دار مصر لتكنولوجيا الإنشاءات
EGYPT HOUSE FOR STRUCTURAL TECHNOLOGY



COMPANY PROFILE

WWW.ehstconsult.com

ABOUT OUR COMPANY

EHST IS AN ELITE ENGINEERING FIRM WITH DIVERSIFIED EXPERIENCE IN DESIGN EXECUTION, SITE SUPERVISION, SITE MANAGEMENT, DETAILING DRAWINGS AND ENGINEERS TRAINING .
EHST EXCELS WITH STRUCTURAL AND ELECTROMECHANICAL SYSTEMS AS OUR MAIN SCOPE OF WORK.

OUR FIRM ARE EMPOWERED BY PROFESSIONAL ENGINEERS, EXCELLING ACADEMIC PROFESSORS AND TRAINED SUPPORTING STAFF; COMING TOGETHER FROM VARIOUS UNIVERSITIES WORLD-WIDE.
EHST IS ESTABLISHED IN 2015 AS A STRUCTURAL . DAY BY DAY EHST GAINED THE TRUST OF OUR CLIENTS.
IN 2017 EHST OPEN ELECTROMECHANICAL AND ARCHITECTURE DEPARTMENTS, IT'S MAN-POWER INCREASED FROM 5 ENGINEERS IN 2015 TO 25 ENGINEERS IN 2026
OVER 131 CONTRACTED PROJECTS THAT EHST HAS PARTICIPATED IN THROUGH THESE 11 YEARS.
OVER _ CLIENTS TRUSTED BY EHST AS THEIR CONSULTANT.
EHST THROUGH 2028 WILL TRANSFORM FROM NATIONAL INTO INTERNATIONAL CONSULTING FIRM.

Our Mission

TO DELIVER INNOVATIVE, RELIABLE, AND MULTI-DISCIPLINARY ENGINEERING SOLUTIONS—SPECIALIZING IN STRUCTURAL TECHNOLOGY, GEOTECHNICAL EXPERTISE, ARCHITECTURE, AND ELECTROMECHANICAL SERVICES. WE ARE DEDICATED TO PROVIDING WORLD-CLASS DESIGN, SITE MANAGEMENT, AND DETAILING THAT CONSISTENTLY EXCEEDS CLIENT EXPECTATIONS AND BUILDS LONG-TERM TRUST.









Our Vision

TECHNICAL EXCELLENCE

INTEGRITY & TRUST

MULTI-DISCIPLINARY SYNERGY

EHST SERVICES



- Design And Site Supervision
- Value Engineering
- Evaluation of Existing Buildings
- Detailed Construction Drawings
- BIM Centered AND MACHINE LEARNING
- Funding Educational projects

DESIGN AND SITE SUPERVISION

EHST HAS EXPERT CONSULTANT/ENGINEERS FOR DESIGN AND SUPERVISE FOR DIFFERENT KINDS OF PROJECTS. THIS TEAM INSURE MAXIMUM LEVEL FOR SAFETY AND COORDINATION FOR THE DESIGN OF PROJECTS HAND TO HAND WITH SAFETY FOR CONSTRUCTION PROCEDURES.

VALUE ENGINEERING

ONE OF STRONGEST CAPABILITIES FOR EHST IS SAVING COST FOR THE PROJECT. BY REDESIGNING THE PROJECT AND DECREASING THE QUANTITIES OF THE MATERIALS WITHIN CODE LIMIT AND SPECIFICATION OF THE PROJECT.



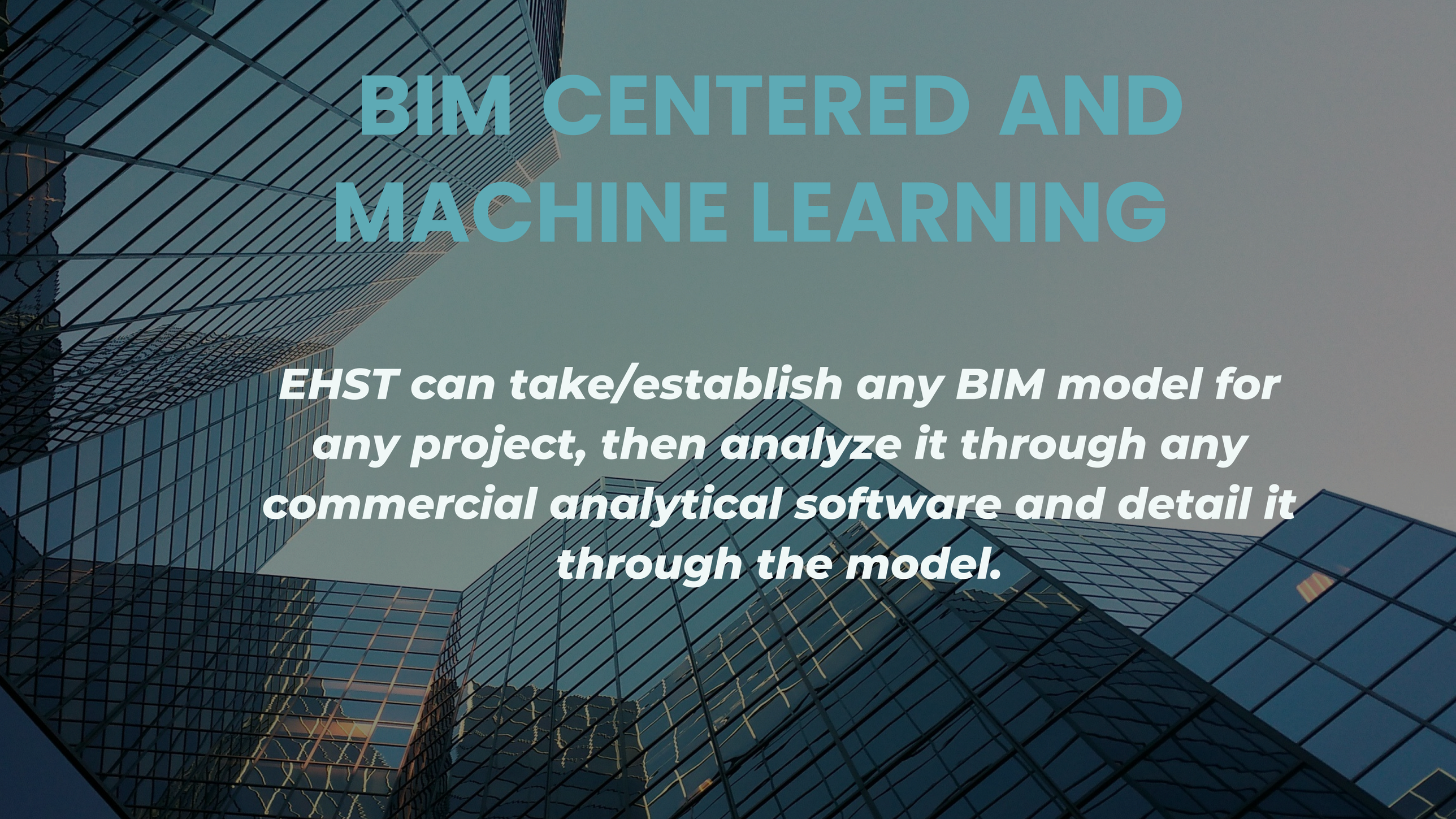
EVALUATION OF EXISTING BUILDINGS

ONE OF EHST'S KEY CAPABILITIES IS THE EXAMINATION OF EXISTING BUILDINGS; EHST HAS ANALYZED OVER 20 BUILDINGS THROUGHOUT EGYPT AND THE GULF AREA. BY DOING APPROPRIATE CONCRETE/STEEL TESTING, THE STRUCTURE CAN THEN BE REMODELLED AND EITHER REPAIRED OR STRENGTHENED TO WITHSTAND THE INCREASED LOADS.

DETAILED CONSTRACTION DRAWINGS



EHST HAS A CAPABILITY TO FINISH MINIMUM 10 DETAIL DRAWINGS PER DAY, DEPENDING ON THE RATIO OF THE DETAIL REQUIRED THROUGH EITHER BIM MODEL OR ANY OTHER DETAIL SOFTWARE.



BIM CENTERED AND MACHINE LEARNING

EHST can take/establish any BIM model for any project, then analyze it through any commercial analytical software and detail it through the model.

FUNDING EDUCATIONAL PROJECT

EHST FULFILLS ITS SOCIAL RESPONSIBILITY AS AN ENGINEERING FIRM BY FINANCING ENGINEERING EDUCATIONAL INITIATIVES AND CEREMONIES. SINCE 2023, EHST SET A SIDE 10% OF ITS ANNUAL PROFIT FOR EDUCATIONAL ENGINEERING FUNDS SUCH AS OPTIMIZATION TECHNIQUE AND AI SOFTWARE.

PROJECTS

1 ADMINISTRATION PROJECTS

2 EDUCATION PROJECTS

3 COMMERCIAL PROJECTS

4 HEALTH CARE PROJECTS

5 RESIDENTIAL PROJECTS

6 INDUSTRIAL PROJECTS

7 ENERGY

8 GOVERNMENTAL PROJECTS

ADMINISTRATION PROJECTS:

NATIONAL BANK OF EGYPT (NBE):

Location: New Administration Capital
Client: SIAC Construction (consultant of the contractor)
Contract Start Date: 2019
Project description: 2 basements+ Ground + 6 floors + Roof
Approximate Built-up area: 42000 m2
Estimated project cost: 350M EGP



EHST SCOPE OF WORK:

· Checking of safety for the as-built construction of National Bank of Egypt,
· Checking of safety for Electromechanical openings in the structural elements,
· Providing the contractor with more than 40 reports through the construction process,
· Attending technical meeting with the designers,
· Solving construction problems, and
· Providing the contractor with method of statement for strengthening, repairing and linking between concrete and steel elements.



ADMINISTRATION PROJECTS:

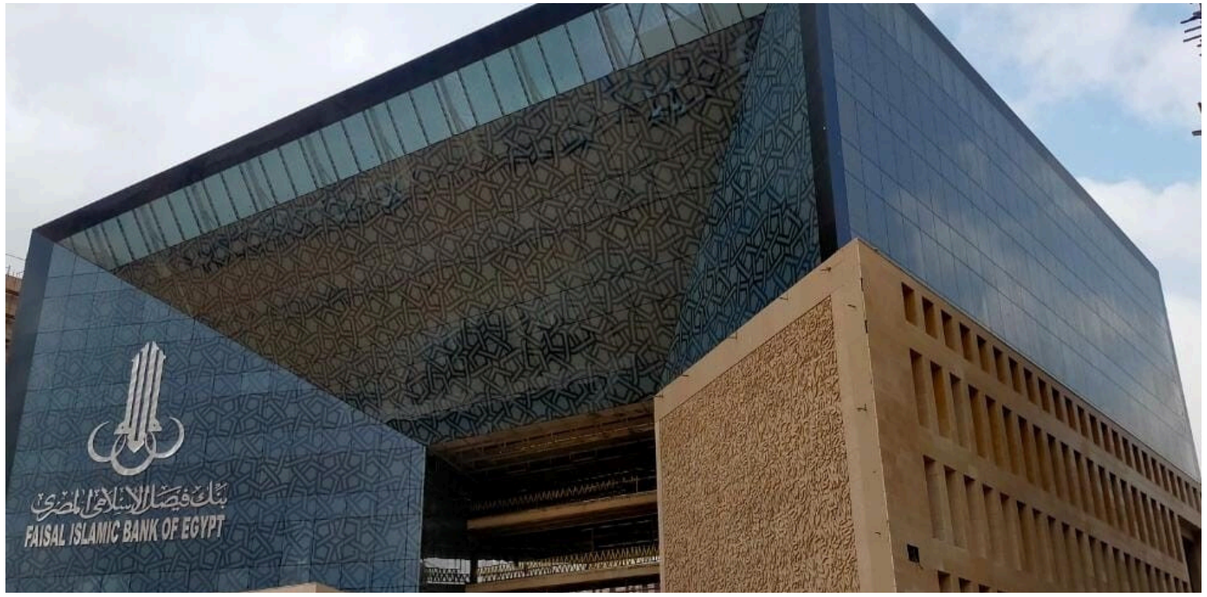
FAISAL ISLAMIC BANK (FIB):

Location: New Administration Capital
Client: SIAC Construction (consultant of the contractor)
Contract Start Date: 2021
Project description: 2 basements + Ground + 6 floors + Roof
Approximate Built-up area: 39000 m2
Estimated project cost: 272M EGP



EHST SCOPE OF WORK:

·Checking of safety for the as-built construction of Faisal Islamic Bank,
·Checking of safety for Electromechanical openings in the structural elements,
·Providing the contractor with more than 10 reports through the construction process,
·Attending technical meeting with the designers,
·Solving construction problems, and
·Providing the contractor with method of statement for strengthening, repairing and linking between concrete and steel elements.



ADMINISTRATION PROJECTS:

QATAR NATIONAL BANK (QNB)

Location: New Administration Capital
Client: SIAC Construction (consultant of the contractor)
Contract Start Date: 2021
Project description: 2 basements + Ground + 6 floors + Roof
Approximate Built-up area: 3528 m2
Estimated project cost: 272M EGP



EHST SCOPE OF WORK:

· Checking of safety for the as-built construction of Qatar National Bank,
· Checking of safety for Electromechanical openings in the structural elements,
· Providing the contractor with more than 10 reports through the construction process,
· Attending technical meeting with the designers,
· Solving construction problems, and
· Providing the contractor with method of statement for strengthening, repairing and linking between concrete and steel elements.



ADMINISTRATION PROJECTS:

NATIONAL BANK OF KUWAIT (NBK):

Location: New Administration Capital
Client: Gamma – Alghanim international JV Construction (consultant of the contractor)
Contract Start Date: 2022
Project description: 2 basements + Ground + 6 floors + Roof
Approximate Built-up area: 65349 m2
Estimated project cost: 272M EGP



EHST SCOPE OF WORK:

· Checking of safety for Electromechanical openings in the structural elements,
· Providing the contractor with more than 10 reports through the construction process,
·Attending technical meeting with the designers,
· Solving construction problems, and
· Providing the contractor with method of statement for strengthening, repairing and linking between concrete and steel elements.



ADMINISTRATION PROJECTS:

CENTRAL BANK OF EGYPT (CBE):

Location: New Administration Capital
Client: Gamma – Alghanim international JV Construction (consultant of the contractor)
Contract Start Date: 2022
Project description: 2 basements + Ground + 6 floors + Roof
Approximate Built-up area: 65349 m2
Estimated projectcost:272MEGP



EHST SCOPE OF WORK:

· Checking of safety for Electromechanical openings in the structural elements,
· Providing the contractor with more than 10 reports through the construction process,
· Attending technical meeting with the designers,
· Solving construction problems, and
Providing the contractor with method of statement for strengthening, repairing and linking between concrete and steel elements



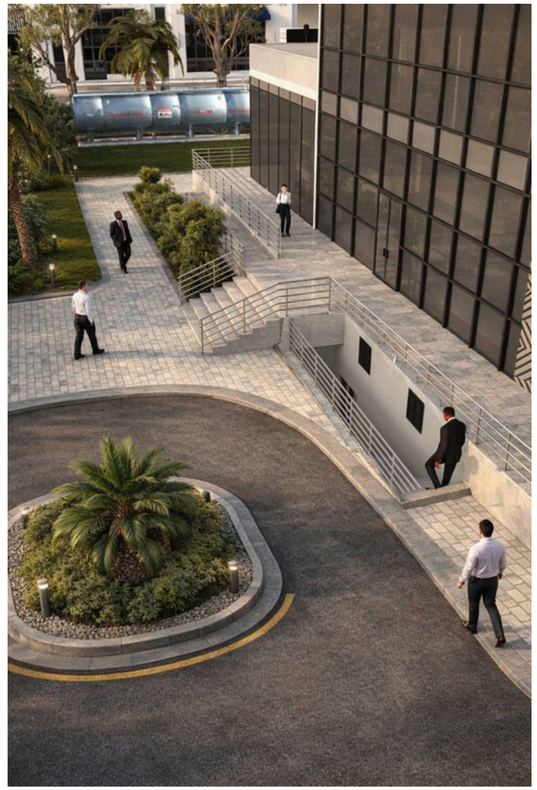
ADMINISTRATION PROJECTS:

EAST PORT SAID

Location: East Port Said - Port Said governorate
Client :EDEN_HASSAN ALLAM SISTER COMPANY
Owner : ABU DHABI PORT
Contract Start Date 2024

EHST SCOPE OF WORK:

- Dewatering
- Geotechnical Works
- Structural design







EDUCATIONAL PROJECTS:

UNIVERSITIES OF CANADA(UCE):

Location: New AdministrationCapital
Client: Canwell Canada
Contract Start Date: 2017
Project description: EHST participated in 2 phases in Universities of Canada:
· Phase 1 consist of 2 educational buildings (Ground + 6 floors + roof), Main Gate, Food Court, Stadium and Landscape.
· Phase 2 consist of 1 educational building (Ground + 6 floors + roof), 2 theaters and landscape.
Approximate Built-up area: Phase 1 is 25000 m2
Phase 2 is 12000 m2
Estimated project cost: 500M EGP in two phases



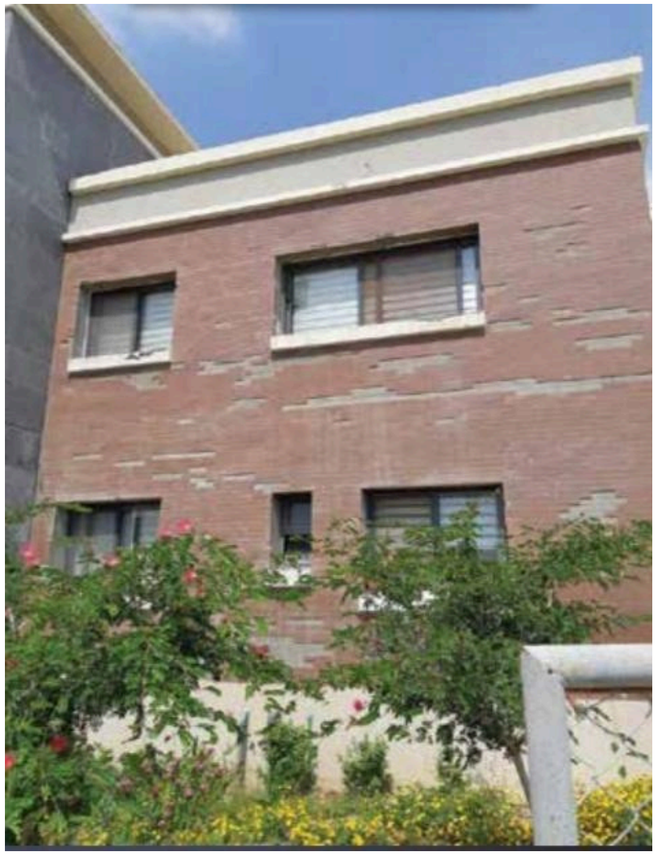
EHST SCOPE OF WORK:

- Performing value engineering for structural design for decreasing the value by 30% from construction budget,
- MEP supervising,
- Architectural supervising,
- Structural supervising,
- Revising Shop Drawings submitted by the contractor.
- Writing technical reports to the owner for every problem faced in the site,
- Attending technical / managerial meeting with the client, and Revising as-built drawings,

EDUCATIONAL PROJECTS:

EL ALSSON INTERNATIONAL SCHOOL PROJECT:

Location: New Giza
Client: Rowad construction
Contract Start Date: 2018
Contract End Date: 2019
Project description: There is an Architecture problem as the Sornaga tiles at the façade of the buildings falls down during the delivery of the project.



EHST SCOPE OF WORK:

· Testing the old tiles and determine the problem,
· Presenting the method of statement for the material and how to install it on the façade, and
· Guaranteeing the new technique and the material for one year after the installation.



EDUCATIONAL PROJECTS:

CANADIAN INTERNATIONAL COLLAGE(CIC):

Location: New Cairo
Client: Canadian international collage
Contract Start Date: 2025
Project description: Educational building consists of: Ground + three typical floors
Approximate Built-up area: 1500 m2
Estimated project cost: 150M EGP



EHST SCOPE OF WORK:

Structural design,
Electromechanical design,
MEP supervising,
Architectural supervising,
Structural supervising,
Revising as-built drawings,
Writing technical reports to the owner for every problem faced in the site,
Attending technical / managerial meeting with the client, and
Revising the BOQs submitted by the contractor.



COMMERCIAL PROJECTS

POLARIS MALL

Location: New Cairo
Client: KVRD
Contract Start Date: 2018
Project description: Basement +Ground + 5 floors + Roof
Approximate Built-up area: 6650m2



EHST SCOPE OF WORK:

- Analysis the mall under vertical loads,
- Design different structural members,
- Detail for all structural drawings,
- BOQ and prepare tender documents, and site supervision.
- site supervision for facade package.
- Site supervision for layout.
- Site supervision for interior.
- Detail for all structural drawings.
- BOQ and prepare tender documents.
- Design electric works,
- Design HVAC,
- Design water and plumbing,
- Site supervision for electric works,
- Site supervision for HVAC,
- Site supervision for fire fighting,
- Site supervision for water and plumbing,
- Detail for all structural drawings,
- BOQ and prepare tender documents.

COMMERCIAL PROJECTS

SIDEWALK MALL:

Location: New Cairo
Client: KVRD
Contract Start Date: 2021
Project description: commercial building consists of: basement + ground + first + second + roof
Approximate Built-up area: 6000 m2



EHST SCOPE OF WORK:

Designing architecture Mall Entrance
Checking of safety for the as-built construction of SIDEWALK MALL,
Checking of safety for Electromechanical openings in the structural elements,
Solving construction problems, and
Providing the contractor with method of statement for strengthening, repairing and linking between concrete and steel elements.



COMMERCIAL PROJECTS

PLOT 7 MALL

Location: New Cairo
Client: ATTAL Holding
Contract Start Date: 2023
Project description: commercial building consists of: 2 basement + Ground + upper ground + first + second + roof
Approximate Built-up area: 8400 m2

EHST SCOPE OF WORK:

- Designing foundation and retaining walls
- Designing concrete super-structure elements under vertical and lateral loads
- Providing method statement for construction
- Providing BOQ



COMMERCIAL PROJECTS

A9 MALL

Location: New Cairo Client: Minds
Contract Start Date: 2025 Project description: commercial building consists of: basement + Ground + upper ground + first + second + roof
Approximate Built-up area: 1000 m2



EHST SCOPE OF WORK:

- Designing foundation and retaining walls
- Designing concrete super-structure elements under vertical and lateral loads
- Providing method statement for construction
- Providing BOQ



COMMERCIAL PROJECTS

DEVELOPMENT EMTERTAINMENT AREA IN JAZAN- KSA

Location: Jazan, Saudi Arabia.
Owner :Jazan Municipality
Contract Start Date: 2026
Project description:Spans over 60,000 square meters of land area with a built-up area exceeding 73,000 square meters.

EHST SCOPE OF WORK:

- Structural design
- MEP design
- landscape
- Dewatering
- Geotechnical
- Hydrology
- Marine design



HEALTH CARE PROJECTS

AHL MASR HOSPITAL

Location: New Cairo
Client: SIAC construction
Contract Start Date: 2019
Contract End Date: 2019
Project description: Hospital consist of: 2 basement + Ground + 5 floors + roof
Approximate Built-up area: 45245 m2

EHST SCOPE OF WORK:

· Checking of safety for the as-built construction of Ahl Masr Hospital,
· Checking of safety for Electromechanical openings in the structural elements,
· Providing the contractor with more than 10 reports through the construction process,
· Attending technical meeting with the designers , and
· Solving construction problems.





HEALTH CARE PROJECTS

AS-SALAM INTERNATIONAL HOSPITAL

Location: Maadi – Cairo governorate
Client: Orascom construction
Contract Start Date: 2015
Contract End Date: 2018
Project description: Hospital consist of: basement + Ground + 9 floors + roof
Approximate Built-up area: 22500 m2
Estimated project cost: 300M EGP



EHST SCOPE OF WORK:

· Reanalyzing an exist hospital as per international codes,
· Designing for the steel structure at the façade that support cladding,
· Performing value engineering for structural design to decrease the value by 30% from construction budget, and structural supervising for columns repairing

HEALTH CARE PROJECTS

MERSAL ICU HOSPITAL

Location: Boulaq – Giza governorate
Client: Mersal Foundation
Contract Start Date: 2021
Project description: Hospital consist of: basement + Ground + 8 floors + roof
Approximate Built-up area: 6090 m2

EHST SCOPE OF WORK:

·Architectural designing,
·MEP designing,
·Finishing the governmental documents,
·Architectural supervising,
·MEP supervising,
·Attending technical meeting with the client, and
·Preparing tender document and contractor selection.

HEALTH CARE PROJECTS

DAR EL NOZHA SPECIALIZED HOSPITAL:

Location: Samir Mokhtar St – Gulf Area – Nasr City – Cairo Governorate
client: True Medical Development Company (Developer Consultant)
Construction Start Date: 2025
Project Description: Specialized Hospital Building consisted of Basement + Ground + 6 Typical Floors + Roof.
Estimated Project Area: 600 Sq M.
Estimated Project Cost: 250M EGP



EHST SCOPE OF WORK:

- -Architecture and Structure Design.
- -Design Electric, Mechanic, Light Current, and Medical Network Systems.
- -Medical Plan Design.
- -Architecture and Structure Supervising.
- -MEP Supervising.
- -Medical Engineering Supervision.
- -Revising Shop drawing submitted by contractor
- -Prepare Fire Life Safety (FLS) Report and submit it to Egyptian Civil Defense Authority.
- -Apply for Civil Defense Operation License.
- -Prepare Medical Provider Strategy Plan (MPSP) and submit it to Egyptian Ministry of Health and Population
- Apply for Egyptian Ministry of Health and Population Operation License

RESIDENTIAL PROJECTS:

TAWILA:

Location: Gouna – Red Sea governorate
Client: Orascom Developments
Contract Start Date: 2018
Contract End Date: 2018
Project description: 4 types of villas consist of:
Ground + 2 floors + Roof
Approximate Built-up area: 863 m2 for each type



EHST SCOPE OF WORK:

Performing value engineering for the four types of villas decreasing the value by 15% from construction budget,
Coordinating between structural and architectural drawings, and Checking of safety for the as-built construction of the four types of villas



RESIDENTIAL PROJECTS:

SOMABAY:

Location: Somabay – Red Sea governorate
Client: Constructive/ Somabay
Contract Start Date: 2019
Contract End Date: 2019
Project description: EHST participated in 3 phases in Somabay:
· Wadi Jebal Phase,
· Soma Breeze Phase, and
· Bay Central



EHST SCOPE OF WORK:

· Performing value engineering for structural design for Soma Breeze phase decreasing the value by 20% from construction budget,
· MEP supervising for the 3 phases,
· Architectural supervising for the 3 phases,
· Structural supervising for Soma Breeze phase,
· Participating in villas/apartments delivery for the client, and
· Attending technical / managerial meeting with the client.



RESIDENTIAL PROJECTS:

PARK LANE:

Location: New Administration Capital
Client: Attal Holding
Contract Start Date: 2019
Project description: Residential buildings consist of: basement + Ground + 6 floors
Mixed-use Buildings consist of: basement + Ground + 4 floors



EHST SCOPE OF WORK:

· Structural designing for the residential buildings,
· Structural designing for the Mixed-use buildings,
· Preparing all governmental documents for the owner,
· Attending all technical meeting, and
Coordinating between structural and architectural drawings



RESIDENTIAL PROJECTS:

MAADI VALLEY

Location: Zahraa El Maadi – Cairo governorate
Client: Corpec / Maadi development
Contract Start Date: 2021
Project description: Residential buildings consist of: Basement + ground + 7 floors + Roof



EHST SCOPE OF WORK:

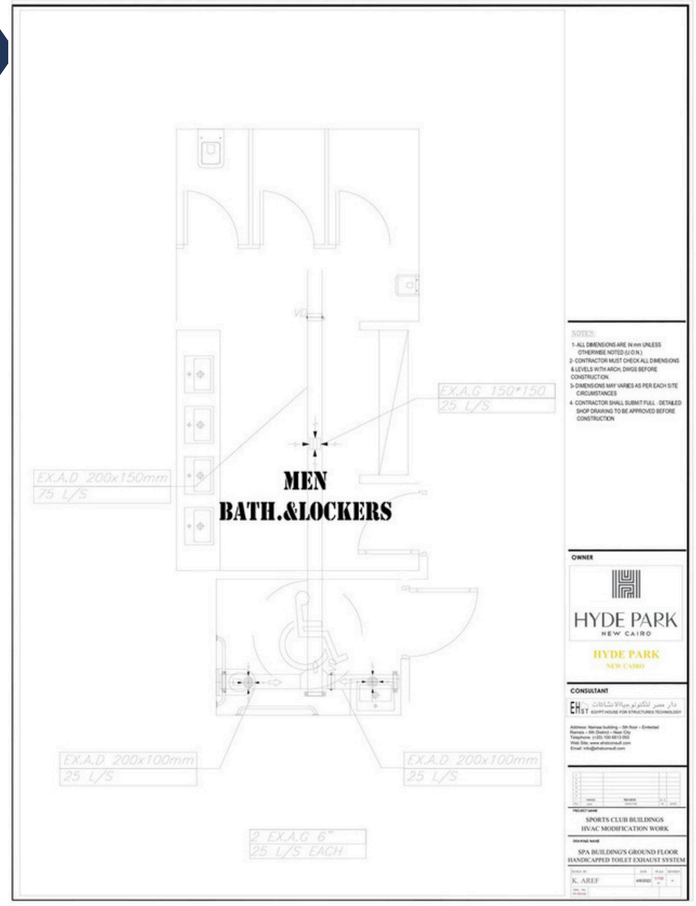
· Structural designing for the residential buildings,
·Preparing all governmental documents for the owner,
·Attending all technical meeting, and
·Coordinating between structural and architectural drawings,

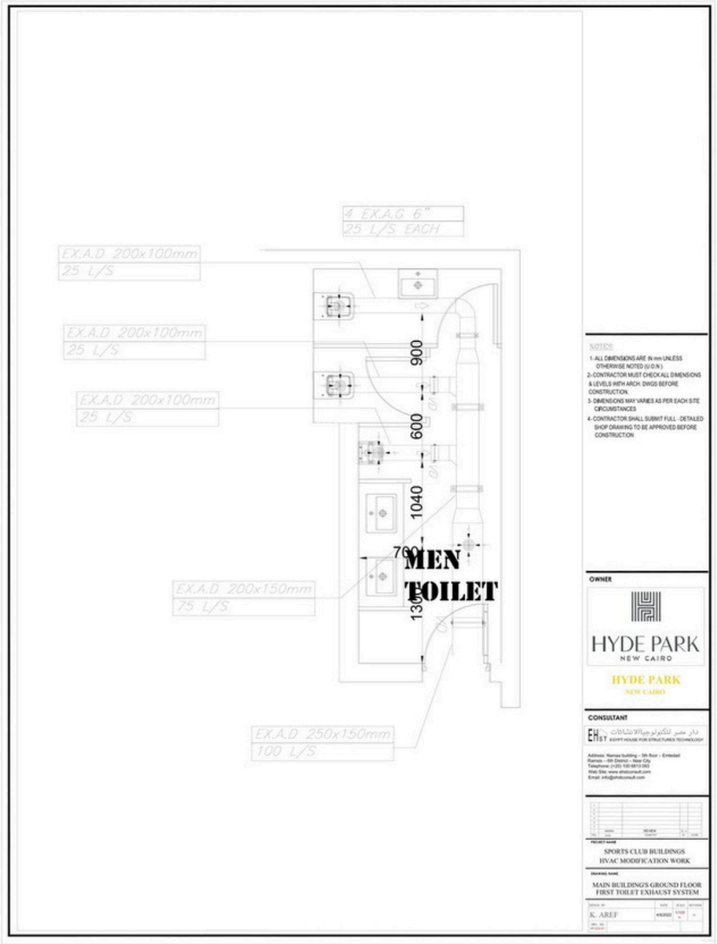


RESIDENTIAL PROJECTS:

HYDE PARK SPORT CLUB BUILDING MEP REHABILITATION

Location: Hyde Park Compound – New Cairo – Cairo Co.
Clint: Hyde Park Facility Management Department (Owner Consultant)
Construction Start Date: 2022
Project Description: Hyde Park Sports Club Mixed Use Building.
Estimated Project Area: 1000 Sq M.
Estimated Project Cost: 500K EGP





EHST SCOPE OF WORK:

- - Prepare As Built Drawing for existing HVAC and Plumping System.
- - Design HVAC and Plumping System.
- - MEP Supervising
- - Revising Shop drawing submitted by contractor

RESIDENTIAL PROJECTS:

GOLDEN PARK:

Location: AlSalam– Cairogovernorate
Client: Maadi construction
Contract Start Date: 2022
Project description: Residential buildings consist of: Basement + ground + 6 floors + Roof
Residential buildings consist of: 2 Basement + ground + 11 floors +Roof



EHST SCOPE OF WORK:

· Structural designing for the residential buildings,
· Architectural designing for the residential buildings,
· MEP designing for the residential buildings,
· Preparing all governmental documents for the owner,
· Attending all technical meeting, and
· Coordinating between structural and architectural drawings,
· Site supervision

RESIDENTIAL PROJECTS:

VENECIA RESORT:

Location: Karoun Lake – Fayoum Governorate
Clint: Gaber Bin Saied El Harby Group (Main Consultant)
Construction Start Date: 2023
Project Description: Touristic Resort contain 10 Private Bungalow with Private Pool, Diner, and other touristic facilities
Estimated Project Area: 20.000 Sq M.



EHST SCOPE OF WORK:

- -Design Electric, Mechanic, Light Current, and Infra Structure System.
- -MEP Supervising
- -Revising Shop drawing submitted by contractor
- -Prepare Fire Life Safety (FLS) Report and submit it to Egyptian Civil Defense Authority.
- -Prepare Environmental Study for the Resort.
- -Apply for Civil Defense Operation License.



RESIDENTIAL PROJECTS:

LURETTE HOTEL:

Location: Karoun Oasis – Fayoum Governorate
Clint: Gaber Bin Saied El Harby Group (Main Consultant)
Construction Start Date: 2023
Project Description: Touristic Hotel Building consisted of Basement + Ground + 5 Typical Floors.
Estimated Project Area: 1520 Sq M.
Estimated Project Cost: 65M EGP



EHST SCOPE OF WORK:

- - Design Electric, Mechanic, Light Current, and Infra Structure Systems.
- - MEP Supervising
- - Revising Shop drawing submitted by contractor
- - Prepare Fire Life Safety (FLS) Report and submit it to Egyptian Civil Defense Authority.
- - Apply for Civil Defense Operation License.



RESIDENTIAL PROJECTS:

FULL BRIGHT

Location: Giza governorate
Client: Fulbright Egypt
Contract Start Date: 2024
Contract End Date: 2025
Project description: Administrative building consists of: basement + ground + 3 floors + roof
Approximate Built-up area: 360 m2

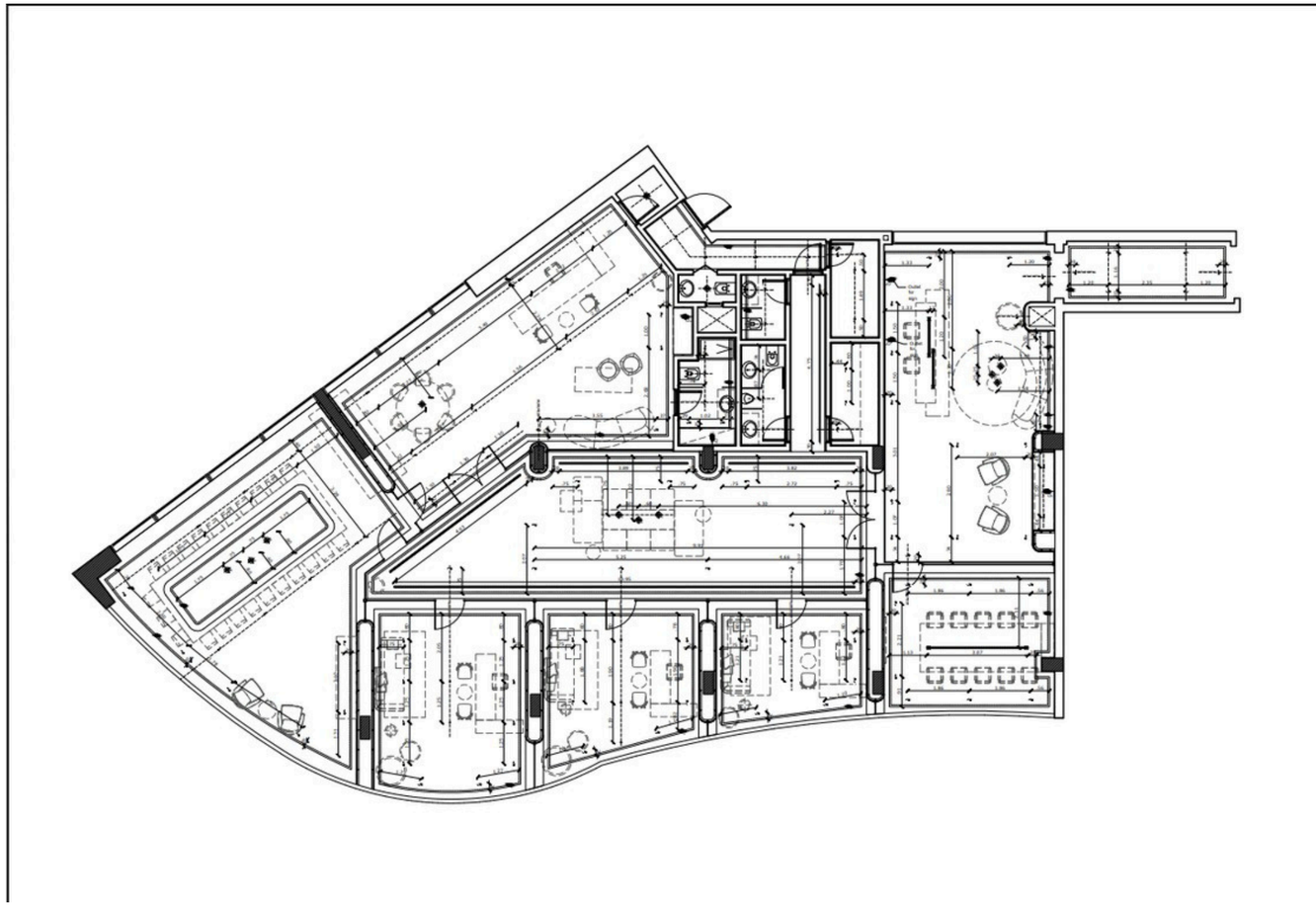
EHST SCOPE OF WORK:

- Evaluate the existing columns and perform non – destructive tests
- Study architectural requirements for example (wall removal from basement – openings – area changing … etc.)
- Evaluate the existing electrical wires, panels and fire alarm
- Evaluate the existing mechanical plumbing, water and firefighting systems.

RESIDENTIAL PROJECTS:

AL REBAT OFFICE:

Location: Al Rabat Properties – South 90 Road – New Cairo – Cairo Governorate.
Clint: El Radwa for Construction and Transportation (Contractor Consultant)
Construction Start Date: 2025
Project Description: Administration Office For El Rabat Properties.
Estimated Project Area: 300 Sq M.
Estimated Project Cost: 2M EGP



EHST SCOPE OF WORK:

- Location: Al Rabat Properties – South 90 Road – New Cairo – Cairo Governorate.
- Clint: El Radwa for Construction and Transportation (Contractor Consultant)
  Construction Start Date: 2025
- Project Description: Administration Office For El Rabat Properties.
- Estimated Project Area: 300 Sq M.
- Estimated Project Cost: 2M EGP

INDUSTRIAL PROJECTS:

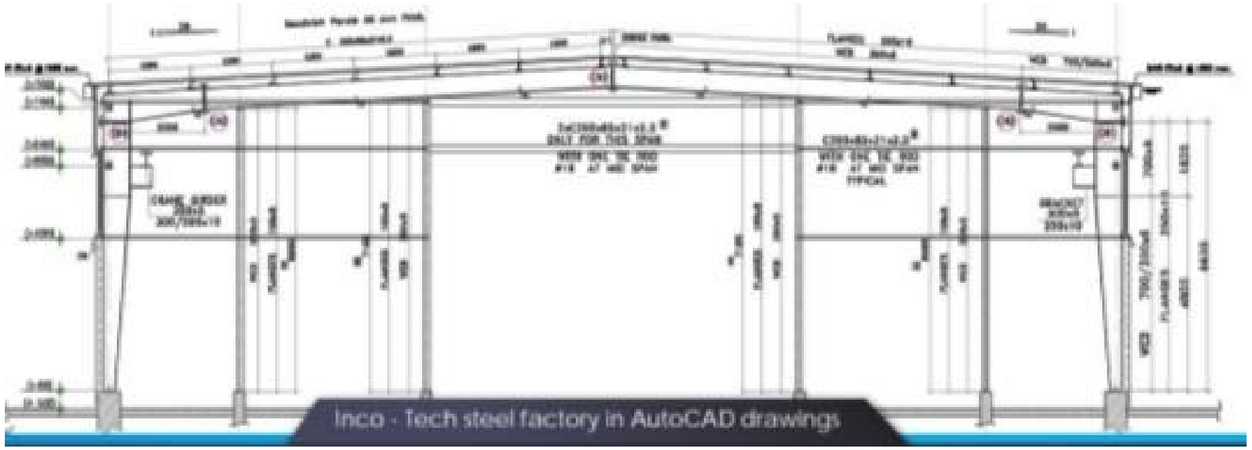
INCO-TECH FACTORY:

Location: 10th of Ramadan – Al Sharqia governorate
Client: Inco-Tech
Contract Start Date: 2018
Project description: Factory consists of Steel hanger
Approximate Built-up area: 20000 m2
Estimated cost: 30M EGP



EHST SCOPE OF WORK:

· Designing steel structure,
· Designing concrete administration building,
· Supervising structure works,
· Revising shop drawing submitted by the contractor,
· Revising the submittal from the contractor to client, and
· Attending technical meeting with the client.



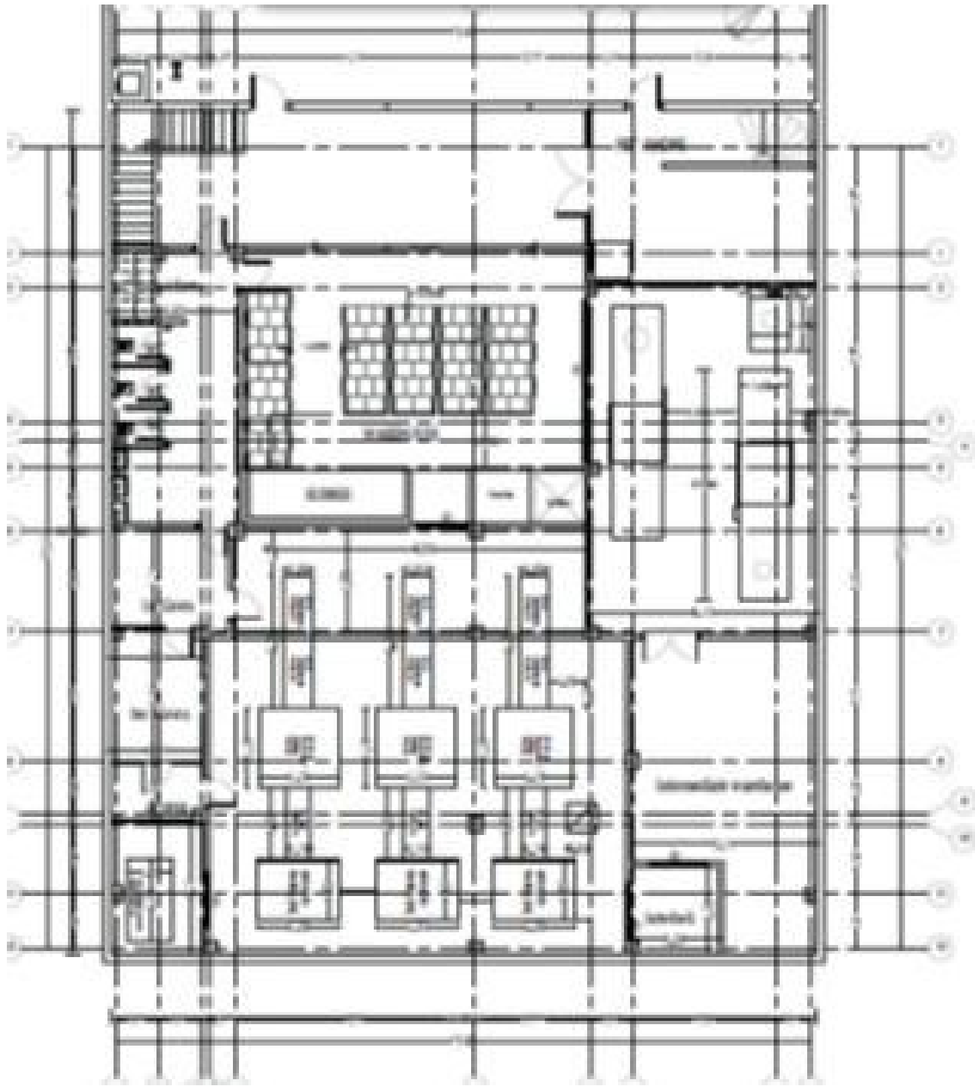
INDUSTRIAL PROJECTS:

THEQA FACTORY

Location:Al Sadat – Al Menoufia governorate
Client: Theqa
Contract Start Date: 2020
Project description: Factory consists of Steel hanger with mezzanine
Approximate Built-up area: 5000 m2
Estimated cost: 5M EGP

EHST SCOPE OF WORK:

· Designing steel structure,
· Supervising structure works,
· Revising shop drawing submitted by the contractor,
· Revising the submittal from the contractor to client, and
· Attending technical meeting with the client.



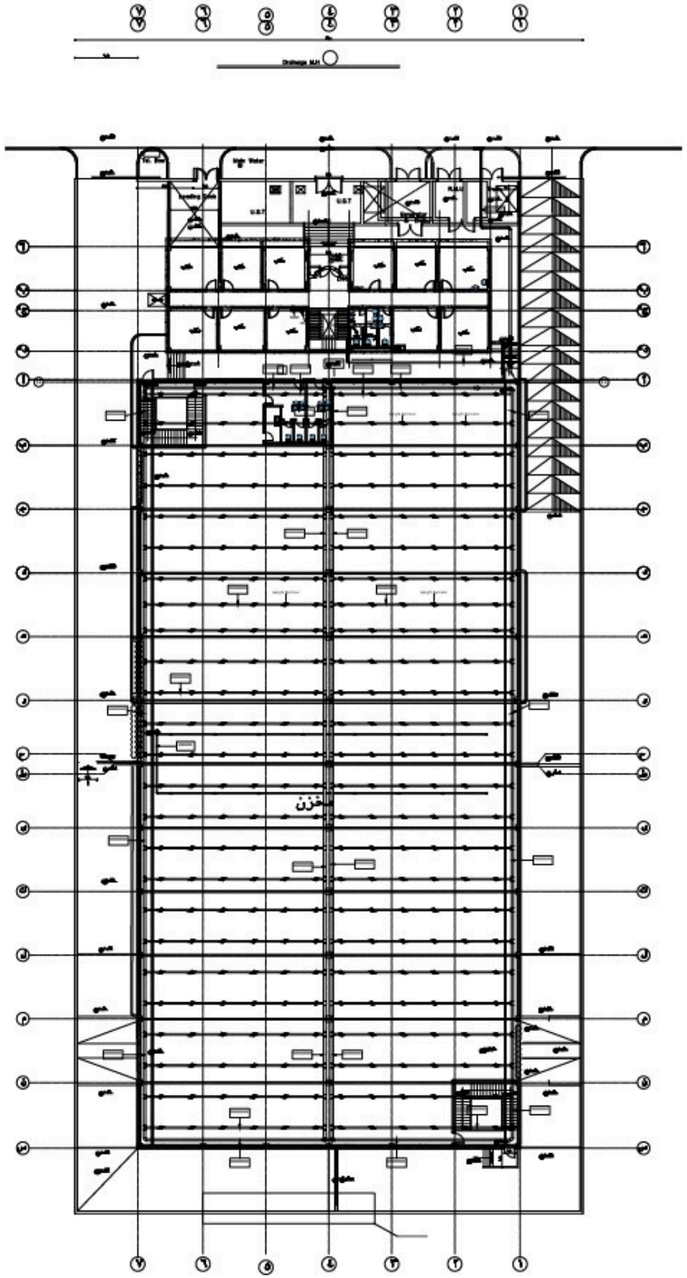
INDUSTRIAL PROJECTS:

KELINY WARE HOUSE:

Location: 1000 FactoryZone – Industrial Area – 3rd Settlment – New Cairo – Cairo Governorate
Clint: Alaa El Keliny Group (Owner Consultant)
Construction Start Date: 2022
Project Description: General Store Ware House consists of Basement + Ground + Administration Building
Estimated Project Area: 5000 Sq M.
Estimated Project Cost: 28M EGP

EHST SCOPE OF WORK:

-Architecture and Structure Design.
-Design Electric, Mechanic, Light Current, and Infrastructure Network Systems.
-Architecture and Structure Supervising.
-MEP Supervising.
-Revising Shop drawing submitted by contractor - Prepare Fire Life Safety (FLS) Report and submit it toEgyptian Civil Defense Authority.
-Apply for Civil Defense Operation License.



INDUSTRIAL PROJECTS:

DELIGHT FOODS FACTORY

Location: Plot 78 – Industrial Zone – New Fayoum City – Fayoum Governorate.
Clint: A 2 Z Food Industry Co. (Owner Consultant)
Construction Start Date: 2022
Project Description: Corn Based Snacks Food Factory, contain Steel Structure Hanger Consist of Ground Floor + 1st Floor, and Administration Building Consists of Ground + 1st Floor.
Estimated Project Area: 5113 Sq M.
Estimated Project Cost: 30M EGP



EHST SCOPE OF WORK:

Fire Fighting and Fire Alarm Systems Design.
MEP Supervising.
Revising Shop drawing submitted by contractor
Prepare Fire Life Safety (FLS) Report and submit it to Egyptian Civil Defense Authority.
Apply for Civil Defense Operation License.

INDUSTRIAL PROJECTS:

CHINT EGEMAC ELECTRIC PRODUCT FACTORY

Location: Plots E6-3, E7-6, E7-7 – Industrial Zone – 6th October City – Giza Governorate
Clint: CHINT EGEMAC Co. (Owner Consultant)
Construction Start Date: 2023
Project Description: Electrical Products Factories Plant, consist of 3 Steel Structure Buildings, and Administrations Building Consist of Ground Floor + 1st Floor + 2nd Floor.
Estimated Project Area: 30000 Sq M.
Estimated Project Cost: 200M EGP



EHST SCOPE OF WORK:

Value Engineering for Mechanical Systems Design.
Value Engineering for Electric Systems Design.
Value Engineering for Light Current Systems Design.
Prepare Bill of Quantity (BOQs) for modified designs.

INDUSTRIAL PROJECTS:

SMILE GROUP CLOTHES FACTORY:

Location: Area 85 – Northern Expansion Area – Polaris Industrial Complex – 6th of October – Giza Governorate
Clint: Zahran Salam & Partners (Owner Consultant)
Construction Start Date: 2025
Project Description: Garment Factory consists of Ground + Mezzanine + 2 Typical Floors. Estimated Project Area: 5000 Sq M.
Estimated Project Cost: 80M EGP



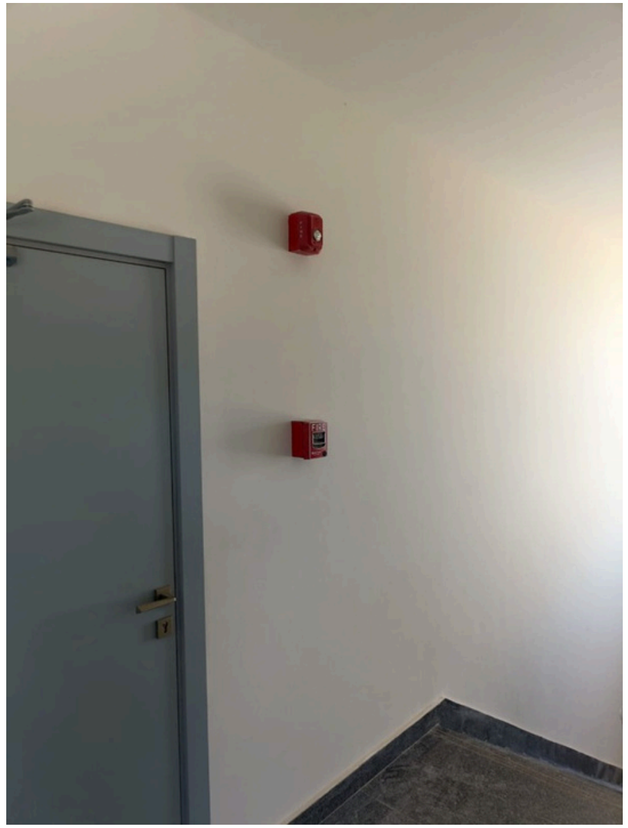
EHST SCOPE OF WORK:

-Fire Fighting and Fire Alarm Systems Design. -MEP Supervising.
-Revising Shop drawing submitted by contractor - Prepare Fire Life Safety (FLS) Report and submit itto Egyptian Civil Defense Authority.
-Apply for Civil Defense Operation License.

INDUSTRIAL PROJECTS:

EZZ FLAT STEEL – EFS MELT SHOP – SHIPPING BUILDING:

Location: EZZ Flat Steel Factory – Attaka – Suez Governorate. Clint: Creative Solutions Contracting Co. (Contractor Consultant)
Construction Start Date: 2026
Project Description: Administration Building for Shipping Department inside Ezz Flat Steel Factory, Consist of Ground Floor + 1st Floor.
Estimated Project Area: 450 Sq M.
Estimated Project Cost: 6M EGP





EHST SCOPE OF WORK:

MEP Supervising
Prepare Shop drawings for MEP System.
Hand Over the project to Ezz Flat Steel Factory HSE Department.
Prepare As-Built drawings for MEP System.

INDUSTRIAL PROJECTS:

LASER ONE FACTORY:

Location: Plot 10 – Block 20027 – Industrial Area – Obour City – Al-Qalyubia Governorate
Clint: Mohamed Hussein & Partners (Owner Consultant)
Construction Start Date: 2026
Project Description: Feminine Dresses Factory consists of Basement + Ground + 4 Typical Floors
Estimated Project Area: 1000 Sq M.
Estimated Project Cost: 50M EGP

EHST SCOPE OF WORK:

-Architecture and Structure Design.
-Design Electric, Mechanic, Light Current, and Infrastructure Network Systems.
-Apply for Construction Licensee.
-Architecture and Structure Supervising.
-MEP Supervising.
-Revising Shop drawing submitted by contractor - Prepare Fire Life Safety (FLS) Report and submit itto Egyptian Civil Defense Authority.
-Apply for Civil Defense Operation License. -Prepare Industrial Plan File and Submit it to Industrial Development Authority (IDA).
-Apply for Industrial Development Authority (IDA)Operation License.



INDUSTRIAL PROJECTS:

EGYPT CHAUN JIN NUO (CJN) CHEMICAL CO, FACTORY

Location: Area (1) – Block (F4) – Sweedy Industrial Complex – Suez Canal Economic Zone – Ain Sokhna – Suez Governorate
Clint: Sinoma CDI Egypt Engineering Co. LTD (Main Contractor Consultant)
Construction Start Date: 2026
Project Description: Chemical Industrial Complex producing phosphorous fertilizes and industrial substances with capacity of 1.600.000 Ton/ Year
Estimated Project Area: 905816 Sq M.
Estimated Project Cost: 2B USD



EHST SCOPE OF WORK:

- Architecture Design Check and evaluate according to Egyptian code for Egyptian Code for Building Protection Against Fire Hazard.
- Fire Fighting Design Check, evaluate, and modify according to Egyptian code for Egyptian Code for Building Protection Against Fire Hazard.
- Fire Alarm Design Check, evaluate, and modify according to Egyptian code for Egyptian Code for Building Protection Against Fire Hazard.
- HVAC Design Check, evaluate, and modify according to Egyptian code for Egyptian Code for Building Protection Against Fire Hazard.
- Prepare Bill of Quantity (BOQs) for modified designs.
- Industrial Plan Check and evaluate according to Egyptian codes.
- Prepare Fire Life Safety (FLS) Report and submit it to Egyptian Civil Defense Authority.

Apply for Civil Defense Construction Approval.

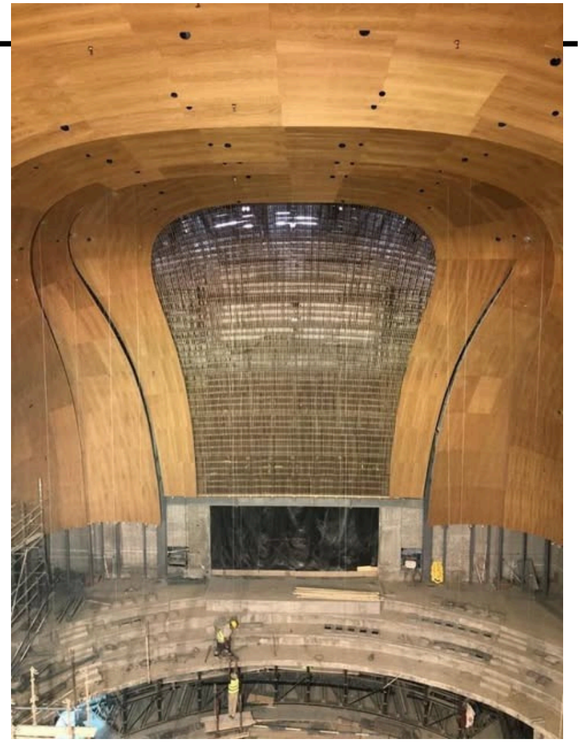
GOVERNMENTAL PROJECTS:

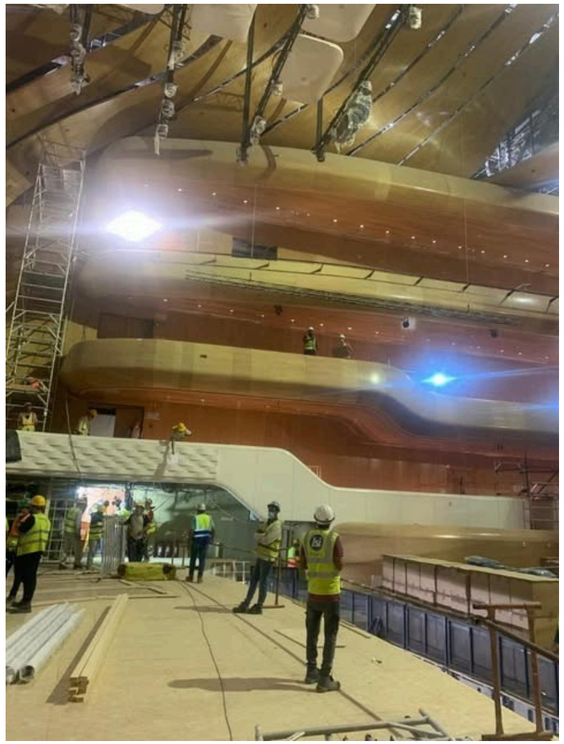
OPERA HOUSE:

Location: New Administration Capital
Client: Econ-Tech
Contract Start Date: 2019
Project description: Steel frames that support the wooden cladding
and dummy floors
Approximate Built-up area: 2500 m2
Estimated cost: 30M EGP

EHST SCOPE OF WORK:

· Designing steel structure,
· Supervising structure works,
· Providing with shop drawings to be submitted to the owner,
· Providing with material submittals and method of statement for the connecting between concrete and steel structure, and
· Attending technical meeting with the client.







GOVERNMENTAL PROJECTS:

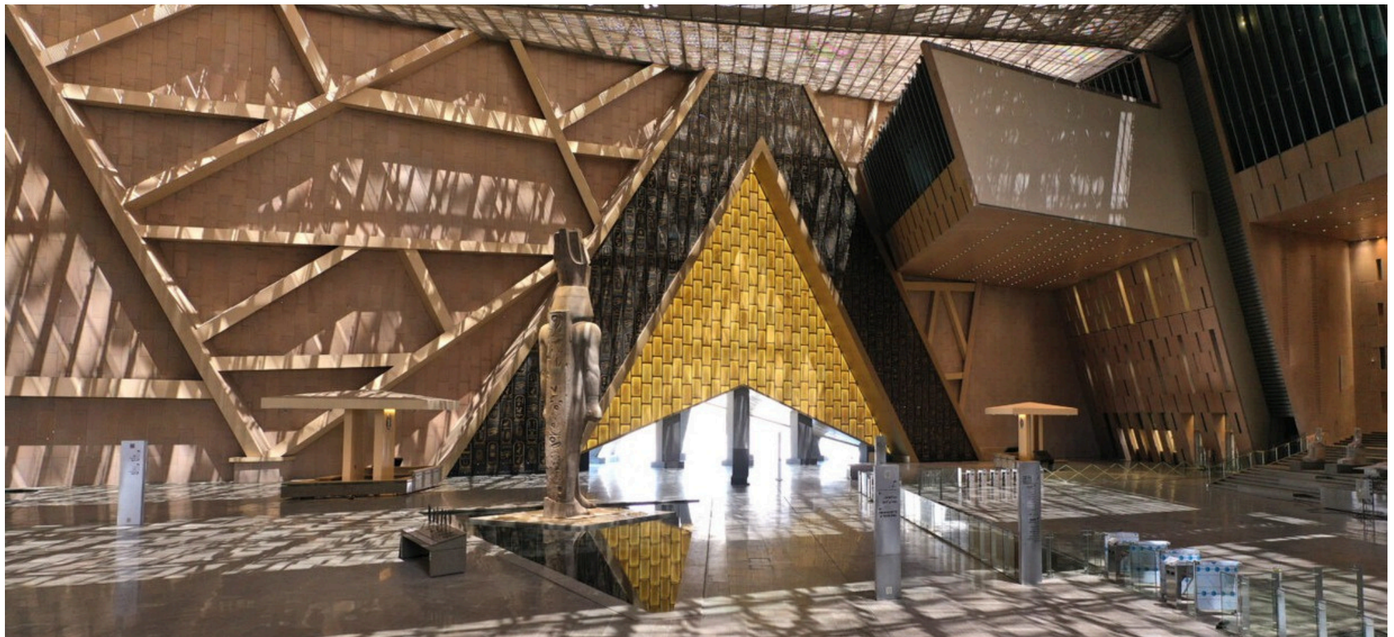
Grand Egyptian Museum(GEM)

Location: Giza governorate
Client: Besix – Orascom JV
Contract Start Date: 2019
Project description: Steel frames that support the roof steel mesh
Approximate Built-up area: 2500 m2
Estimated cost: 30M EGP



EHST SCOPE OF WORK:

· Designing steel structure,
· Providing with shop drawings to be submitted to the owner,
· Providing with method of statement for steel structure, and
· Attending technical meeting with the client.



GOVERNMENTAL PROJECTS:

HIGH SPEED RAIL - Al HAMMAM STATATION

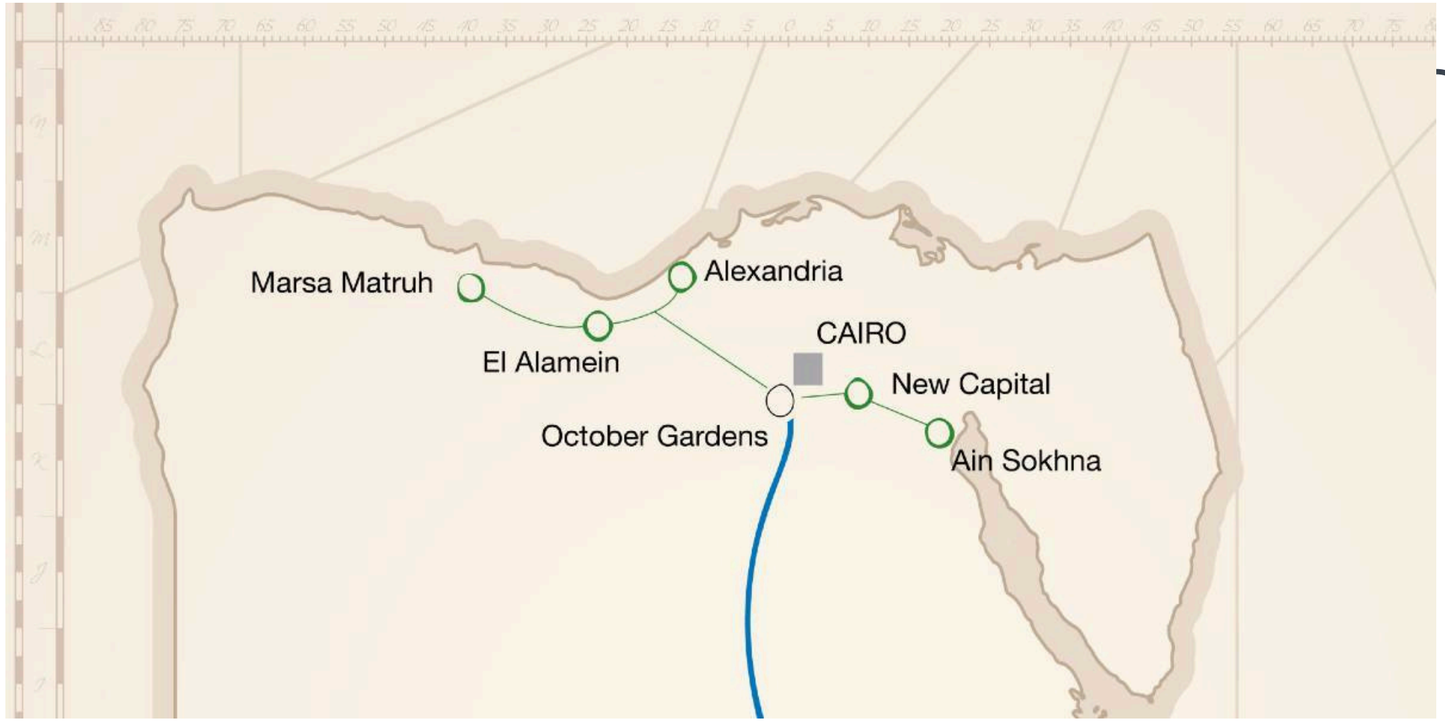
Location: Al Hammam - Matrouh governorate
Client: SAMCRETE
Contract Start Date: 2023
Project description: High Speed Rail Station including main station building, platforms, track bed structure, and service utilities.

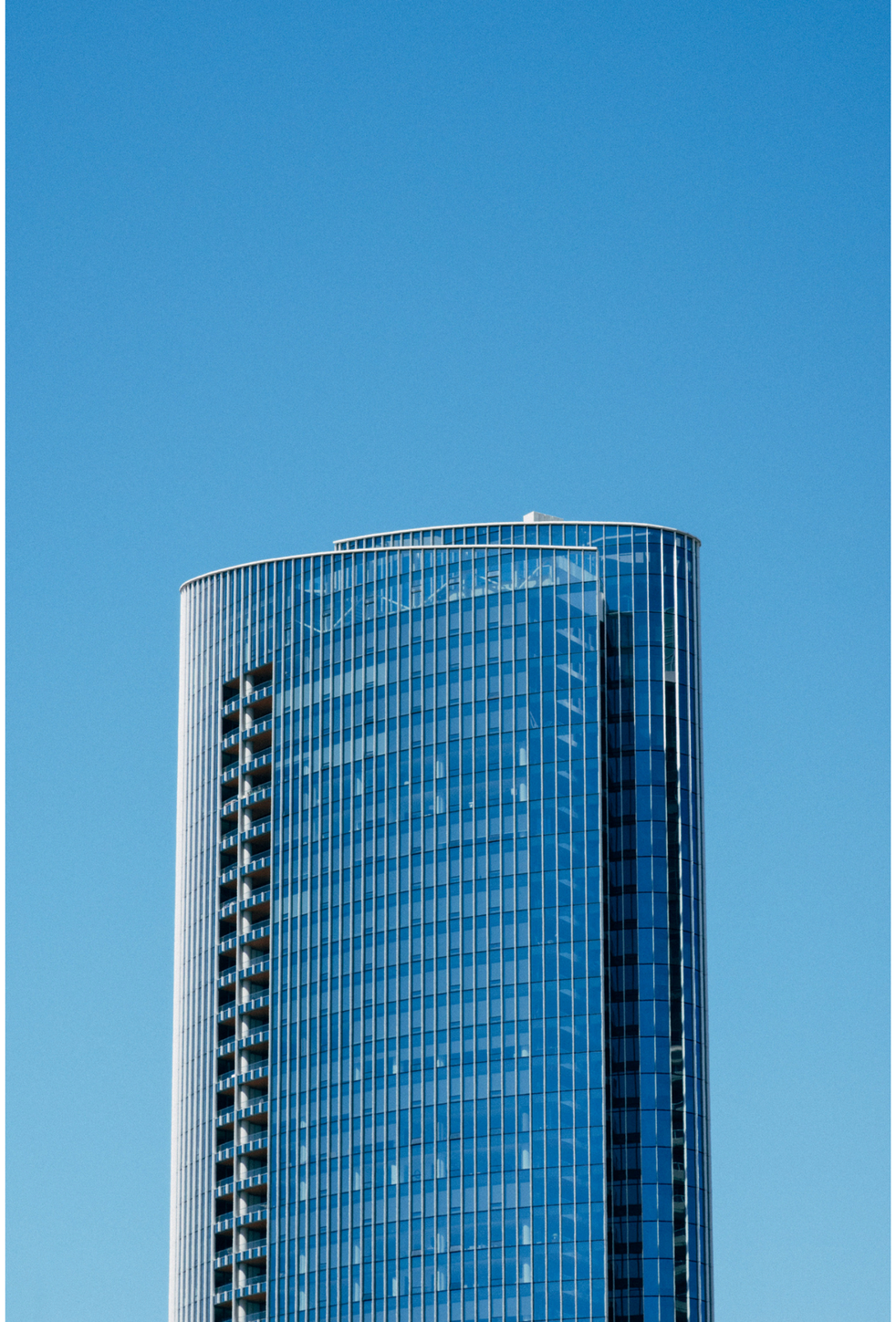




EHST SCOPE OF WORK:

- Dewatering
- Geotechnical Works
- Structure Design / Repair





Contact Us

https: //ehstconsult.com/

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