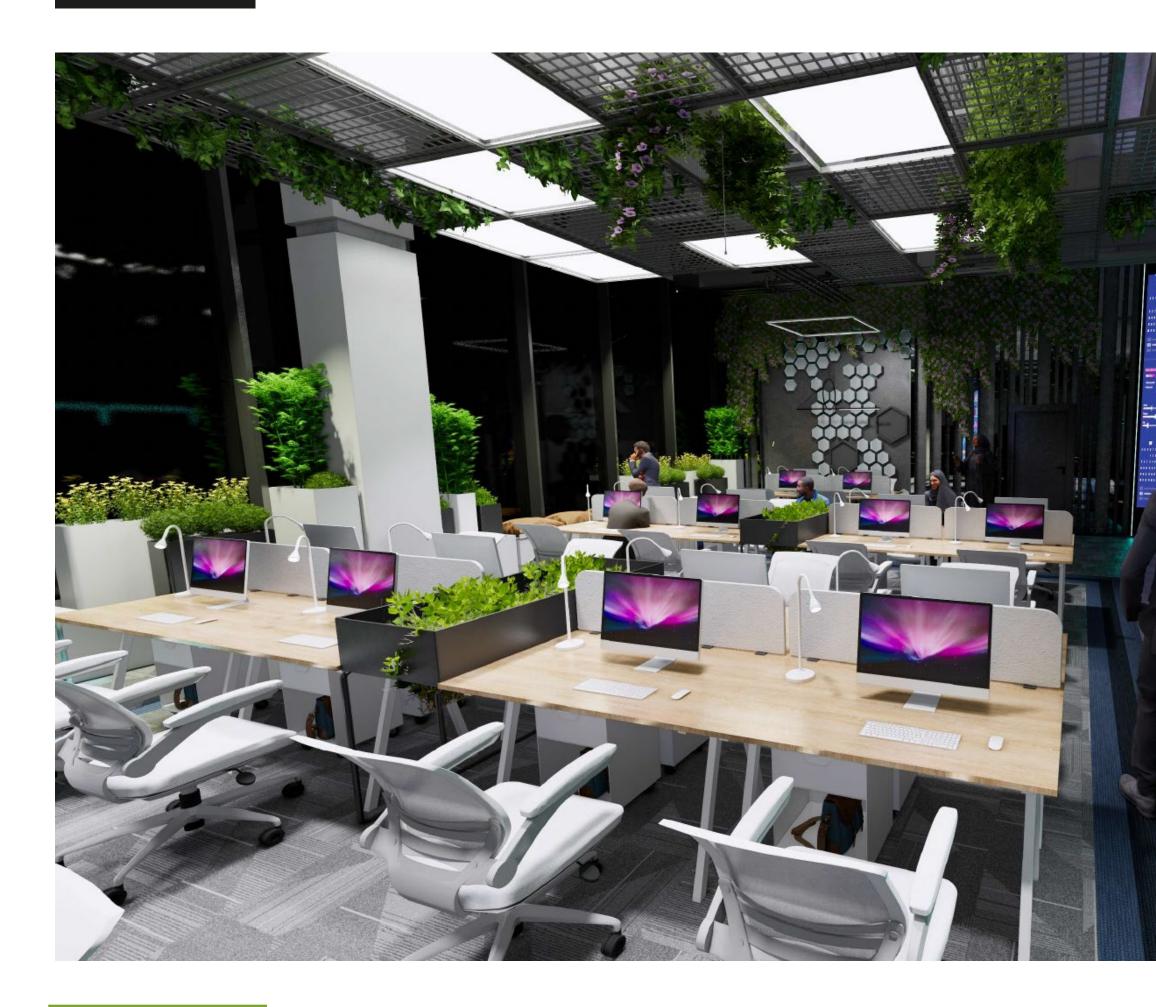
# Projects

### AGILE GARDEN











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### AGILE GARDEN





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### AGILE GARDEN









# Projec

### AGILE GARDEN













# Projects

### Game Room









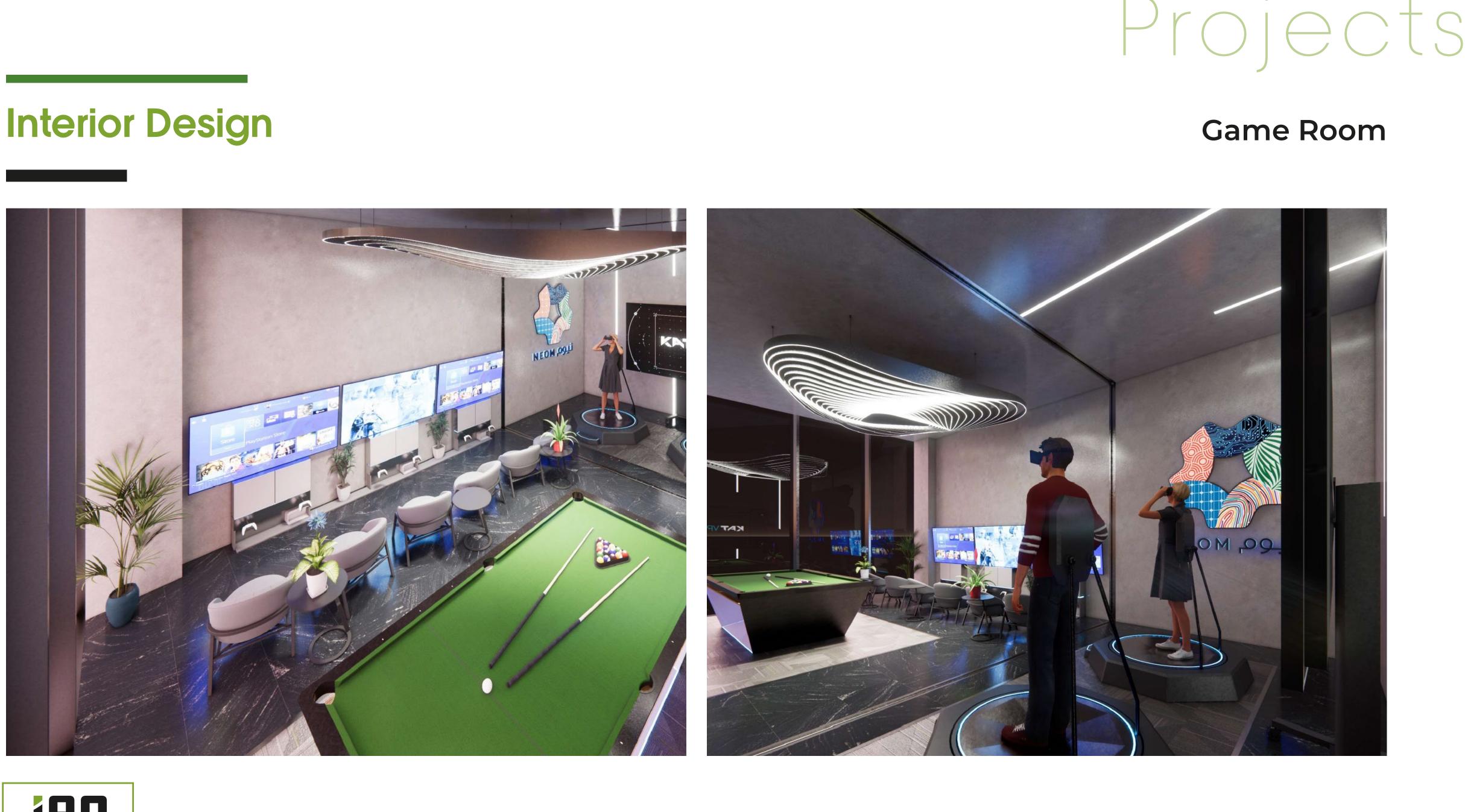
# - rojects

### Game Room

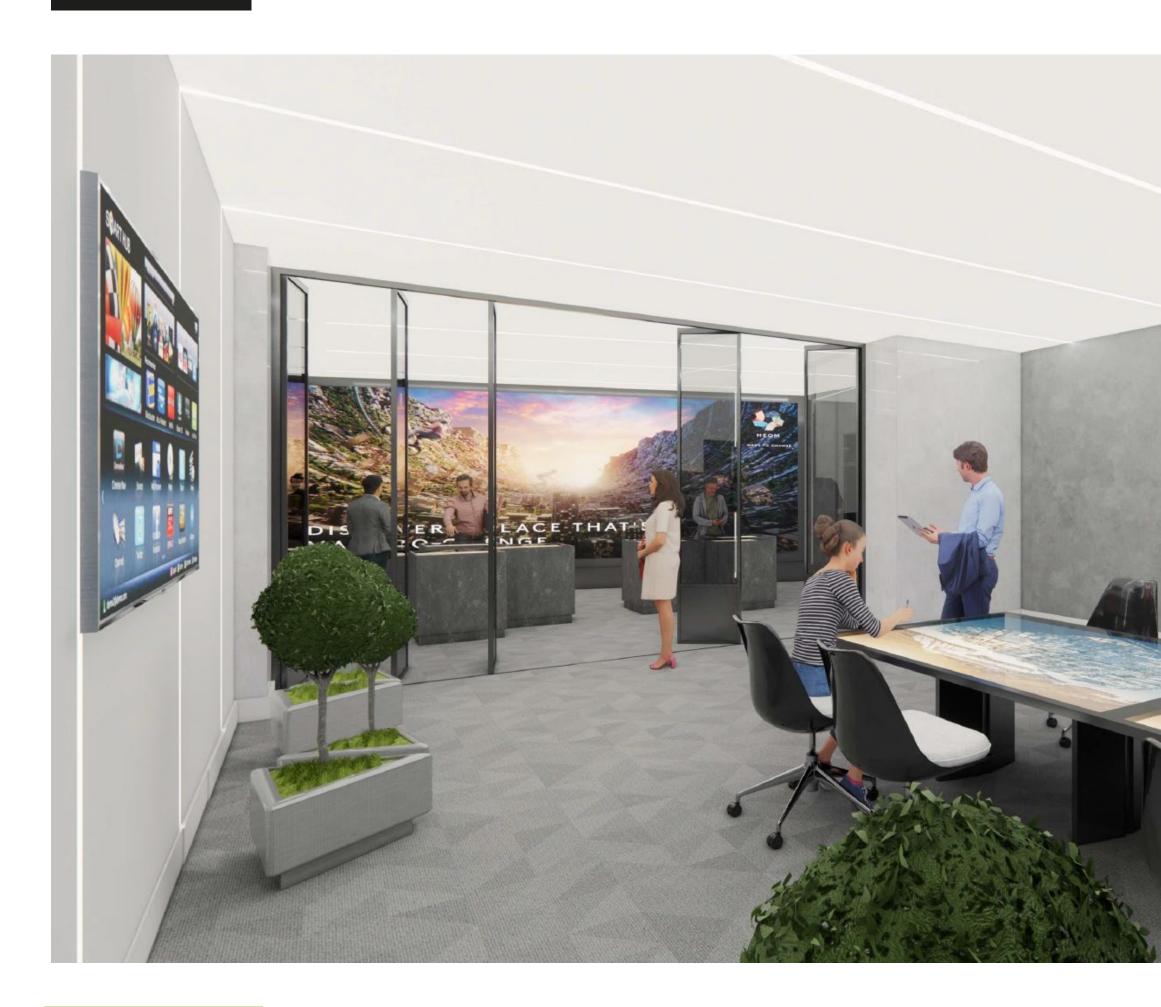




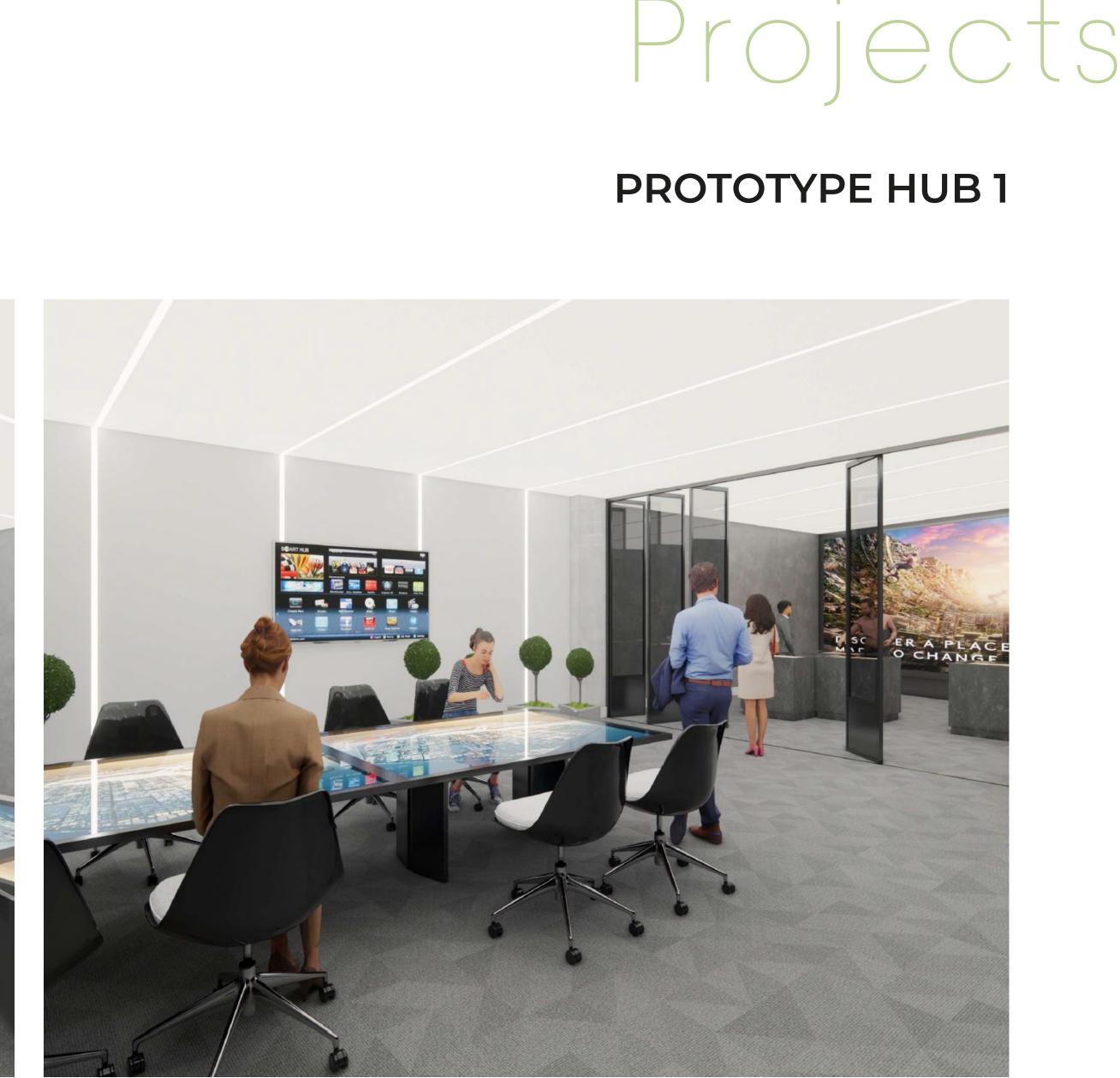














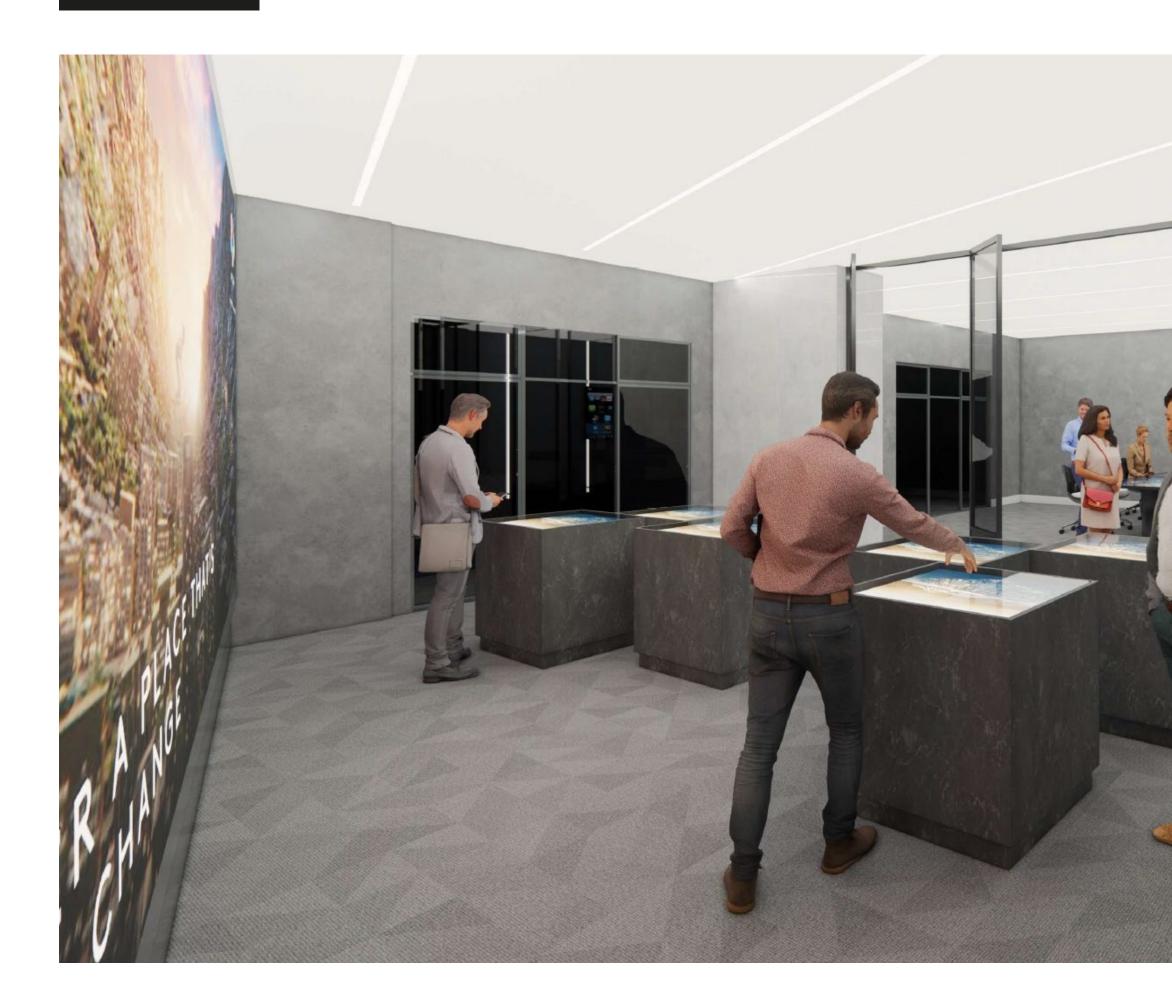


# Projects

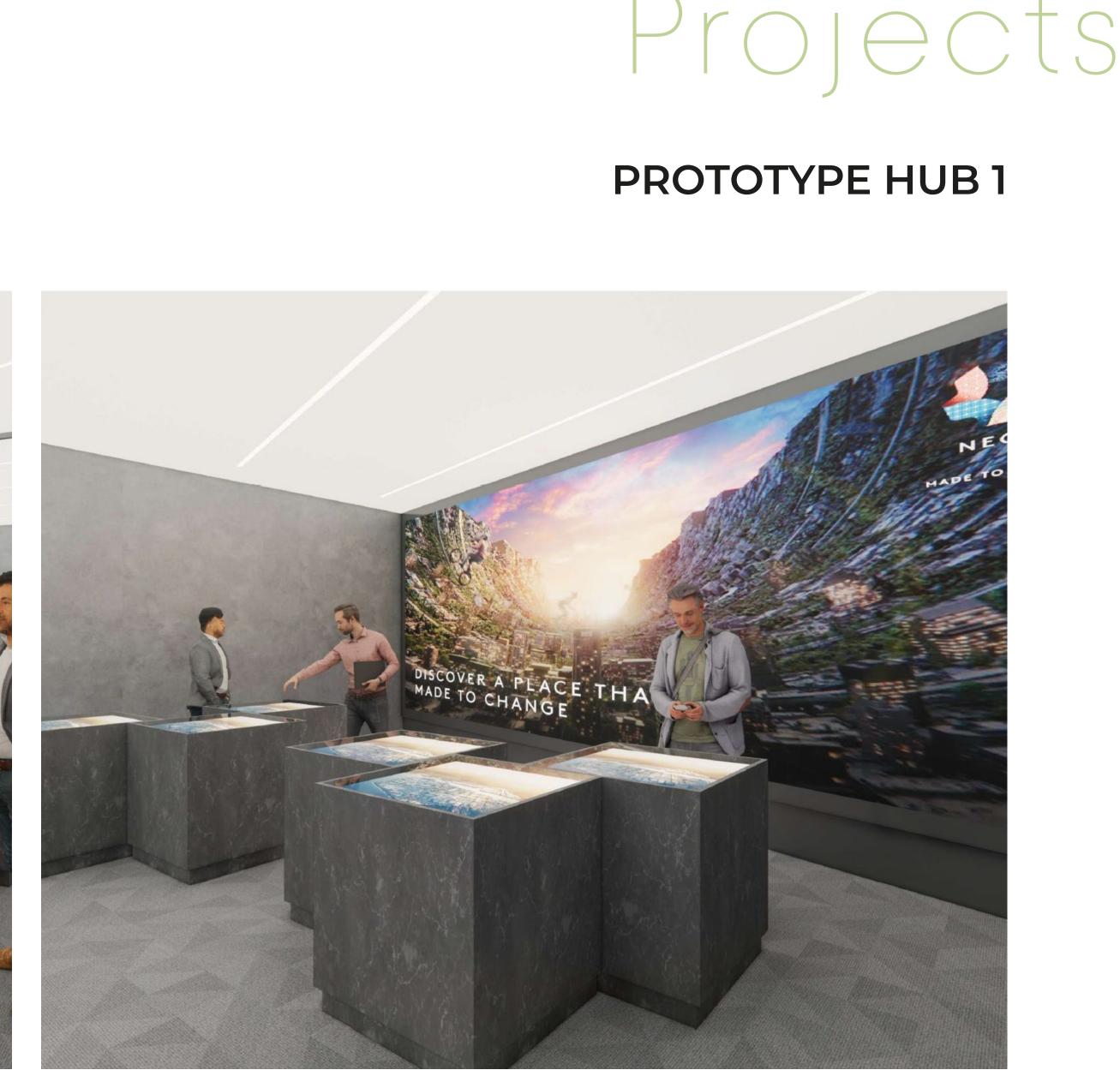
### **PROTOTYPE HUB 1**















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### **BREAK ROOM**











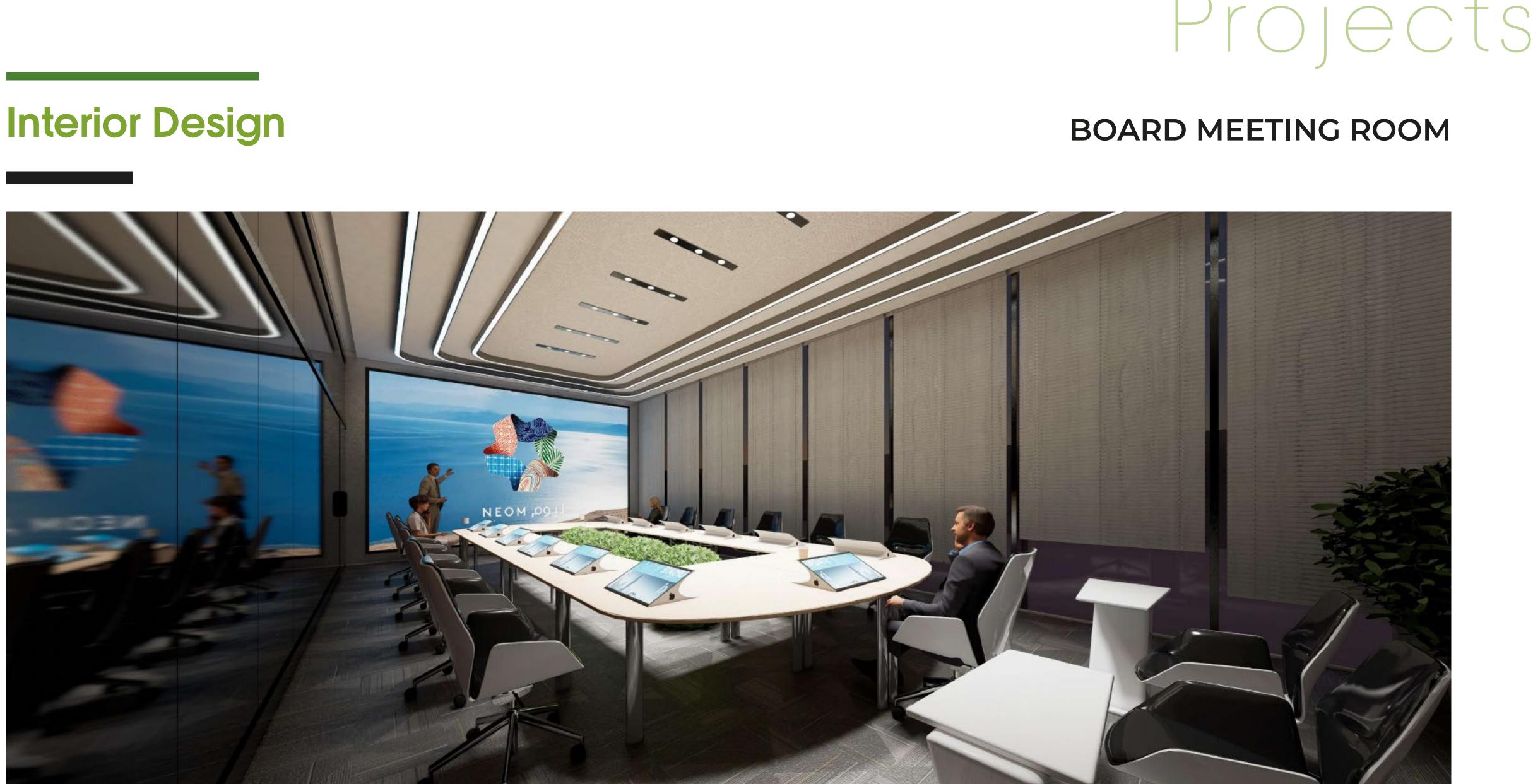


# Projects

### **BOARD MEETING ROOM**











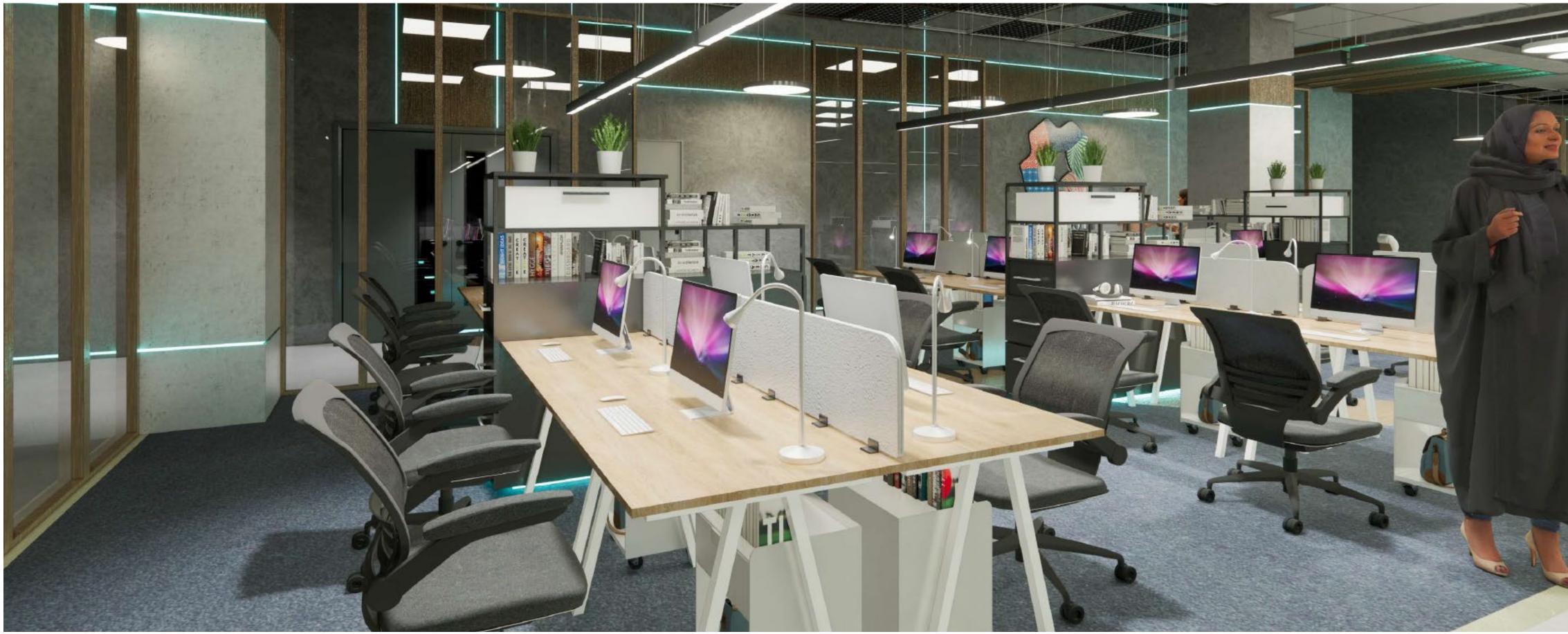


# Projects

### **BOARD MEETING ROOM**







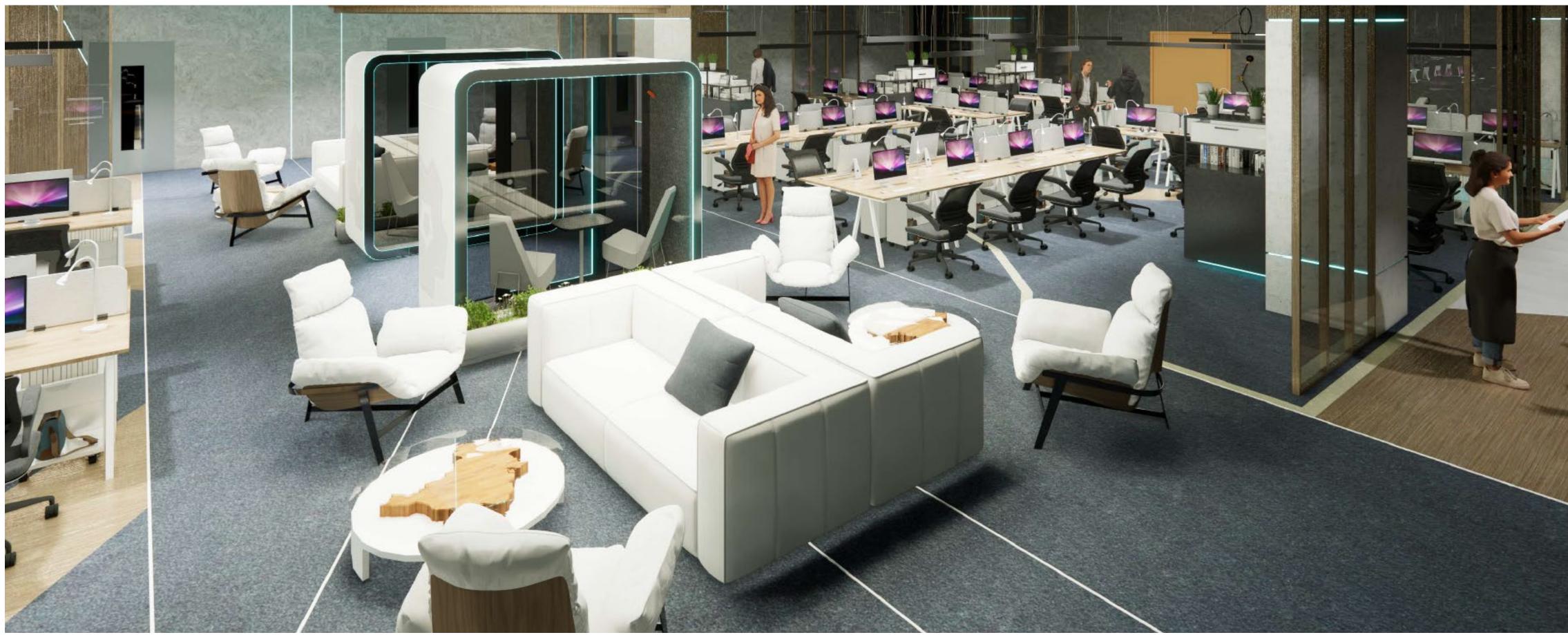


# **Yrojects**

### **OPEN WORK STATION**



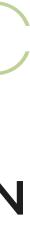


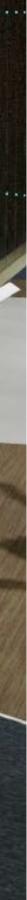


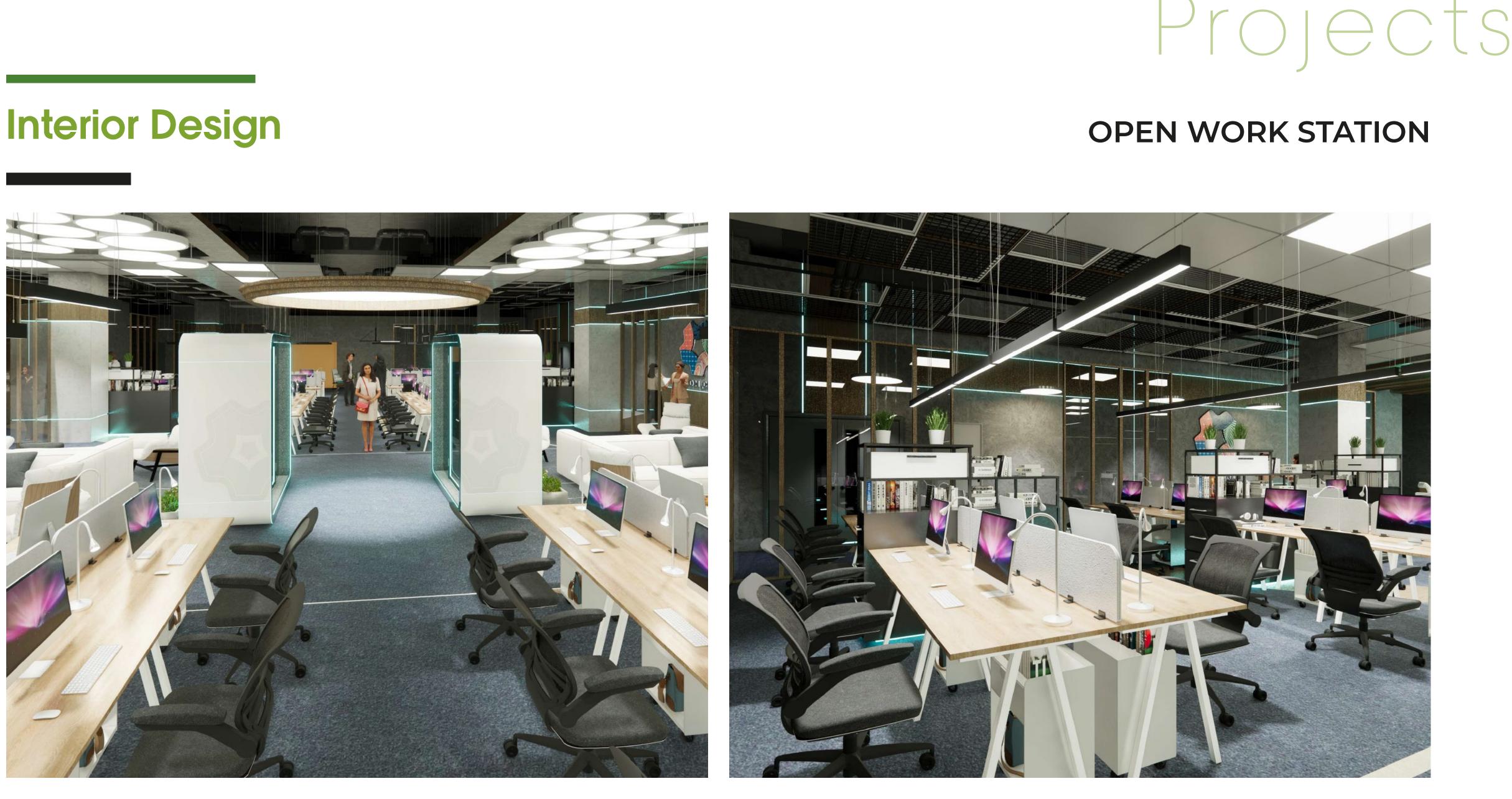


# rojects

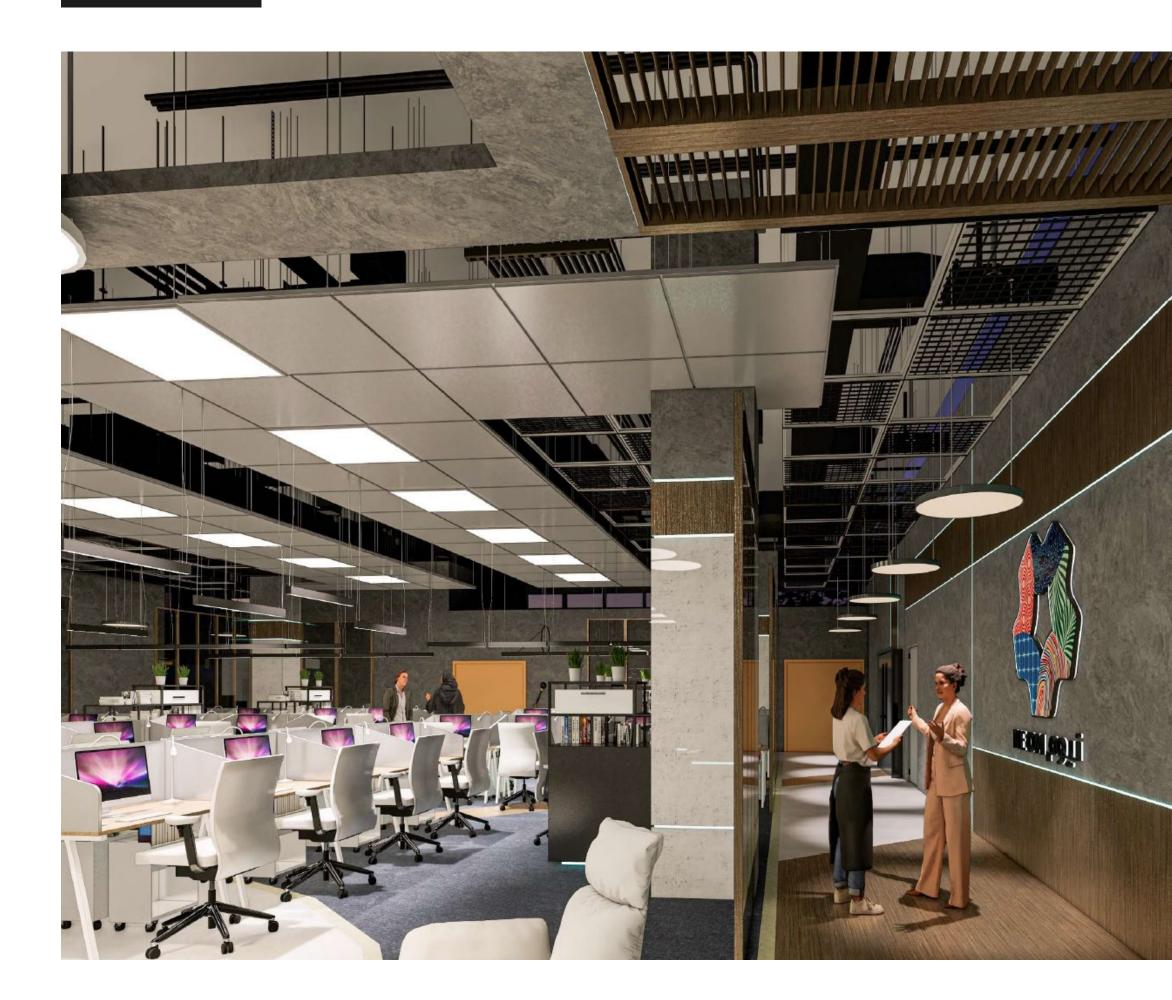
### **OPEN WORK STATION**













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### **OPEN WORK STATION**

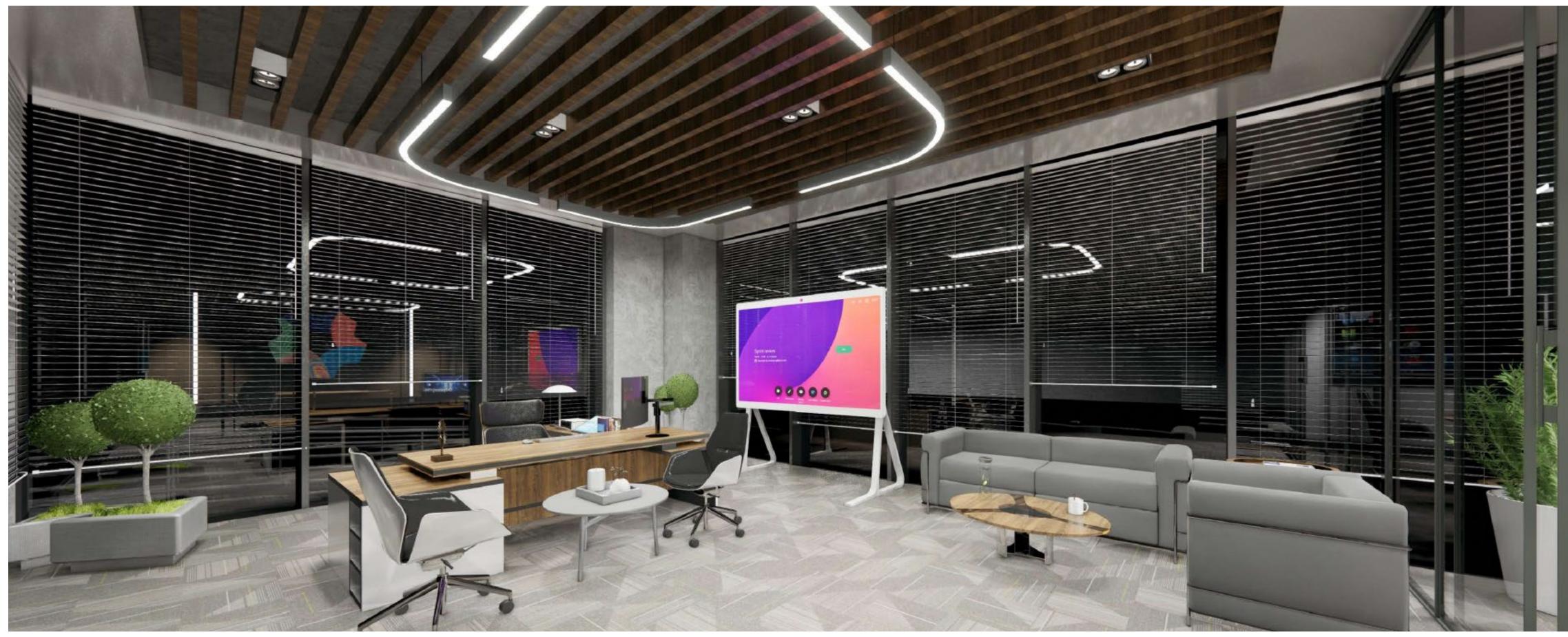












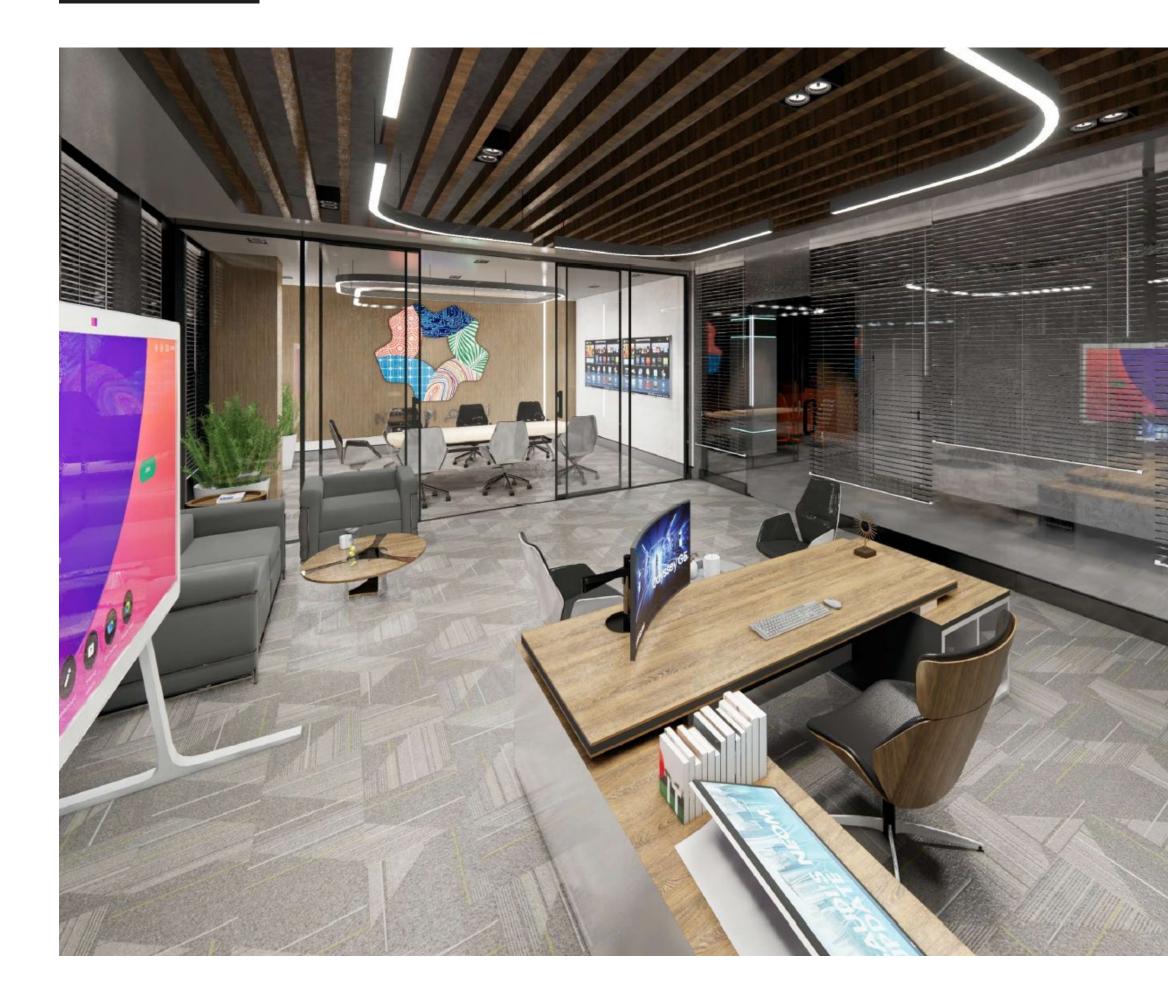


# Projects

### **SECTOR HEAD OFFICE**



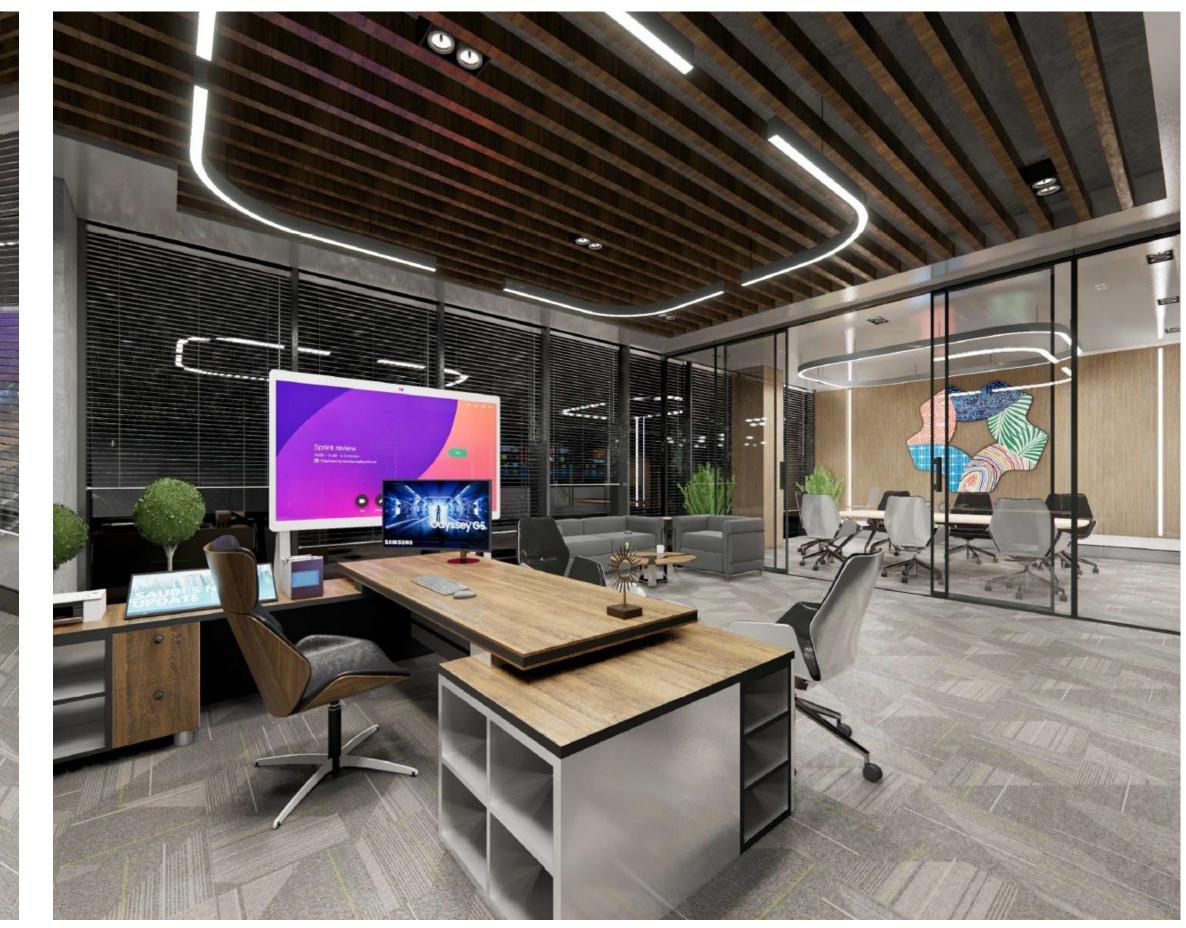






# Projects

### **SECTOR HEAD OFFICE**







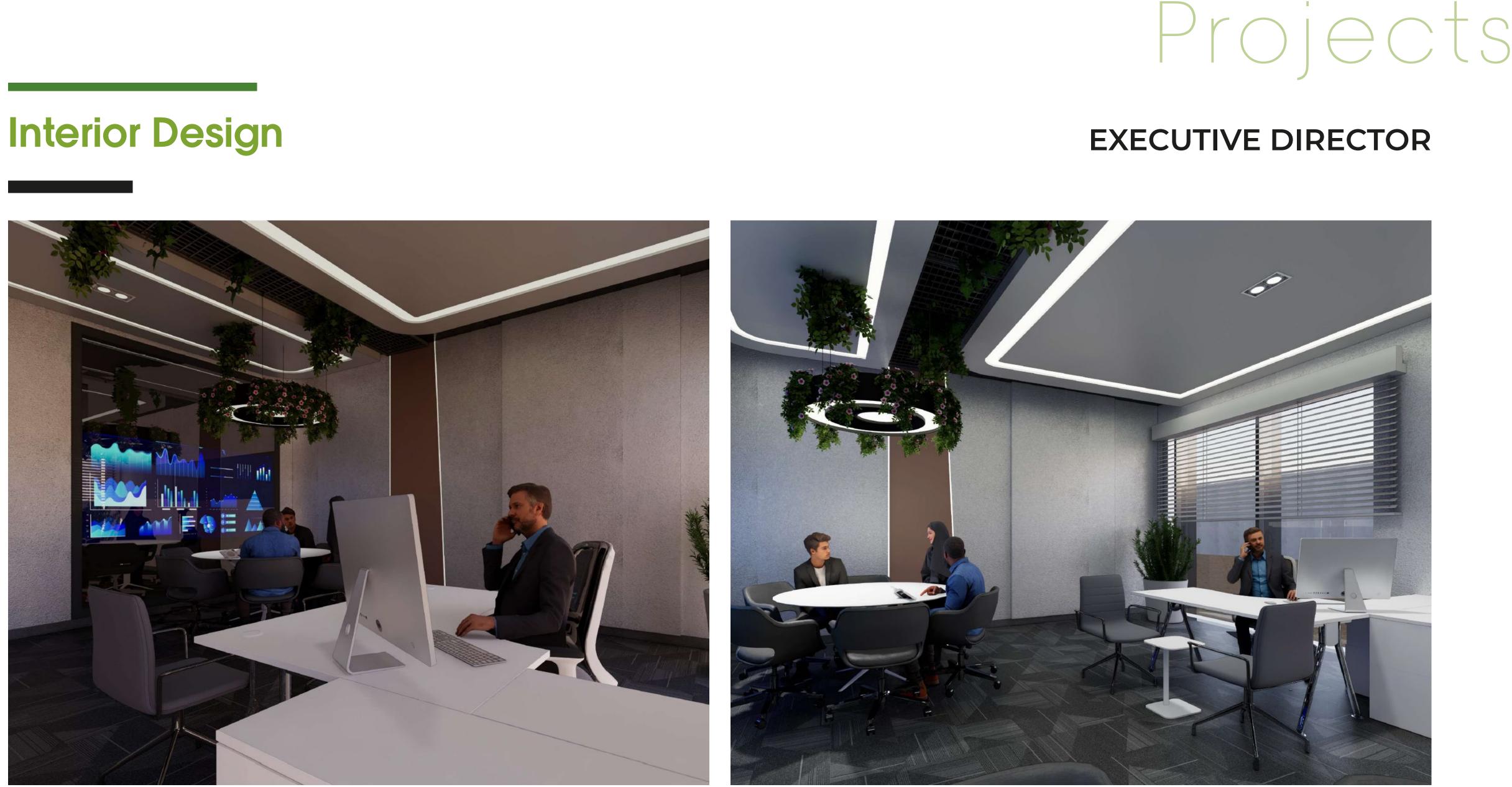


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### SECTOR HEAD OFFICE / MEETING ROOM













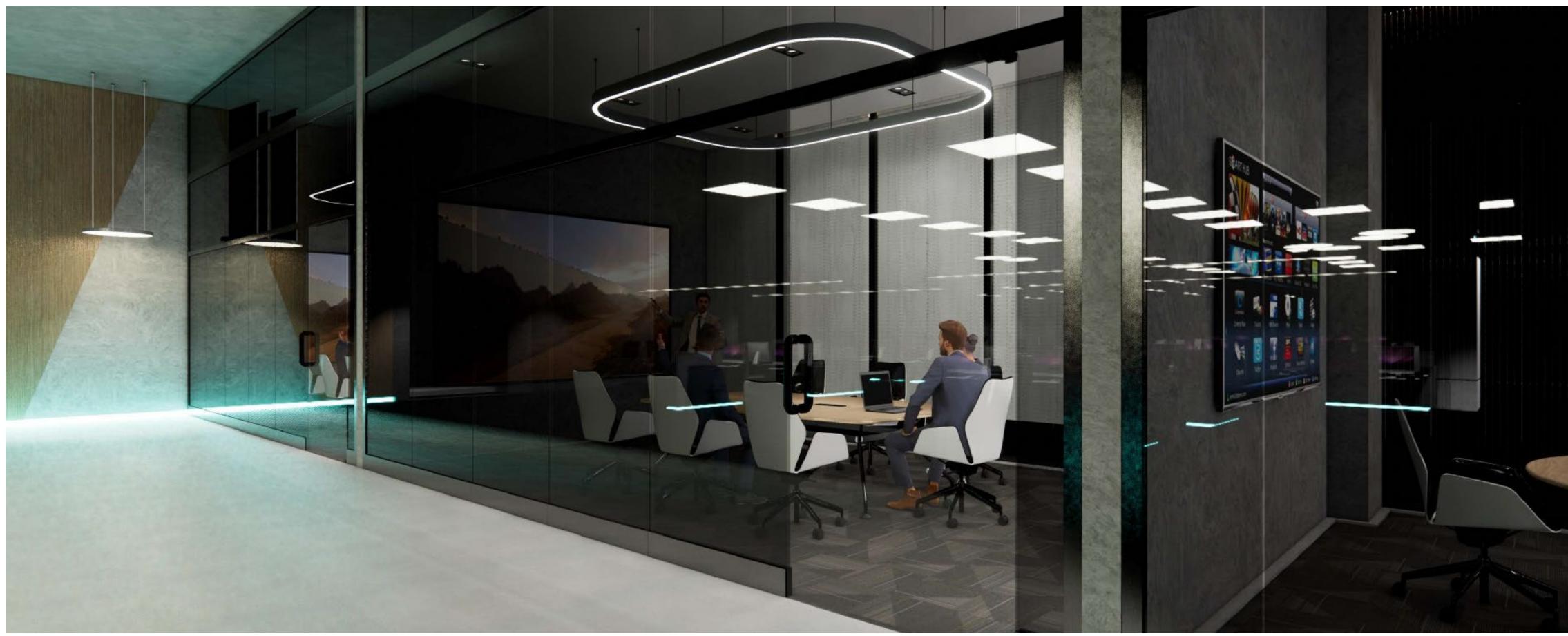


# Project

### **MEETING ROOMS**



tS



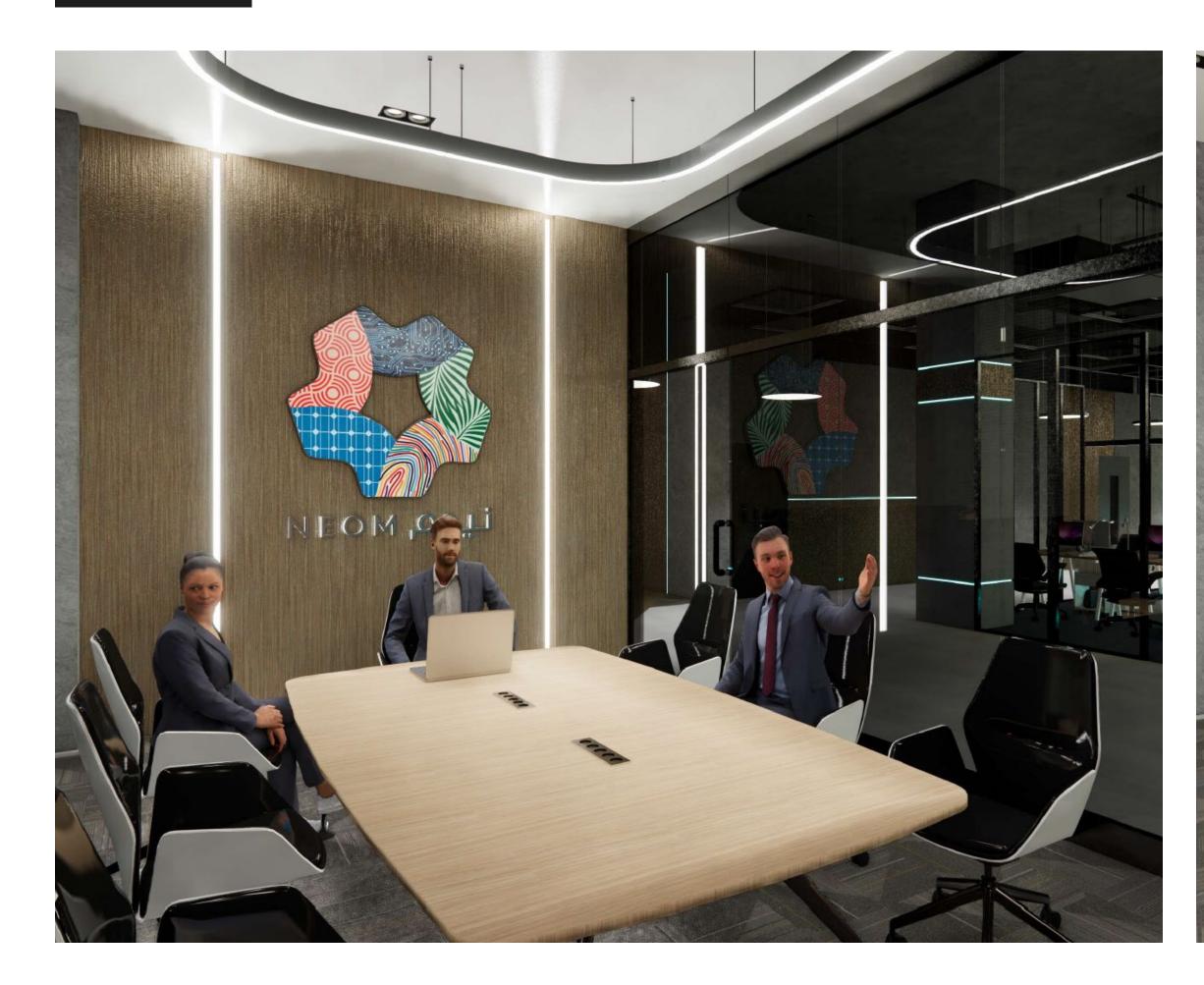


# Projec

### **MEETING ROOMS**



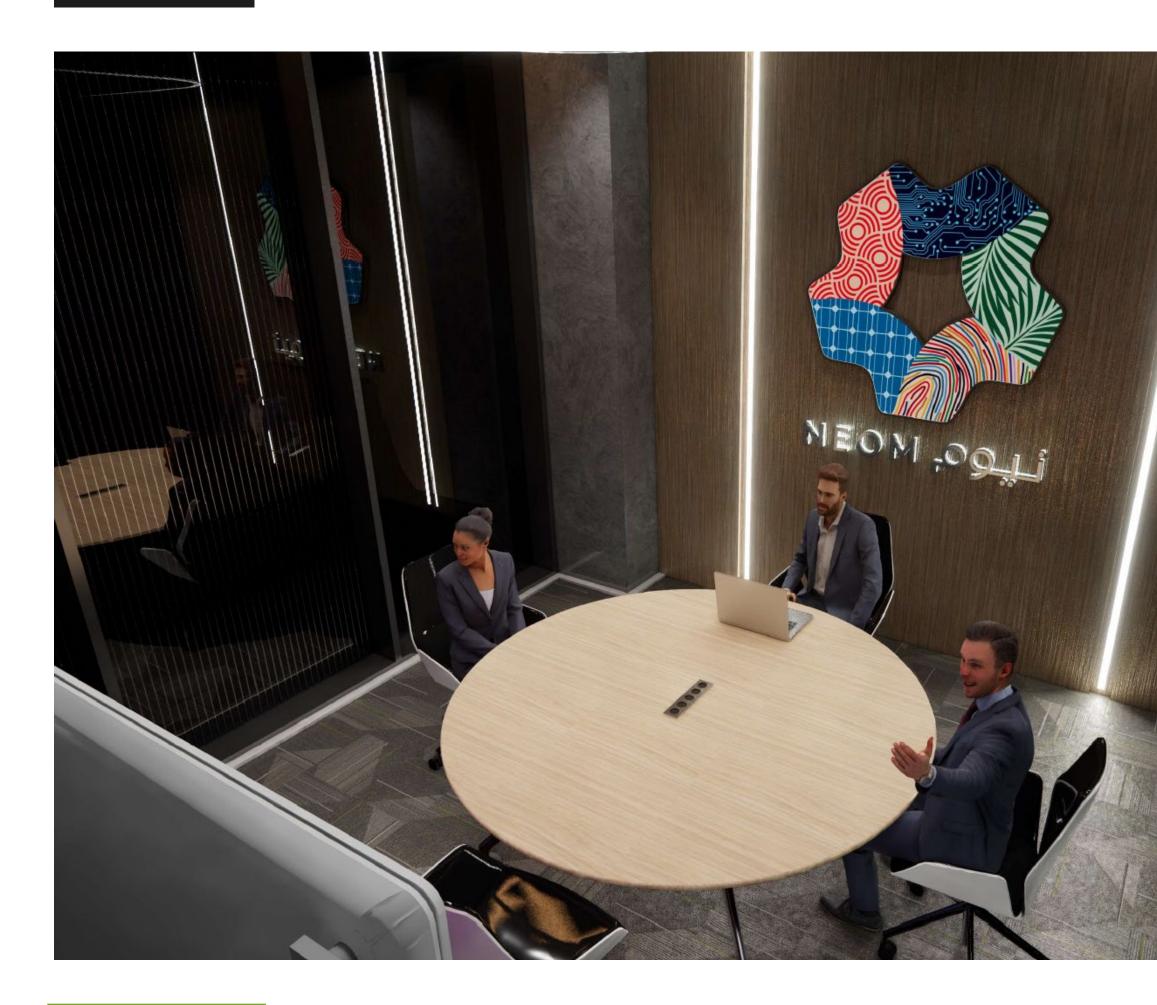
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# Projec

### **MEETING ROOMS**





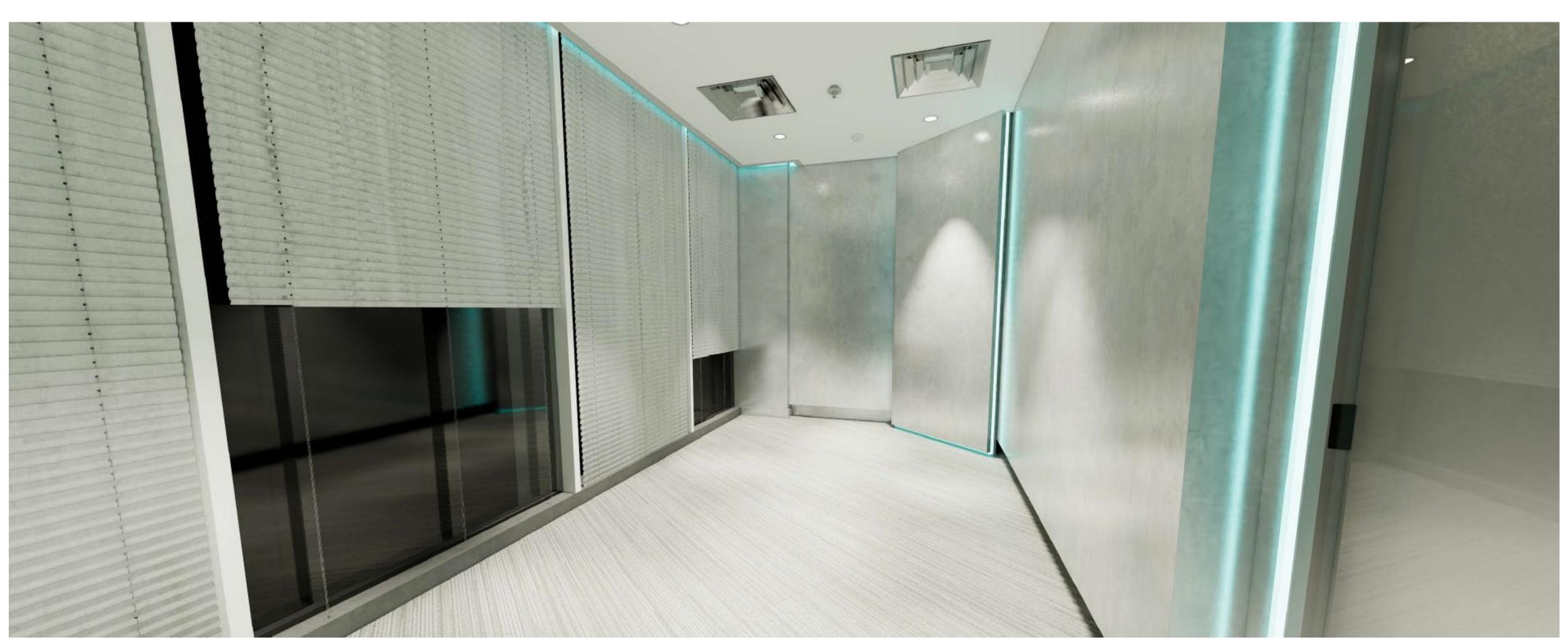




# Projects

### PRAYER ROOM







### . Projects

### PRAYER ROOM











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www.ieo-design.com	

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