



www.egy-pt.org



 **MEMBER OF**
POST-TENSIONING
INSTITUTE®





About The Company



EGY-PT is a company specialized in construction technologies, founded to meet the rising need for high quality post tensioning services in the Egyptian market.

EGY-PT has partnered with the Italian company, Tensa; one of the international leading companies in this field.

Through this partnership, **EGY-PT** receives high-end products and quality control from Tensa, ensuring that all its services are provided with the utmost quality, in addition to the certifications and trainings which will be provided for **EGY-PT's** staff by Tensa.

EGY-PT was founded by:
Dr. Abd El Fattah El Didi as part of **El Didi Group**.

TENSA is a leading company in stay cables, post tensioning, anti seismic devices, structural bearing and expansion joints. Based in Milan, **TENSA** is active in over 50 countries worldwide.

TENSA Provides full support to the clients, from the initial stage of the design to each following step, such as production, testing and installation.

This method Allows **TENSA** to continuously release new and customized solutions.

TENSA's proactive research process follows the market's demands, always developing highly innovative systems.

The company takes an active part in the international technological debate as a member of FIB, the world's most authoritative organization in the field of constructions.

Testing and control are fundamental stages carried out in **TENSA's** laboratory, and can guarantee the quality - compliance of the whole production process to the international Standards requirements.



 **TENSA**
GRUPPO DE ECCHER

Mission

Evolving the Egyptian and the African market awareness by providing our customers with high quality and accessible special construction elements, using our experience, the know-how and state of the art technology, we will exceed the expectations of our clients through our talented and well trained employees.

Values

S

Satisfaction

We strive to achieve our customer satisfaction as it is our number one priority

Q

Quality

We take it as our responsibility to offer only the highest products and services to the market

U

Understanding

We pride ourselves to be able to understand our client, working together hand in hand

A

Accountability

We take full responsibility for our actions and disclose results in a transparent manner

D

Dedication

We are committed to dedicate our full and unconditioned power to meet our customer's needs

Services



Post tension is a technique of reinforcing the concrete by applying force opposite to the actual loads on the structure. This process has been increasingly used for the last 30 years due to its numerous benefits, which include: economical structural elements, higher productivity, and time efficiency; thus, leading to an overall cost reduction



Post Tension



Bridge Bearing & Expansion Joints

These two components are specifically important in the construction of bridges, where the bearings provide a resting surface between bridge piers and deck, and the expansion joints accommodate the movement due to shrinkage, temperature and vibrations



A procedure to assess the fact of condition of the structure, by defining a risk index based on the vulnerability of the work, which in turn depends on the vulnerability of each structural component



Construction Equipment for Bridges

They are systems that allow a considerable increase of span length for bridges, through being used to connect the pylons to the deck



Structural Monitoring Systems

This equipment provides solutions for bridges and viaducts implementation problems; thus, easing and increasing the productivity, and reducing time and cost



Cable Stayed Systems

Our Projects



New Alamein City Bridges

Owner: New Urban Communities Authority

Main Contractor: Motaheda for Contracting and Roads Pavement

Main Consultant: New Urban Communities Authority

Scope: Post Tension Bridges



Zomor Axis

Owner: New Urban Communities Authority

Main Contractor: Soadaa Group

Main Consultant: Moharam Bakhoum

Scope: Post Tension Bridges





Middle Ring Road Development

Owner: New Urban Communities Authority

Main Contractor: Petrojet

Main Consultant: Namaa for Engineering

Consultations

Scope: Post Tension Bridges



Bridge Above Rail at Mid Ring Road

Owner: Engineering Authority of

Egyptian Armed Forces

Main Contractor : Concrete for

Engineering and Contracting

Main Consultant : Moharam Bakhoum

Scope : Post Tension Bridges

Makram Ebeid & Mostafa El Nahas Intersection Bridge

Owner: Engineering Authority of Egyptian Armed Forces

Main Contractor: EGY-Drill Misr for Contracting and Drilling

Main Consultant: Moharam Bakhoum

Scope: Post Tension Bridges



Al Wafa We Al Aml Bridge

Owner: Engineering Authority of Egyptian Armed Forces

Main Contractor: EGY-Drill Misr for Contracting and Drilling

Main Consultant: Moharam Bakhoum

Scope: Post Tension Bridges





360 Layan Mall

Owner: Landmark Development

Main Contractor: LMS Construction

Main Consultant: Subbour Consulting

Scope: Post Tension Slabs



AL Tameer Axis Bridges

Owner: Engineering Authority of

Egyptian Armed Forces

Main Contractor: Gharably Integrated

Engineering Co. S.A.E.

Main Consultant: El Raeid Engineering

Consultants

Scope: Post Tension Bridges

Samalot Bridge

Owner: General Authority of Roads,
Bridges and Land Transportation

Main Contractor: Soadaa Group

Main Consultant: Nile Engineering
Consulting Bureau

Scope: Post Tension Bridges



Abo Qeer Axis

Owner: Engineering Authority of Egyptian
Armed Forces

Main Contractor: ECC(E.Mohamed Mariee)

Main Consultant: El-RAIED Engineering
Consultants

Scope: Post Tension Bridges





6th of October & Taha Hussein Intersection Bridge

Owner: Engineering Authority of Egyptian Armed Forces

Main Contractor: Al Saeid General Contracting & Real State Investment

Main Consultant: Saad International Consulting Engineers (Dr. Fathy Saad)

Scope : Post Tension Bridges



Al Methaq Bridge

Owner: Engineering Authority of Egyptian Armed Forces

Main Contractor: GAMA Construction

Main Consultant: El Raeid Engineering Consultants

Scope: Post Tension Bridges

Central Business District - C05&C06 office building towers

Owner: New Urban Communities Authority

Main Contractor: China State Construction Engineering Corporation

Main Consultant: Dar EL-Handasa

Scope: Post Tension Slabs



One Ninety Parcel A1

Owner: Landmark Development

Main Contractor: LMS Construction

Main Consultant: Subbour Consulting

Scope: Post Tension Slabs





Cairo Monorail - NCC Line & 6th of October

Owner: National Authority for Tunnels (NAT)

Main Contractor: ORASCOM-AC"JV

Main Consultant: INNOVA -
HILL International

Scope: Post Tension Bridges



Cairo Monorail

Owner: National Authority for Tunnels (NAT)

Main Contractor: ORASCOM-AC"JV

Main Consultant: INNOVA -
HILL International

Scope: Supply Expansion Joint

Gardinia Gate Bridge (1)

Owner: Engineering Authority of Egyptian
Armed Forces

Main Contractor: Al- Zaied for Integrated
General Contracting

Main Consultant: Moharam Bakhoum

Scope: Post Tension Bridges



Gardinia Gate Bridge (2)

Owner: Engineering Authority of Egyptian
Armed Forces

Main Contractor: AGR International

Scope: Post Tension Bridges

Main Consultant: International
Consulting Engineers (ICE).





Bridge No.3 West Nile

Owner: General Authority for Roads Bridges and Land Transport

Main Contractor: Al Motaheda Co. For Constructions and Paving Roads

Main Consultant: Moharam Bakhoum

Scope: Cast in situ post tension box girders

Success





POST-TENSIONING INSTITUTE

Certificate of Membership

This certifies that

Egy-P.T. Construction Technology

is a member through

December 31, 2020

Tony Johnson
Executive Director

Todd Stevens
President

CERTIFICATE

Management system as per
ISO 9001 : 2015
Quality Management Systems-Requirements

In accordance with TÜV HELLAS (TÜV NORD) S.A., procedures, it is hereby certified that

EGY - PT CONSTRUCTION TECHNOLOGY
Tower 17B, 4 Bavaria Town Compound, 1st Floor
Cairo
Egypt

applies a management system in line with the above standard for the following scope

Supply and Install Post Tension.

Certificate Registration No. 041 22 0132
Audit Report No. E-3641/2022



Valid from 2022-06-10
Valid until 2025-06-09
Initial certification 2022

TÜV HELLAS (TÜV NORD) S.A. Certification Body

Athens, 2022-06-10

This certification was conducted in accordance with the TÜV HELLAS (TÜV NORD) S.A. auditing and certification procedures and is subject to regular surveillance audits.





Modern structure & Equipment



Our Clients

Consultatants





EGY-P.T. CONSTRUCTION TECHNOLOGY

EGYPT BRANCH (HEAD OFFICE)

Bavaria Town Compound,
Tower#17 B.4 , First floor,
Ring Road , Cairo, Egypt.
Tel: +20227498374 / +20227498731
Fax: +20227498373
info@egy-pt.org

KSA BRANCH

6307 Ahmed Al Khatib Az Zahra
Dist. Unit No.02 Jeddah
Tel: +966549 175 073

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Part of  **EL DIDI GROUP**