



# CONCRETE STRUCTURES CONTRACTING CO. (CSCC)

**ACCREDITED BY:** 

## PHILADELPHIA POST-TENSIONING, LLC. (PPL)

POST-TENSIONING PROFESSIONALS

POST-TENSIONING SYSTEMS # SOIL IMPROVEMENT # GENERAL CONTRACTORS # SHORING SYSTEMS

SCAFFOLDING # GEOSYNTHATICS # PRECAST CONCRETE

**BEARING PADS # EXPANSION JOINTS # STRUCTURAL REPAIRS** 







## **COMPANY PROFILE & SYSTEMS**

**HEAD QUARTERS** 

AMMAN – JORDAN 107 ABDULHAMEED SHARAF ST., LEVEL 1 SHMESSANI, AMMAN <u>WWW.PPL-JORDAN.COM</u> U.S. OFFICE
GEORGIA – UNITED STATES OF AMERICA
4358 CHAMBLEE TUCKER RD, SUITE 3B
TUCKER, GA. 30084

WWW.PPL-AMERICA.COM

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#### Who We Are?

We are a group of three companies **Philadelphia Post-Tensioning**, **LLC. (PPL)**, **Concrete Structures Contracting Company (CSCC)**, and **Matrix Engineering Group**, **Inc.** Our group is a multi-disciplinary engineering organization, uniquely organized and staffed to furnish extensive range of technical talents required to produce the most economical solutions to complex planning skills, design and execution of construction projects.

We are well qualified to provide a complete range of technical and engineering services as well as the execution of the project in close cooperation with the client in order to satisfy his requirements

**Philadelphia Post-Tensioning, LLC. (PPL)**, registered in USA and Jordan, PPL provides technical solutions and innovative designs along with drawings that are needed for any task in any project. PPL forms the brain and the head structure of the group as it contains the management and directing board of the group.

**CSCC (Concrete Structures Contracting Company)**, registered in Jordan and member of the Jordan Construction Contractors Association, is our contracting partner who takes care of execution of works and designed ideas in the field, maintaining high quality of works and safe execution.

**Matrix Engineering Group, Inc.,** based in Atlanta, Georgia, USA, is our quality control partner, which is a premier consultancy that specializes in Geo technical Engineering, Geophysical Studies, Construction Materials Testing and Quality Control / Quality Assurance services.

Our group provides services to private owners, governmental and non-governmental agencies and institutions in both USA and the Middle East.

#### Philadelphia Post-Tensioning, LLC.



#### **Head Office**

107 Abdulhameed Sharaf St., Shmessani Amman, Jordan.

Phone: (962) 6 5699737 Fax: (962) 6 5605680

www.ppl-jordan.com

#### **USA Office**

4358 Chamblee, Tucker Rd, Atlanta Georgia, United States of America.

Phone: (1) 770-652-5235 Fax: (1) 770-448-5324

www.ppl-america.com

# Concrete Structures Contracting Company, LTD. Head Office

107 Abdul Hameed Sharaf St., Shmessani Amman, Jordan.

Phone: (962) 6 5699737 Fax: (962) 6 5605680

www.cscc-jordan.com



### Matrix Engineering Group, Inc.

#### **Head Office**

4358 Chamblee, Tucker Rd, suite 3 Atlanta, Georgia, United States of America.

Phone: +770-448-3124

www.matrixengineeringgroup.com



## **Establishing:**

**Philadelphia Post-Tensioning LLC. (PPL),** was established in 1999 in Jordan by **Eng. Omar Sheikh Alard**, targeting the local market and the surrounding region to introduce the post-tensioning technology for floors, bridges, post tensioned slabs on grade, and structural repairs.

In order to ascertain the smooth operation and services, PPL has signed an agreement for cooperation with **PBL Group** and became the official representative agent in Jordan and the Middle East.

Other cooperation made with different companies and material suppliers such as MK4 (MEKANO4 Innovative solutions), BEKAERT INTERNATIONAL, and TENSA GRUPPO DE ECCHER.

In 2016, PPL widen its circle of services and became world-wide when it started working in the U.S. market.

Since then, the group of the three companies is formed and started doing business at different places under the administration of PPL.

Our works concentrated on designing and execution of post-tensioning floors, bridges, and slabs on grade. We are also well-known in designing and execution of precast and prestressed concrete.

**Concrete Structure Contracting Ltd. Company (CSCC)** was established in 2009 in Jordan by Eng. Omar Sheikh Alard, targeting the Local market and the surrounding region to provide all kind of Contracting Services, Turn-Key Projects, Precast Concrete, MSE Walls, Post Tensioning Technology for floors, Bridges, Ground Slabs and Structural Repairs.

We are well qualified to provide a complete range of contracting engineering services in close cooperation with the design office and employer to achieve the best possible economical achievement of the project which will satisfy the requirements of the parties concerned.

The varied experience and specialized knowledge of Group's engineering staff enable them to solve many engineering problems and enable them to deliver works with the highest and finest quality.

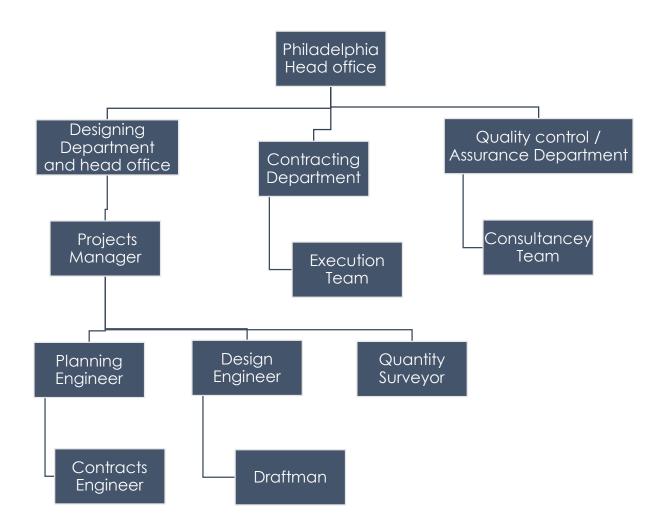
## Our Philosophy:

Make the utilization of technology to achieve optimization in time, cost, and quality.



"We are well qualified to provide a complete range of engineering services in close cooperation with the employer to achieve the best economical elements of the project, which will satisfy the requirements of the parties concerned."

## Organizational Structure:



## **Engineering Team:**

#### 1. Omar Sheikh Alard. (Founder & Executive Manager)

M.Sc. of Civil Engineering (The University of Toledo, USA 1983). B.Sc. of Civil Engineering (Georgia Tech. university, USA 1981).

#### 2. Omar Zaman. (Senior Bridge Engineer)

M.Sc. of Civil Engineering (Georgia Institute of Technology, USA 1984).

#### 3. Amin Tomeh (Senior Geotechnical Engineer and Quality Control Expert)

M.Sc. of Civil Engineering (Georgia Institute of Technology, USA 1985).

#### 4. Osama Al-Yateem. (Senior Geotechnical Engineer)

M.Sc. of Civil Engineering (Georgia Institute of Technology, USA 1985).

#### 5. Abd Alhaseeb Al-Najjar. (Projects Manager)

B.Sc. of Civil Engineering (Mutah University, Al-Karak, Jordan 2009).

#### 6. Bilal Ayesh. (Bridge Engineer)

B.Sc. of Civil Engineering (The Hashemite University, Al-Zarqa, Jordan 2014).

#### 7. Munther Al-Shboul. (Project Engineer)

B.Sc. of Civil Engineering (Jordan University of Science and Technology, Irbid, Jordan 2014).

#### 8. Mohammad Al-Saqqa. (Structural Engineer)

B.Sc. of Civil Engineering (The Hashemite University, Al-Zarqa, Jordan 2017).

#### 9. Zaid Hannoun. (Structural Engineer)

B.Sc. of Civil Engineering (University of Jordan, Amman, Jordan 2018).

#### 10. Ehab Megdadi. (Site Engineer)

B.Sc. of Civil Engineering (Al-Yarmouk University, Irbid, Jordan 2018).

#### 11. Mamoun Ataya. (Site Engineer)

B.Sc. of Civil Engineering (Al-Balga Applied University, Amman, Jordan 2018).

## **Our Affiliates:**



better together

BEKAERT INTERNATIONAL

Zwevegem – Belgium NV Bekaert SA

Bekaertstraat 2

BE-8550 Zwevegem

www.bekaert.com



TENSA GRUPPO DE ECCHER Milano - Italy www.tensacciai.it



Tension Technology Martin (TTM) Milano - Italy www.ttmsrl.it



SCHREIBER – VICODA Group Germany www.schreiber-bruecken-dehntechnik.de



PBL Group LTD.

Bangkok - Thailand

www.pbl-thailand.com

## **Summary of Primary Offering**

#### **Post-Tensioned Floors**

Design, supply and apply of all posttensioning works for the elevated floors.

#### **Post-Tensioned Bridges**

Design, supply and apply of all posttensioning works for the highway bridges.

#### Mechanically-Stabilized Earth Walls

Design, supply and apply of mechanically stabilized earth walls strips reinforcement, facing panels and its accessories for the abutments wing walls.

#### **Shoring Systems**

Design, supply and apply of temporary shoring systems and permanent shoring systems using active anchors and passive nails.

#### **Scaffoldings**

Manufacturing, design, supply and apply of scaffolding systems required for and kind of formworks. We are the first rank in Jordan for the manufacturing and renting of scaffolding systems.

#### **Bearing Pads**

Supply of all kinds of bearing pads for bridges; such as: pot bearings, spherical bearings & elastomeric bearings.

#### **Expansion Joints**

Supply of all kinds of expansion joints for bridges; such as: elastomeric joints, rubber joints & steel joints.

#### Soil Stabilization

Design, supply and apply of the stabilized slopes using geogrid reinforcement and geocells facings.

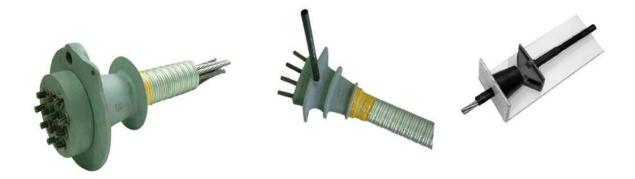
#### **Materials:**

## Post tensioning materials and equipment:

• PC Strands (0.5", 0.6" & 0.62" – Diameter):



• Bonded and unbonded post tensioning system:



## Post-Tensioning Equipment

• Mono Strand Stressing Jacks:



Multi Strands Stressing Jack



## Materials of Shoring System:

PC Strands (0.5", 0.6" & 0.62" – Diameter):



• Anchor Heads for Anchors:



# **Shoring Equipment**

• Multi Strands Stressing Jack (Stressing of Anchors).



## **Bearing Pads and Expansion Joints:**

Supply all kinds of Bearing pads such as, pot bearings, spherical bearings and elastomeric bearings made by specialized companies like ETIC

Supply all kinds of Expansion joints such as, steel joints, elastomeric joints, and rubber joints. Made by specialized companies like Shreiber, ETIC & TENSA.







#### Services:

## **Post-Tensioned Bridges:**

Philadelphia Post Tensioning (PPL) can provide a complete service starting from design, shop drawings, scaffolding and formwork, supply and installation of post-tensioning materials, installation of bearing pads (Elastomeric pads and Spherical pads), installation of expansion joints and provide a full supervision of the work until it is 100% completed.





#### **Post-Tensioned Floors:**

In both Jordan and the US markets, Philadelphia Post Tensioning (PPL) can provide a complete service starting from design, shop drawings, scaffolding and formwork, supply and installation of post-tensioning materials, for post tensioned elevated floors and slabs on grade and provide a full supervision of the work until it is 100% completed.





#### **Soil Stabilization System:**

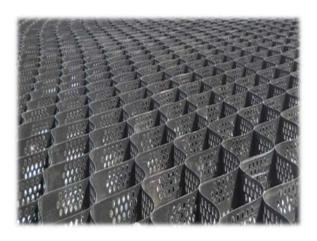
**Geocells** are often used to secure a layer of topsoil and promote the growth of vegetation on surfaces that would otherwise not sustain grass or plants (e.g. steep or "rocky" slopes).

Geocells are also used for reinforcement of roads with weak sub-base.

**Geogrids** can enhance soil structure and prevent soil erosion. This product is often used to prevent the road from reflective and fatigue cracking. Biaxial geogrid can effectively improve the long-term durability of subgrade and greatly reduces road maintenance costs.

PPL can provide design for slopes using both Geocells and Geogrids materials depending on site conditions.









## Mechanically-Stabilized Earth Walls:

Design, supply and apply of mechanically stabilized earth walls strips reinforcement, facing panels and its accessories for the abutments wing walls.

PPL can provide design for slopes using the suitable soil reinforcing geosynthetic materials depending on site conditions.





#### **Shoring Systems:**

Soil nail / anchored walls are constructed using a "top-down" construction sequence, where the ground is excavated in lifts of limited height. Soil nails / anchors and an initial shotcrete facing are installed at each excavation lift to provide support. Subsequently, a final shotcrete or cast-in-place concrete facing is installed.

#### Common Uses:

- Stabilize slopes and landslides.
- Support excavations.
- Repair existing retaining walls.

PPL can provide design for shoring systems using the both Soil nails and soil anchors depending on site conditions.



#### **Scaffolding System:**

Philadelphia Post Tensioning (PPL) is a main supplier of cup lock systems in Jordan. We provide scaffolding systems to support for floors, bridges and external works for buildings. Our systems are made of 48mm. diameter steel tubes with 3mm. thick walls. It is considered the safest system in the world. We also provide the necessary fittings for sway prevention like swivel and fixed couplers, bracing tubes. Boards and toe boards.

Our company provides the necessary drawings and structural calculations for any scaffold.

We are providing installation services as per the best safety codes.

Our company provide scaffolds on selling and rental basis.



# CSCC & PPL REFERENCE PROJECTS

Philadelphia Post-Tensioning, LLC. Concrete Structures Contracting Co.

Post-Tensioning Professionals

Post-Tensioning / Scaffolding / Shoring Systems

Soil Stabilization / Bearing Pads / Expansion Joints

## **PROJECTS SUMMARY:**

Туре	Project ID	Project Name	Location	Area (m²) / Quantity (Tonnes)	Status	Year
	1	Mechanically Stabilized Earth Walls @ Al- Hizam Bridge	Amman-Zarqa Highway		Under Construction	2021
	2	Construction of New Tanks Yard @ Jordan Phosphate Mined Co. @ Aqaba	Aqaba, Jordan		Under Construction	2020
vement	3	Al-Bahhath MSE Walls	Amman	1,500 m <sup>2</sup>	Under Construction	2020
Soil Improvement	4	ACWA Power Zarqa CCGT Project / MSE Slopes	Az-Zarqa	3,000 m <sup>2</sup>	Completed	2018
	5	Azraq – Jafer – Omari MSE Walls	Azraq – Jafer - Omari	3,600 m²	Completed	2017
	1	Lifting Bridge & Bearing Replacement of Wadi Al-Yutum Bridge	Aqaba	90 Bearings	New Awarded	2021
rojects	2	Lifting Bridge & Bearings Replacement for Al-Mahattah Connector Bridge	Amman	36 Bearings	Completed	2021
Special Projects	3	Jordan Phosphate Mines Company (JPMA) - Lifting & Repairing of Five (54%) Rubber Lined Concentrated Phosphoric Acid Tanks	Aqaba	5 Tanks	Under Construction	2020
	4	JIFCO Plant - Repair of Concentration Building – Line E	Ma'an		Completed	2020

	1	Al-Hizam Bridge	Marka	35 Tonnes	Under Construction	2020
	2	Al-Qadesyyah Bridge	Ma'an	20 Tonnes	Under Construction	2020
	3	Dead Sea Bridge (B2)	Daed Sea	12 Tonnes	Completed	2020
es	4	Palestinian Bridge	Ramadi, Iraq	150 Tonnes	Completed	2019
Bridges	5	Japanese Bridge	Ramadi, Iraq	150 Tonnes	Completed	2019
<u>P</u>	6	Zarqa-Azraq-Omari Bridges	Zarqa-Azraq-Omari	500 Tonnes	Completed	2018
	7	Al-Shu'lah Interchange Bridge	Az-Zarqa	120 Tonnes	Completed	2013
	8	Queen Alia International Airport Departures Bridge	Amman	450 Tonnes	Completed	2012
	1	Al-Hikma Headquarters	Amman	15 Tonnes	Under Construction	
	2	Rahma Governmental School	Irbid	1,100 m <sup>2</sup>	Under Construction	
	3	Al-Jorah Complex	Amman	20,000 m <sup>2</sup>	Under Construction	2020
	4	Abu Rkheyyah Plaza	Amman	13,000 m <sup>2</sup>	Completed	
	5	Bikers Village	Amman	5,000 m <sup>2</sup>	Completed	
	6	Al-Rafedain Factory	Marka	10,000 m <sup>2</sup>	Completed	
	7	Advanced Technology Tailoring Factory	Ajloun	5,000 m <sup>2</sup>	Completed	
	8	Amman Academy Theater	Amman	25 Tonnes	Completed	
	9	The Elephant Tusk Tailoring Factory	Jarash	5,000 m <sup>2</sup>	Completed	
	10	Al-Belbesy Factory	Amman	5,000 m <sup>2</sup>	Completed	
	11	Hebron Center B	Hebron, Palestine	12,000 m <sup>2</sup>	Completed	
Slabs	12	Taj Mall	Ramallah, Palestine	56,000 m <sup>2</sup>	Completed	
Sic	13	Al-Farid International Schools	Amman	13,000 m <sup>2</sup>	Completed	
	14	Jebril Halls	Az-Zarqa	4,000 m <sup>2</sup>	Completed	
	15	American Schools at Zarqa	Az-Zarqa	4,000 m <sup>2</sup>	Completed	2019 & 2018
	16	Abu Alanda Halls	Amman	3,000 m <sup>2</sup>	Completed	
	17	Abu Shunnar Comoplex	Amman	2,000 m <sup>2</sup>	Completed	
	18	ديوان آل قاقيش	Al-Salt	1,500 m <sup>2</sup>	Completed	
	19	Khaled Al-Dawood Complex	Amman	1,500 m <sup>2</sup>	Completed	
	20	Jordan Valley Factory	Al-Ghor	6,000 m <sup>2</sup>	Completed	
	21	Al-Hikma Schools	Amman	4,000 m <sup>2</sup>	Completed	
	22	Housing Bank	Dhlial	1,500 m <sup>2</sup>	Completed	
	23	Al-Muwaqqar Governmental Secondary Schools	Al-Muwaqqar	5,000 m <sup>2</sup>	Completed	

Туре	Project ID	Project Name	Location	Area (m²) / Quantity (Tonnes)	Status	Year
	24	Al-Hurryyah Mall	Amman	45,000 m <sup>2</sup>	Completed	
	25	Aqaba New Port	Aqaba	30,000 m <sup>2</sup>	Completed	7
	26	Al-Hassad Al-Tarbawi Schools	Amman	25,000 m <sup>2</sup>	Completed	7
	27	Al-Maharat International Schools	Amman	9,000 m <sup>2</sup>	Completed	7
	28	Manahel Schools	Az-Zarqa	5,000 m <sup>2</sup>	Completed	7
	29	Abdoun Apartments	Amman	4,500 m <sup>2</sup>	Completed	7
	30	Orthodox School Shmessani	Amman	4,000 m <sup>2</sup>	Completed	2017 9 2017
	31	Royal Flight Administration Building	Amman	2,000 m <sup>2</sup>	Completed	2017 & 2016
	32	Managers Apartments	Dhlail	2,000 m <sup>2</sup>	Completed	
	33	Qatabi Complex	Amman	1,500 m <sup>2</sup>	Completed	7
	34	Essam Awwad Complex	Amman	1,500 m <sup>2</sup>	Completed	
	35	Amer Hammad Complex	Amman	2,500 m <sup>2</sup>	Completed	
	36	Shara'an Offices Building	Amman	2,000 m <sup>2</sup>	Completed	
	37	Jawharet Amman Schools	Amman	1,500 m <sup>2</sup>	Completed	
	38	Irbid City Center	Irbid	80,000 m <sup>2</sup>	Completed	
	39	Al-Kora Factory	Irbid	12,500 m <sup>2</sup>	Completed	
	40	Az-Zarga Private University – Faculty of Economics	Az-Zarqa	10,000 m <sup>2</sup>	Completed	2015 & 2014
Slabs	41	Hyundai Maintenance Building	Amman	5,000 m <sup>2</sup>	Completed	
Sla	42	Hyundai Motors Showroom	Amman	10,000 m <sup>2</sup>	Completed	7 1
••	43	Metro Resturant Abdoun	Amman	3,500 m <sup>2</sup>	Completed	
	44	Crystal Hotel Abdali	Amman	18,000 m <sup>2</sup>	Completed	
	45	AJIB Bank	Amman	12,500 m <sup>2</sup>	Completed	
	46	Zahran Tower	Amman	10,000 m <sup>2</sup>	Completed	2013 & 2012
	47	Commercial Center	Amman	10,000 m <sup>2</sup>	Completed	& 2011 &
	48	Service Station	Amman	2,400 m <sup>2</sup>	Completed	2010
	49	Residential Building	Amman	1,500 m <sup>2</sup>	Completed	7
	50	Hilti Center	Amman	1,500 m <sup>2</sup>	Completed	7
	51	Gardinia Hotel	Humes, Syria	50,000 m <sup>2</sup>	Completed	
	52	The Eighth Gate	Damascus, Syria	13,000 m <sup>2</sup>	Completed	
	53	Arab Countries Co. Factory	Amman	13,000 m <sup>2</sup>	Completed	
ı	54	Jordan Armed Forces Headquarters	Mafraq	8,000 m <sup>2</sup>	Completed	0000 % 0000
ı	55	Montessori Schools	Amman	6,500 m <sup>2</sup>	Completed	2009 & 2008
	56	Sarmad Ne'mah Offices Complex	Amman	6,500 m <sup>2</sup>	Completed	<del></del>
	57	Baby Center	Amman	4,000 m <sup>2</sup>	Completed	
ı	58	Housing Bank	Amman	3,300 m <sup>2</sup>	Completed	7 !
	59	Promise Welfare Society	Amman	3,000 m <sup>2</sup>	Completed	]

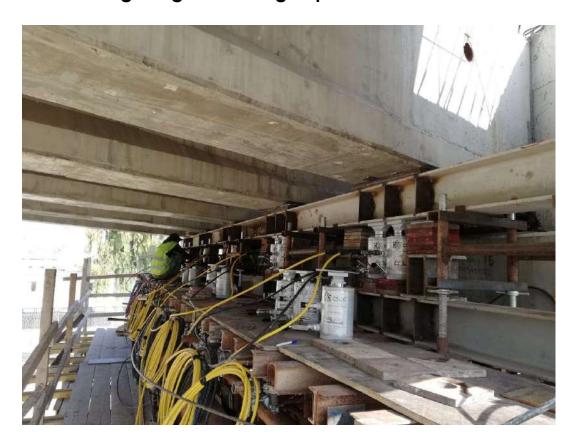
Туре	Project ID	Project Name	Location	Area (m²) / Quantity (Tonnes)	Status	Year
	1	Arab Islamic International Bank	Marka	1,000 m <sup>2</sup>	Completed	2020
	2	Abd Al-Rahman Jomaa Clinics	Amman	2,000 m <sup>2</sup>	Completed	2020
	3	Ritz Carlton Hotel – Phase II	Amman	1,000 m <sup>2</sup>	Completed	2019
מ	4	Amman Academy Theater	Amman	2,000 m <sup>2</sup>	Completed	2018
Shoring	5	ACWA Power Zarqa CCGT Project / Permanent Anchored Retaining Walls	Az-Zarqa	1,500 m <sup>2</sup>	Completed	2018
	6	Ritz Carlton Hotel – Phase I	Amman	7,000 m <sup>2</sup>	Completed	2017
	7	Al-Hikma Headquarters	Amman	2,000 m <sup>2</sup>	Completed	2017
	8	Al-Jubaiha Apartments	Amman	600 m <sup>2</sup>	Completed	2015
v	1	Al-Mahattah Connector Bridge	Amman	Bearing Pads	Completed	2021
Bearing Pads & Expansion Joints	2	Dead Sea Bridge (B2)	Ghor Al-Hadetha	Bearing Pads & Expansion Joints	Completed	2020
Bearing Pads expansion Joir	3	Maintenance of Amman Bridges / Expansion Joints	Amman	Expansion Joints	Completed	2019
Веа	4	Sweilieh Bridge / BRT Phase I	Amman	Bearing Pads & Expansion Joints	Completed	2016
	5	Zarqa-Azraq-Omari Bridges	Zarqa-Azraq-Omari Highway	Bearing Pads & Expansion Joints	Completed	2016

# **United States Slabs Projects**

Туре	Project ID	Project Name	Location	Area (ft²) / Quantity (Tons)	Status	Year
	1	Lofts at Jefferson Station	Jacksonville, FL, USA	44,250 ft <sup>2</sup>	Completed	2019
	2	Warner Robins Redevelopment Phase I	Warner Robins, GA, USA	33,850 ft <sup>2</sup>	Completed	2019
	3	525 Parkway Drive	Atlanta, GA, USA	18,020 ft <sup>2</sup>	Completed	2019
	4	Holiday Inn & Suites Hotel	Chamblee, GA, USA	56,300 ft <sup>2</sup>	Completed	2019
	5	542 Boulevard	Atlanta, GA, USA	40,000 ft <sup>2</sup>	Completed	2019
	6	Castleberry Park Mixed Use	Atlanta, GA, USA	100,000 ft <sup>2</sup>	Completed	2020
	7	Hollet Residence	Tucker, GA, USA	30,000 ft <sup>2</sup>	Completed	2020
	8	126 Renaissance Multi Family	Atlanta, GA, USA	20,000 ft <sup>2</sup>	Completed	2020
	9	Porter on Peachtree	Brookhaven, GA, USA	40,755 ft <sup>2</sup>	Completed	2020
Slabs	10	Andrew & Walter Young YMCA @ Promise	Atlanta, GA, USA	18,000 ft <sup>2</sup>	Completed	2021
Sic	11	555 Boulevard	Atlanta, GA, USA	83,300 ft <sup>2</sup>	Under Construction	2021
	12	Kensington Road Apartments	Decatur, GA, USA		Under Construction	2021
	13	The Finery T3 Office Building	Nashville, TN, USA		Under Construction	2021
	14	Mill Village Apartments	Columbus, GA, USA		Under Construction	2021
	15	Borough 33	Roswell, GA, USA		Under Construction	2021
	16	SW 13 <sup>TH</sup> Street	Gainesville, FL, USA		Under Construction	2021

## **Special Projects:**

Lifting Bridge & Bearing Replacement for Al-Mahattah Connector Bridge:







## Jordan Phosphate Mines Company – Repair of Five (54%) Rubber Lined Concentrated Phosphoric Acid Tanks:



Main Contractor	Concrete Structures Contracting Company (CSCC)
Project Location	Aqaba - Jordan
Project Type	Special Repair Projects
Repair Quantity	5 Tanks
Achieved Job	<ol> <li>Lifting and re-leveling the tilted phosphoric acid tanks using hydraulic jacks and lifting system consisting of steel sections.</li> <li>Stabilizing the tilted raft foundations of tanks using permanent ground active anchors.</li> <li>Reconstruction of concrete structures.</li> <li>Tiling of anti-acidic carbon bricks at the tanks yard area, and at the sump pits and drainage channels.</li> <li>Soil Cutting ang geomembranes works.</li> </ol>

# ❖ JIFCO Company Plant – Repair of Concentration Building Line E:

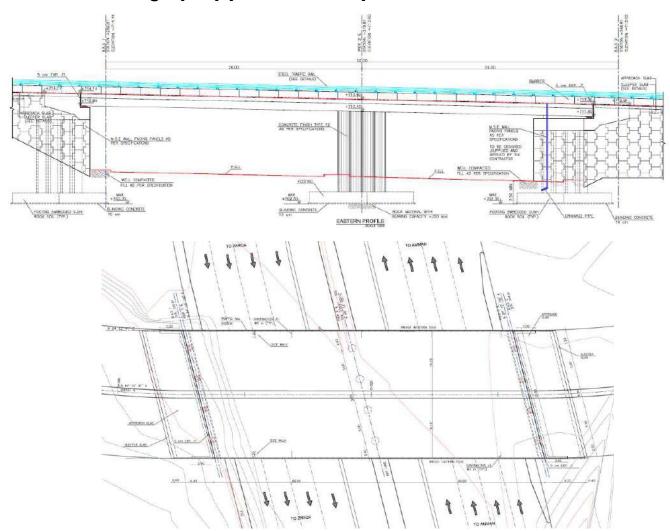




Main Contractor	Concrete Structures Contracting Company (CSCC)
Project Location	Ma'an - Jordan
Project Type	Special Repair Projects
Repair Quantity	
Achieved Job	Rehabilitation of the damaged concrete structure at JIFCO plant.

## **POST-TENSIONED BRIDGES:**

## Al-Hizam Bridge (BRT) (Under Process):



Main Contractor	Zakaria Saleh Al-Tarawneh Contracting Co.
Project Location	Marka - Amman
Bridge Type	Voided Slab Bridge
Strands Quantity & Specification	<b>35 Tonnes</b> – ASTM A416
PPL Anchorages	TTM Anchorages - Italy
Achieved Job	<ul> <li>6. Design check on the post-tensioning system.</li> <li>7. Detailed shop drawings for the post-tensioning system.</li> <li>8. Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ul>

# Al-Qadesyyah Bridge:



Main Contractor	United Enterprises Co.
Project Location	Al-Rashadyyah – Ma'an
Bridge Type	Flat Slab Bridge
Strands Quantity & Specification	<b>20 Tonnes</b> – BS 5896
PPL Anchorages	TENSA Anchorages - Italy
Achieved Job	<ol> <li>Design of the whole bridge system (including the PT system).</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Dead Sea Bridge (B2):



Main Contractor	National for Engineering & Contracting Company		
Project Location	Ghor Al-Haditha – Dead Sea		
Bridge Type	I-Girders Bridge		
Strands Quantity & Specification	<b>12 Tonnes</b> – BS 5896		
PPL Anchorages	TTM Anchorages - Italy		
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>		

# Palestinian Bridge & Japanese Bridge (Iraq):







Main Contractor	Polikon Contracting Company
Project Location	Al-Ramadi - Iraq
Bridge Type	I-Girders Bridge (130 Girders)
Strands Quantity & Specification	<b>300 Tonnes</b> – ASTM A416
PPL Anchorages	TENSA Anchorages - Italy
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Al-Mahattah Connector Bridge (BRT):



Main Contractor	Bab Al-Sharq Contracting Company
Project Location	Al-Mahathha - Amman
Bridge Type	I-Girders Bridge (40 Girders)
Strands Quantity & Specification	<b>50 Tonnes</b> – ASTM A416
PPL Anchorages	TTM Anchorages - Italy
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Zarqa-Azraq-Omari Bridges:







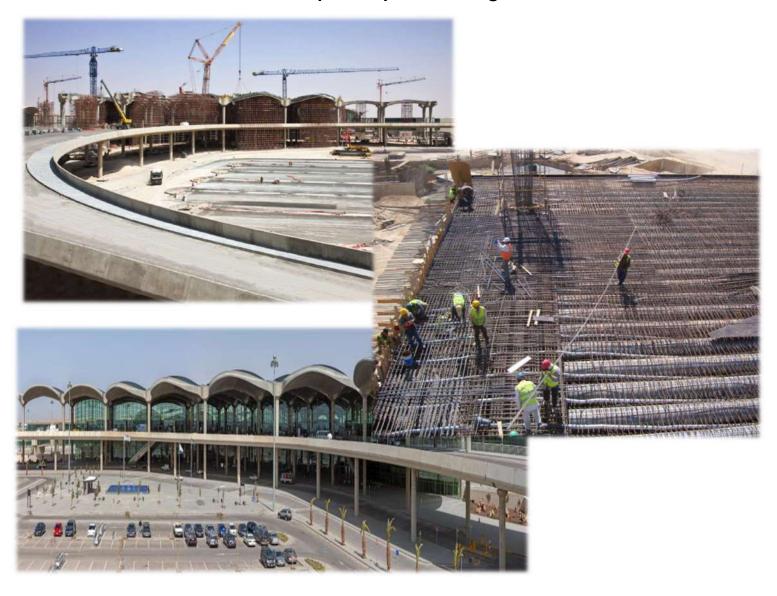
	J.V. of: Masar United Contracting Co.
Main Contractor	& Ahmad Yousif Al-Tarawneh Contracting
	Co.
Project Location	Zarqa – Azraq - Omari
Bridge Type	Voided Slab Bridges (13 Bridges)
Strands Quantity & Specification	<b>500 Tonnes</b> – BS 5896
PPL Anchorages	TENSA Anchorages - Italy
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Al-Shulah Interchange Bridge:



Main Contractor	Genal Contracting Company
Project Location	King Abdulaziz City - Zarqa
Bridge Type	Voided Slab Bridges (13 Bridges)
Strands Quantity & Specification	<b>120 Tonnes</b> – ASTM A416
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Queen Alia International Airport Departure Bridge:



Main Contractor	J & P Contracting Company
Project Location	Queen Alia International Airport - Amman
Bridge Type	Voided Slab Bridge
Strands Quantity & Specification	<b>450 Tonnes</b> – ASTM A416
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# **POST-TENSIONED SLABS:**

# Al-Hikma Head Quarters:



Main Contractor	Mid Contracting Company
Project Location	Al-Bayader - Amman
Slabs Type	PT Beams
Strands Quantity & Specification	<b>15 Tonnes</b> – BS 5896
PPL Anchorages	TENSA Anchorages - Italy
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Al-Huriyah Mall:



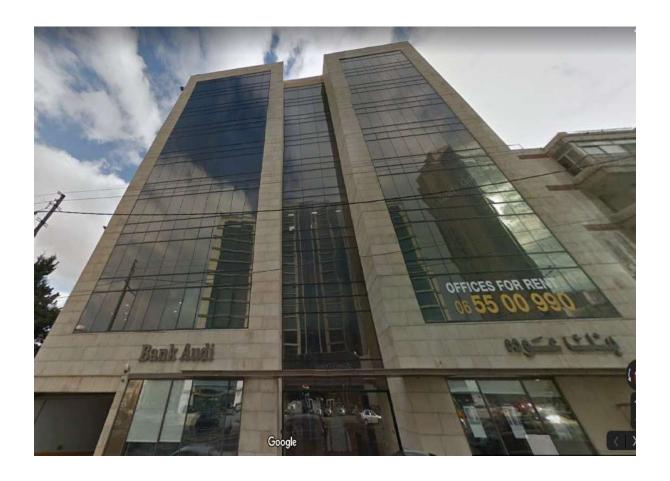
Owner	San Diego Investment Group
Consultant	Munir Hajjiri & Assoc. Arch. & Engineering
Constitution	Consultants
Main Contractor	Al-Hawwary Contracting Company
Project Location	Al-Huriyah Street
Slabs Type	Flat Slabs + Drop Panels
Area (m²)	45,000 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> </ol>
	2. Detailed shop drawings for the post-
	tensioning system.
	3. Supply & installation of the PT system
	including stressing & grouting of
	tendons.

# ❖ AJIB Bank Tower – 6<sup>th</sup> Circle:



Owner	AJIB Bank
Consultant	Arabtech Jardaneh
Project Location	6 <sup>th</sup> Circle - Amman
Slabs Type	Flat Slabs
Area (m²)	12,500 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# ❖ Zahran Tower – 6<sup>th</sup> Circle:



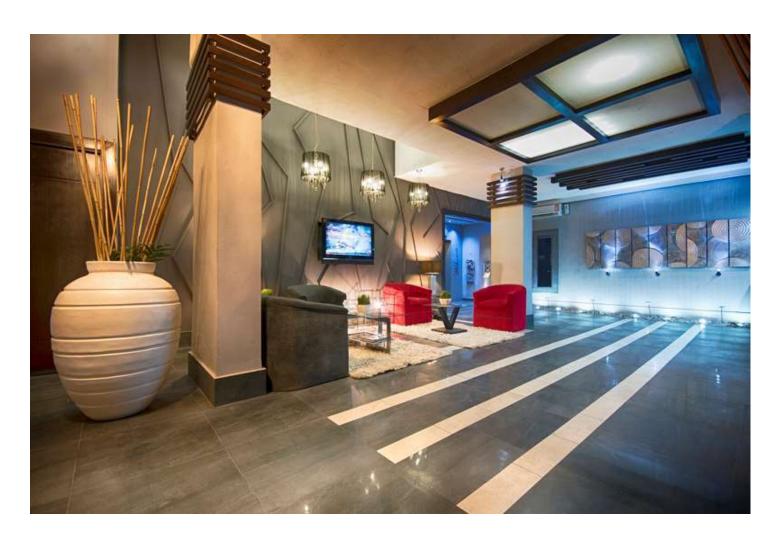
Consultant	Waddah Al-Souqi
Main Contractor	Lamar Contracting Company
Project Location	6 <sup>th</sup> Circle - Amman
Slabs Type	Flat Slabs
Area (m²)	9,800 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Jordan Armed Forces Headquarters:



Main Contractor	Masar United Contracting Company
Project Location	Al-Mafraq
Slabs Type	Flat Slabs
Area (m²)	8,000 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# Crystal Hotel – Abdali:



Consultant	Maisam Architect Engineers
Main Contractor	Al-Miqyas Contracting Company
Project Location	Abdali - Amman
Slabs Type	Flat Slabs + Drop Panels
Area (m²)	18,000 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# \* Economics College @ Al-Zarqa Private University:



Consultant	Soboh Consulting Engineers
Main Contractor	Great Jerusalem Contracting Company
Project Location	Zarqa
Slabs Type	Flat Slabs
Area (m²)	10,000 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

## ❖ Al-Hasad Al-Tarbawi Schools:





Consultant	HREO Consulting Engineers
Main Contractor	Zaaid Contracting Company
Project Location	Al-Huriyah Street - Amman
Bridge Type	Flat Slabs
Area (m²)	25,000 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# \* Rahma Private Secondary School:



Main Contractor	Issa Qandeel
Project Location	Irbid
Bridge Type	Flat Slab
Area (m²)	1,100 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ul> <li>4. Design check on the post-tensioning system.</li> <li>5. Detailed shop drawings for the post-tensioning system.</li> <li>6. Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ul>

# **❖** Montessori Schools:



Consultant	Nabil Zaki Goussous
Owner	Montessori Schools
Project Location	Al-Mafraq
Bridge Type	Flat Slabs
Area (m²)	6,500 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>

# ❖ Irbid City Center:



Main Contractor	Al-Hawwary Contracting Company
Project Location	Irbid
Bridge Type	Flat Slabs
Area (m²)	8,000 m <sup>2</sup>
PPL Anchorages	PBL Anchorages - Thailand
Achieved Job	<ol> <li>Design check on the post-tensioning system.</li> <li>Detailed shop drawings for the post-tensioning system.</li> <li>Supply &amp; installation of the PT system including stressing &amp; grouting of tendons.</li> </ol>



## Al-Muwaqqar Governmental School

#### Al-Muwaqqar - Jordan

Owner: Ministry of Public Works & Housing.

<u>Main Contractor:</u> Sanad Contracting Company.

Area: 5,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.



#### Hilti Center

#### Amman - Jordan

Owner: Hilti Company.

Consultant: Eng. Samer Muammar.

<u>Area:</u> 1,500 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

# Sarmad Nema Offices Building

#### <u>Amman - Jordan</u>

<u>Arab Countries Co. Factory</u> <u>Amman - Jordan</u>

Owner: Mr. Sarmad Nema Abdallah.

Owner: Dr. Taysser Al-Halawany.

Area: 6,500 m<sup>2</sup>.

Area: 13,000 m<sup>2</sup>.

#### Achieved Works:

## Achieved Works:

1. Design of post-tensioning system in accordance with PTI Code & ACI Code.

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2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.

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# <u>Housing Bank – Um Uthainah</u> <u>Amman - Jordan</u>

Owner: Housing Bank.

**Consultant:** Consolidated Consultants.

Area: 3,300 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

# Baby Center - Swefiyah

Amman - Jordan



Owner: Mr. hisham Othman.

<u>Area:</u> 4,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### **Residential Building**

#### <u>Amman - Jordan</u>

Owner: Mr. Issa Michel.

Area: 1,400 m<sup>2</sup>.

#### Achieved Works:

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### **Service Station**

#### Amman - Jordan

Owner: Mr. Mohammad Atieh.

<u>Area:</u> 2,400 m<sup>2</sup>.

- Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all posttensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### **Commercial Center**

#### Amman - Jordan

Owner: Mr. Mohammad Naser.

Area: 4,300 m<sup>2</sup>.

#### Achieved Works:

- Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

# <u>Service Station - Rosayfah</u> <u>Amman - Jordan</u>

<u>Area:</u> 1,860 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### Metro Restaurant - Abdoun

#### Amman - Jordan



Owner: Mr. Sami Daraeen.

Consultant: Waddah Al-Souqi.

Area: 3,300 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### **Promise Welfare Society**

#### <u>Amman - Jordan</u>



Owner: Promise Welfare Society.

Consultant: Waddah Al-Souqi.

Area: 3,000 m<sup>2</sup>.

- Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### **Commercial Center**

#### Amman - Jordan

#### **Commercial Center**

#### Amman - Jordan

Owner: Mr. Mohammad Quider

Area: 2,000 m<sup>2</sup>.

<u>Area:</u> 7,000 m<sup>2</sup>.

Owner: Mr. Rami Salous.

#### Achieved Works:

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

- Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### Gardenia Hotel

#### <u>Humes - Syria</u>



Owner: Gardenia Group.

Main Contractor: Saudi Bin Laden.

Area: 50,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### The Eighth Gate

#### Damascus - Syria



Owner: Dr. Talal Al-Sayyed.

<u>Main Contractor:</u> Osos Engineering & Construction Company.

Area: 13,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### **Hyundai Motors Show Room**

#### <u>Amman - Jordan</u>





Main Contractor: Nashashibi Contracting Company.

**Consultant:** Boucai Engineering Consultants.

Area: 10,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

# Hyundai Maintenance Building Amman - Jordan

# Al-Kora Factory Irbid - Jordan

<u>Main Contractor:</u> Nashashibi Contracting Company.

<u>Area:</u> 12,500 m<sup>2</sup>.

Owner: Ministry of Labor.

Consultant: Boucai Engineering Consultants.

Area: 5,000 m<sup>2</sup>.

#### **Achieved Works:**

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

- Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.



# <u>Orthodox School - Shmessani</u>

<u>Amman - Jordan</u>

<u>Main Contractor:</u> Nino Constructional Engineers & Contractors Co.

<u>Consultant:</u> Zabaneh Consulting Engineers.

<u>Area:</u> 3,800 m<sup>2</sup>.



- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.



#### **Aqaba New Port Project**

#### Aqaba - Jordan





<u>Main Contractor:</u> Mid Contracting Company.

<u>Consultant:</u> Consolidated Consultants.

Area: 30,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.



# Amman - Jordan

Main Contractor: Ammoun Contracting Company.

<u>Consultant:</u> HREO Consulting Engineers.

Area: 13,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

#### Hebron Center B

#### Al Khalil, Palestine





<u>Main Contractor:</u> Al jaber contracting company, Inc.

Area: 12,000 m<sup>2</sup>.

- Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Providing all post-tensioning components which include: unbonded tendons, anchorage heads, stressing machines & accessories.

# <u>Taj Mall</u>

# Ramallah, Palestine

Main Contractor: Al jaber contracting company, Inc.

Area: 56,000 m<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Mall is under construction.







# Amman Academy Theater (Under Construction) Amman - Jordan

Main Contractor: Arabian Construction & Contracting Company.

<u>Consultant:</u> Dar Al-Handasah (Shair & Partners)

Strands Tonnage: 25 Tonnes.

- Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process & grouting process.
- 3. Providing all post-tensioning components which include: flat duct bonded tendons, corrugated duct bonded tendons anchorage heads, stressing machines & grouting machines.

# {Post-Tensioned Floors in United States}





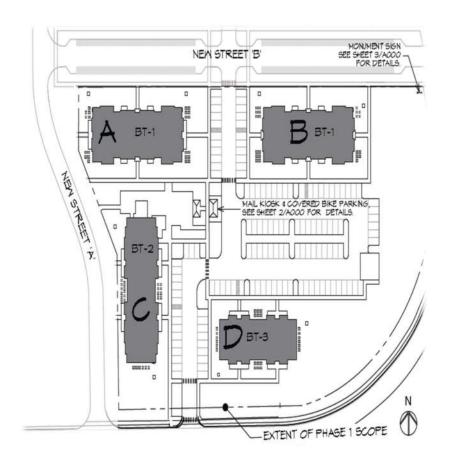
# Lofts at Jefferson station Jacksonville, Florida

Owner: Lofts at Jefferson station, Ltd.

Main Contractor: Summit Contracting Group, Inc.

Area: 44,250 ft<sup>2</sup>.

- 1. Design of post-tensioning system in accordance with PTI Code & ACI Code.
- 2. Execution of all post-tensioning works which include: installation of tendons, stressing process.
- 3. Providing all post-tensioning components which include: unbonded tendons, anchorage heads, stressing machines & accessories.



# Warner Robins Redevelopment Phase I

#### Warner Robins, Georgia

Owner: PENNROSE PROPERTIES

Main Contractor: Capstone Building corp.

Area: 33850 ft<sup>2</sup>.

- Design of post-tensioning slabs on grade in accordance with PTI Code & ACI Code.
- 2. Execution of all posttensioning works which include: installation of tendons, and stressing process.
- 3. Providing all posttensioning components which include: unbonded tendons, anchorage heads, stressing machines & accessories.

#### 52511Barkmay-Patier& Suites Atlantam Greer size orgia



Main Contractor de General i Hearwise construction General Agent Date i Hearwise

<u>Area:</u> 180220 ft<sup>2</sup>.

- 2. Execution of all post-tensioning works where concludes installation of tendones and first allation of tendones include: installation of
  - include: installation of tendons, and stressing
- 3. Providing addresst-tensioning components which include: unbonded tendons, anchorage heads, stpessing applices. & accessories sioning components which include: unbonded tendons, anchorage heads, stressing machines & accessories.



#### **Bearing Pads & Expansion Joints**







#### Reconstruction & Upgrading of Zarqa-Azraq-Omari Highway

**Bridges Works** 

Section 1 & Section 2

Owner: Ministry of Public Works and Housing.

Consultant: Dar Al-Handasah.

<u>Main Contractor:</u> J.V. of Masar United Contracting Company & Ahmad Yousif Al-Tarawneh.

&

J.V. of United Enterprises Co. & Saad Al Mobty Contracting Co.

Bridges Type: Voided Deck.

- 1. Supply of 78 pot bearings for abutments and piers of all bridges.
- 2. Supply of the whole quantity of the expansion joints for all bridges.





## <u>Amman Bus Rapid Transit – Phase I – Suwayleh Bridge.</u>

<u>Owner:</u> Greater Amman Municipality.

<u>Main Contractor:</u> Haddadinco Contracting Company.

Bridges Type: Box Girder.

- 1. Supply of 20 spherical bearings for abutments and piers of bridge segments
- 2. Supply of the whole quantity of the expansion joints for the bridge.





#### Reconstruction & Upgrading of Azraq-Omari Highway

#### Section 2

## Mechanically Stabilized Earth Walls (Wing Walls)

Owner: Ministry of Public Works and Housing.

<u>Consultant:</u> Dar Al-Handasah.

#### Main Contractor:

J.V. of United Enterprises Co. & Saad Al Mobty Contracting Co.

MSE Walls Type: Facing Panels.

- 1. Design & execution of 24 mechanically stabilized earth walls (wing walls) with a total area of 3000m<sup>2</sup>.
- 2. The reinforcement system was (polymeric strips with polymeric loops and toggle bars).
- 3. The walls had an average height of (10.0m).





# ACWA Power Zarqa CCGT Project Mechanically Stabilized Slopes

Owner: ACWA Power.

#### Main Contractor:

SEPCO III Electric Power Construction Corporation.

<u>Slope Type:</u> Geocells Facing with Geogrids Reinforcement.

- Design & execution of mechanically stabilized slopes of (5000 m2) using geogrids facing and geogrids reinforcement.
- 2. The geocells facing are filled by single sized materials.
- 3. The design is done in accordance with FHWA-NHI-10-024 code.

#### {Shoring Systems - Temporary & Permanent}



# Permanent Shoring System for Gas Station @ King Abdullah II Street (Medical City Street)

#### <u>Amman - Jordan</u>

Owner: Mr. Esam Abu Jamous.

#### Main Contractor:

Arab Business Contracting Co.

<u>Shoring System:</u> Permanent.

- 1. Execution of all permanent shoring works including the rotary drilling of anchor holes, installation of strands, grouting of bonded body & stressing of anchors.
- 2 Providing all strands anchors with all accessories including anchor heads and wedges.





#### <u>Arab Islamic International Bank</u>

#### Marka - Amman - Jordan

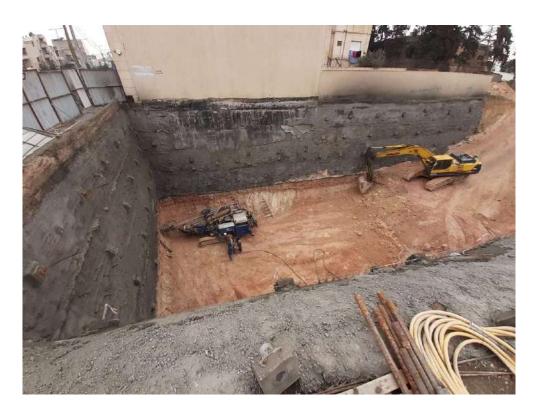
Owner: Arab Islamic International Bank.

#### Main Contractor:

Arab Business Contracting Co.

<u>Shoring System:</u> Temporary.

- 1. Execution of all temporary shoring works using strands anchors. (Installation, grouting & stressing).
- 2. Providing all strands anchors with all accessories including anchor heads and wedges.







#### Ritz Carlton Hotel – Phases I & II

#### <u>Amman - Jordan</u>

Owner: Al-Eqbal Real Estate.

<u>Consultant:</u> Dar Al-Handasah.

#### Main Contractor:

ATCCO Contracting Company.

<u>Shoring System:</u> Temporary.

- 1. Execution of all temporary shoring works using strands anchors. (Installation, grouting & stressing).
- 2. Providing all strands anchors with all accessories including anchor heads and wedges.





#### Al-Hikma Headquarters

#### <u>Amman - Jordan</u>

Owner: Al-Hikma Pharma.

<u>Consultant:</u> Dar Al-Handasah.

#### Main Contractor:

Issa Haddadin Contracting Company.

**Shoring System:** Temporary.

- Execution of all temporary shoring works using strands anchors. (Installation, grouting & stressing).
- 2. Providing all strands anchors with all accessories including anchor heads and wedges.

#### Amman Academy Theater

#### Amman - Jordan





Owner: Amman Academy.

Consultant: Dar Al-Handasah.

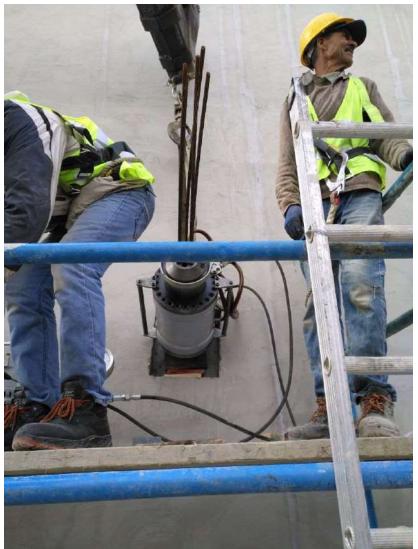
#### Main Contractor:

Arab Construction & Contracting Company.

<u>Shoring System:</u> Temporary.

- 1. Design of temporary shoring system in accordance with FHWA and AASHTO LRFD.
- Execution of all temporary shoring works using strands anchors. (Installation, grouting & stressing).
- 3. Providing all strands anchors with all accessories including anchor heads and wedges.





# ACWA Power Zarqa CCGT Project Zarqa-Jordan

Owner: ACWA Power.

#### Main Contractor:

SEPCO III Electric Power Construction Corporation.

<u>Shoring System:</u> Permanent.

- 1. Design of permanent shoring with anchored walls system in accordance with FHWA and AASHTO LRFD.
- Execution of all temporary shoring works using strands anchors. (Installation, grouting & stressing).
- 3. Providing all strands anchors with all accessories including anchor heads and wedges.



# Thahr Al-Sarou School & Hay Al-Eskan School

(USAID)

Jerash-Jordan



Owner: USAID.

Main Contractor:

Dijlah Contracting EST.

<u>Shoring System:</u> Temporary.

- 4. Design of permanent shoring with anchored walls system in accordance with FHWA and AASHTO LRFD.
- 5. Execution of all temporary shoring works using strands anchors. (Installation, grouting & stressing).
- 6. Providing all strands anchors with all accessories including anchor heads and wedges.

#### **General Contracting**

#### 1. Gharghour Showroom (TGF):



Owner	TGF Holding		
Consultant	ACE		
Main Contractor	Concrete Structures Contracting Co. (CSCC)		
Project Location	King Abdullah II Street, Amman		
Slabs Type	General Contracting (Whole Building)		
Area (m²)	1,200 m <sup>2</sup>		

- 2. JAB Garment Industry, twenty-five hundred square meters factory designed for the production of shirts. Marka, Amman.
- 3. Renault, Chrysler, Jeep, Main building which consists of the main show room, offices and stores. Garden Street, Amman.
- 4. Ten Thousand square meters building designed and supervised and managed by our company.
- 5. Renault, Chrysler, Jeep, Maintenance building. Six thousand square meter project. Marka, Amman.
- 6. Baalbaki tourist complex the largest and most descent on the road to Aqaba One thousand square meters project designed in order to offer the best services needed by any traveler.
- 7. Industrial complex for the Arabian Development company for international Trading.
- 8. Ten Thousand Square meters project designed to meet the requirements of small industries.
- 9. (South Amman, Abu Alanda).
- 10. Imad khoury factory, 1000m2 Designed to produce wood products and Apholsty.
- 11. Free zone, Zarka.



7. Jordan Scaffolding company 1000m<sup>2</sup> projects Designed to produce scaffolds for buildings under construction.

South Amman (Abu Alanda)

8. Ibn Nafis Medical Center, Shmeisani

Amman 3000m<sup>2</sup>.

- 9. Many Residential buildings and Villas all over Jordan.
- 10. Fair Deal Textiles (PVT) Limited 7000M2 garment project in Al-Dulyl, Jordan
- 11. Lanka Equities (PVT) Ltd. Jordan, Garment project 6500m2 project in Al-Dulyl, from Sri-Lanka.
- 12. High-Tech Textiles in Al-Dulayl area, 7000m<sup>2</sup> factory designed to produce jeans.

#### 13. Chili's Restaurant, Renovations and External Paintings



14. Mustafa Al-Hudhud Ware House, Steel Structure area 2500.00m2 at abu-Alanda



15. KFC Resturant At Marj Al-Hamam Area = 300 m2



16.









#### 19. Precast Concrete Walls (1500 MR)

Location: The Royal Hashemite Court







#### 20. Precast Concrete Walls (1200 MR)

**Location: Al Omari borders** 





# Companies Registration Certificates



شهادة عضوية

نسخة

الرقم الوطني للمنشأة: 200025119

رقم العضوية: 13626

#### تشهد إدارة غرفة صناعة عمان

أن الـــسادة: شركة فيلادلفيا للخرسانة لاحقة الإجهاد

مسجل/مسجلون لديها على النحو التالي:

الإســم التجــاري:

٥-وقع المصنع: العاصمة / القويسمة / القويسة والجويدة / الحزام الدائري

نـوع العضـويـة: حرفي

ال ف ١٥٥، لا يوجد فروع

القطاع الرئيسي: المناعات الأشائي صناعــة عــــــان

AMMAN CHAMBER OF INDUSTRY

الرئيس

صدرت في: 2018/01/13

ينتهي العمل بها في: 2018/12/31

رقم سند القبض؛ 4739

44476

Control Number: 16048281

#### STATE OF GEORGIA

Secretary of State Corporations Division 313 West Tower 2 Martin Luther King, Jr. Dr. Atlanta, Georgia 30334-1530

#### CERTIFICATE OF ORGANIZATION

I, Brian P. Kemp, the Secretary of State and the Corporation Commissioner of the State of Georgia, hereby certify under the seal of my office that

#### Philadelphia Post-Tensioning LLC

#### a Domestic Limited Liability Company

has been duly organized under the laws of the State of Georgia on 05/17/2016 by the filing of articles of organization in the Office of the Secretary of State and by the paying of fees as provided by Title 14 of the Official Code of Georgia Annotated.

WITNESS my hand and officials eal in the City of Atlanta and the State of Georgia on 05/19/2016



B: P. Kemp Secretary of State

#### STATE OF GEORGIA

Secretary of State Corporations Division 313 West Tower 2 Martin Luther King, Jr. Dr. Atlanta, Georgia 30334-1530

ANNUAL REGISTRATION

\*Rectomically Filed\* Secretary of State Filing Date: 3/29/2018 1:18:56 PM

BUSINESS INFORMATION

CONTROL NUMBER 0005728

BUSINESS NAME MATRIX ENGINEERING GROUP, INC.

BUSINESS TYPE Damestic Brofit Corporation

EFFECTIVE DATE 03/29/2018

PRINCIPAL OFFICE ADDRESS

ADDRESS 4358 Chamblee Tucker Road, Suite 3, Tucker, USA

REGISTERED AGENT'S NAME AND ADDRESS

NAME ADDRESS

Tomeh, Amin A 3272 ksa Trail Tucker, GA 30084, Debalb, Tucker, GA, 30084, USA

OFFICERS INFORMATION

NAME TITLE ADDRESS

AMIN TOMEH CFO 3272 Issa Trail, Tucker, USA
OSAMA AL VATEEM CEO 2055 Shouti Lare, Atlanta, USA
AMIN TOMEH SECRETARY 3272 Issa Trail, Tucker, USA

AUTHORIZER INFORMATION

AUTHORIZER SIGNATURE Osama Alyakean

AUTHORIZER TITLE Officer

	استاد المالتاد (۲) من المالتاد (۲) من المالتاد المالتاد المالتان	يُمنَّن المَّالِ مُرْكَا فِ الاجتماعاتاتِ، ﴿	And the state of t
نيالتا لينالانكاين	سطام الاستال لكويترية (١١١١) سام ١١١١ تعاول المهادرة عن عجالس المريلة بالجنة التصليف الختصة ،	دَ المنشات الخرساتية للمقاولات ذ.م.م فنة ثلثة عبارات وجدران استئابية .وعبارات تصريف فنة رابعة بنشاء ابنية	
(a) (a) (b) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c			STATES AND
	Sheall	Schield in Parties	Healte allegit

# Performance Certificates Finished Projects



Joint Venture for Queen Alla International Airport Rehabilitation, Espansion, Operation Agreement EPC CONTRACTOR مشروع مطار الملكة علياء الدولي تاهيل رئوسعة وإدارة المطار



Joannou & Paraskevaldes (Overseas) Ltd. & J&P AVAX S.A.

Date: 14th February 2018

#### To Whom it May Concern

We the Joint venture of J&P (O) Ltd/ J&P AVAX S.A. the EPC Main Contractor for the Construction of Queen Alia International Airport confirm that Messrs. Philadelphia Post Tensioning Co. (previously known as Jordan Scaffolding Company) were the successful subcontractor that executed the Post Tensioning Works on the Departure Bridge of the Project.

We were pleased with the performance of Messrs. Philadelphia Post Tensioning Co. and certify that they have completed their works on time, without any technical issues and to the standard required to meet the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility in respect of the performance of the aforesaid company in any other projects.

For J&P(O)Ltd./J&P AVAX S.A.

P.P-

Pavlos Christoforou Contractor's Representative

---

مشيوع محلتم الملكة مدياء المجلم تأصيل وتوسيعة وادارة المطار الألا الاستدامة وادارة المطار

J EP (CELIM/J & FIRMS S.A. HO S478 \$145 motions \$1583 (seeling GOLDEN SPIKES CO. FOR ED. & INV.

#### AL-HASAAD AL-TARBAWI SCHOOLS



#### GOLDEN SPIKES CO. FOR ED. & INV.

General Administration

No:17/1/ 551

Date: 11/2/2018

#### To whom it may concern

We hereby confirm that M/s. Philadelphia Post Tensioning Co. have worked for us on our project (Al Hassad Al-Tarbawi school) as a post tension works subcontractor, and we certify that they have completed their works on time, without any technical issues and the executed structure meet the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Head of The Board Ayoub A. Khamir



Date: 6/2/2018

#### To whom it may concern

We hereby confirm that M/s. Philadelphia Port Tensioning Co. have worked for us on our project ( Al-Hurriyah Mall ) as a post tension works subcontractor and we certify that they have completed their works on time, without any technical issues, the executed structure meets the criteria and specifications of our project.

This certificate is issued upon their request without any responsibility wharsever on our part.

Sandiego Investment Co.

Chairman,

Damis suleiman

شركة سان دييقو للاستثمار دمء

San Deigo For Investment L.T.D.

Tel. + WC2 # 4200798



Date:14/2/2018

#### To whom it may concern

We hereby confirm that M/s. Philadelphia Post Tensioning Co. have worked for us on our project (Al-Maharat International School) as a post tension works subcontractor, and we certify that they have completed their works on time, without any technical issues and the executed structure meet the criteria and speci fications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Hussein Miqdadi & Partner Co.

HUSSEIN MIQDADI & PARTNER CO.



corr.kor و المعاق المارية (۱۷۵ أم المعاق المارية (۱۷۵ أم المعاق عمال ۱۸۲۱ الأردن E-mail: mide@mid-contracting.com.jv

Date:6/2/2018

#### To whom it may concern

We hereby confirm that M/s. Philadelphia Post Tensioning Co. have worked for us on our project (Aqaba New Port) as a post tension works subcontractor, and we certify that they have completed their works on time, without any technical issues and the executed structure meet the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Project Manager

MIDCONTRACTING







#### To whom it may concern

We hereby confirm that M/S Philadelphia Post Tensioning Co. have worked for us on our project (Reconstruction & Upgrading of Azraq-Omari Highway Section II) as a subcontractor for post tension works in bridges, and we certify that they have completed their works on time, without any technical issues and the executed structure meet the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Best regards;

United Enterprises Co.

Executive Director Eng. Jalal Al-Qudsi



مؤسسة سنر للتعهروك والعامة

Sanad Establishment For General Contracting

عمان \_ هاد ف ٤٦٢٨٦٢٦ فاكس ٤٦٥٠٩٥٤ يري ٤٦٥٠٩٥٤

Ref: 228/38/2016

Date: 06/02/2018

"To whom it may concern"

We hereby confirm that M/s. Philadelphia Post Tensioning Co. have worked for us on our project (Al-Muwaqqar Vocational School) as a post tension works subcontractor, and we certify that they have completed their works on time, without any technical issues and the executed structure meet the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Sanad Est. For General Contracting

Date:6/2/2018

#### To whom it may concern

We hereby confirm that M/s. Philadelphia Post Tensioning Co. have worked for us on our project (Hyundai Motors Show Room ) as a post tension works subcontractor, and we certify that they have completed their works on time, without any technical issues and the executed structure meet the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Project Manager

Eng.Sameer Al Nashashibi



#### **CLASSIC BUILDERS & DEVELOPERS**

Al-Hassan Industrial Estate, P.O. Box: 68, Ramtha, Irbid, Jordan Telephone: +962 7391369, Fax: +962 2 7391368

Date: 13/2/2018

#### To whom it may concern

We hereby confirm that M/s. Philadelphia Post Tensioning Co. have worked for us on our project

(Apparel Industry Factory at Jordan Valley) as a post tension works subcontractor, and we certify that
they have completed their works on time, without any technical issues and the executed structure meet
the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Authorized Signatory

CBD STREET



#### JOUD &DAWOD **Engineering Consulting** Office No 2930

ــود و داود للاستشارات الهندسية مكتب رقم ۲۹۳۰

الرقم: 2020/13

التاريخ: 2020/9/5

السادة شركة المنشآت الخرسانية للمقاولات

الموضوع: شهادة أداء

تحية طبية وبعد....

يشهد مكتب جود وداود للاستشارت الهندسية بأنه قد تم الاثنهاء من الأعمال الموكلة لكم حسب الاتفاقية المبرمة بينكم وبين المالك والخاصة بإنشاء مشروع بناء للهنجر / خربية السوق للمالك المهندس عمر أمين شيخ الأرض، على قطعة أرض رقم(314)حوض رقم (1) الحنو منطقة خريبة السوق، وأنه قد قمتم بتنفيذ الأعمال حسب مواصفات المشروع وخلال مدة العقد.

Je Jein Winey 756

وتقضلوا بقبول فانق الاحترام

ود وداود رام الكتب للاستشارات الهندسية

Amman/Tabarbor - Al-Shaheed Street - Layale Al-Sharq Complex - Floor No 1, Office 2 Tel: 00962 788286556 Email: aamd\_abed@yahoo.com

# Ali Abu Anzeh Office

#### متب تبناس <u>عُلْنِي أَبِهِ عَنْنَوْ</u> برندات- تصبيم شرف-إدارة مغاريع



الرفيم: التاريخة ال في : ١٠١١/6/8

نقابة المهندسيين الأردنيين 1 ا عزمان ١٠٦ د دادة الشابين الهندسية ردم الود

السادة: عبدالله صوفان و شركاه المحترمين

#### لمن يهمه الامسر

تحية طيبة و بعد ،،،

نشهد نحن مكتب " المهندس علي أبو عنزة " بأن مقاول أعمال الهيكل الانشائي اشركة المنشآت الخرسانية للمقاولات قد أنهى كافة الأعمال الموكلة إليه بحسب الاتفاقية الموقعة مع المالك "المادة عبدالله صوفان و شركاه "و ذلك لمشروع المبنى التجاري المقام على قطعة رقم (٩٩٥) حوض (١ البلد) من أراضي طبربور في الوقت المحدد له و أننا قد استلمنا المشروع بناريخ ٣٠/٦/٢٠ ٢٠١ ، مع العلم بأن مساحة المشروع الاجمالية تساوي ١٠٥،٥٠ م٢.

و تفضلوا بقبول فائق الاحترام

مادرم

الموضين بالتوقيع

قصادق مقابدة المهندسين الأرشيين على صعد تمم معكني معلق المهندسين الأرشين على صعدة المناسبة ويت المتصديق مادسور على معدة المناسر دون ابية مسؤولية ليما ياقسين ويعتن إسان عاده الوثيرة الساء عصان غسي 1/4 6/6/20 الأرسين المنام

عمان - فارع العام عبد هذا الثاني - العالمي: ١٣٣٠/١٠٠ - الساعا - فارع البادية العلمي - العالمي - العالمي - العام العام - العام - العام العام - ا العام - العام العام - العام -



TGF Holding for Investment / John لة ثي جي اف هولدنغ للاستثمار / الأردن

R.C 34357 Capital JOD 500,000

الرقم: ك ك / رق / 104

التاريخ: 2020/08/24

السادة شركة المنشآت الخرسانية للمقاولات المحترمين

#### الموضوع: شهادة أداء

تحية ويعد،،،

تشهد شركة تي جي اف هولدنغ للاستثمار / الاردن بأنه قد تم الانتهاء من الأعمال الموكلة لكم حسب الاتفاقية المبرمة بيننا بتاريخ 2019/05/28 والخاصة باتشاء مشروع صالة عرض غرغور / البيادر على قطعة أرض رقم 1762 حوض السهل من أراضي وادي السير ، وأنه قد قمتم بتنفيذ الأعمال حسب مواصفات المشروع وخلال المدة المحددة وأنه قد استثمتم مستحقاتكم لقاء هذا العمل.

متمنين للجميع دوام التوفيق ،،،،

تفضلوا قبول فائق الاحترام ،،،،،

شركة تى جي اف هولدنغ للاستثمار / الاردن

مي جسي اف هولدنيغ للإستثمار | الأردن ذرم م

شارع المدينة المنورة / دوار الكيلو خالف 5523110

فاكن 5523133 Madina Al Mounawars St. / Bldg 112 / Kilo Circle P.O.Box 852043 Amman 11185 ,ordan

Tel.: +962 6 5523110 Fax: +962 6 5523133

شارع المدينة المنورة / بنابة ١١٢ / دوار الكيلو ص.ب ٤٢- ٥٥١ عمان ١١١٨٥ الأرين مانف ۱۱۲۱۱۰ مانف ۱۹۹۲ مانف فاكس: ۱۹۱۳ مه ۱ ۹۹۶.

#### المكتب الهندسي الاستشاري العالمي Associated Consulting Engineers Int'l.



الرقم :م غ/۱۰۱م/۳۳ التاريخ: ۲۰۲۰/۰۸/۲۵

المطرمين

السادة / شركة المنشآت الخرسانية للمقاولات

تحية طيبة وبعد،،،

#### مشروع معض غرغور الموضوع: شهادة أداء

يشهد المكتب الهندمسي الاستشاري العالمي بأنه قد تم الانتهاء من الأعمال الموكلة لكم حسب الاتفاقية المبرمة بينكم وبين المالك والخاصة بإنشاء مشروع صالة عرض غرغور/ البيادر لشركة تي جي اف هولدنغ للاستثمار - الأربن، على قطعة أرض رقم (١٣٦) حوض رقم (١٣) السهل من أراضي وادي السير، وأنه قد قتم بتنفيذ الأعمال حسب مواصفات المشروع وخلال مدة العقد.

عدم بسعيد الإعمال عسب مراصلت معمروع وعدل عدا العادة والد الله و الد و الد و الد و الد العادة و الد الله و الله و

المكتب الهندس الامتشاري العالمي المعتشاري المعتشاري

980790 500





Ref.	***************************************	برقم
Date		تناريخ

Atten.: Mr. Bassam Ma'aitah

**Projects and Expansions Director** 

### Project :Construction of Boundary Wall Around Potash Storage Yard PO# 201901808

Subject: Performance Certificate

Reference is made to the taking over report which was issued on 08th of October 2019 (copy attached), regarding the above mentioned project, kindly be informed that the taking over committee has re-inspected the works of the project mentioned above and found that there are no outstanding defects or damages and no remaining documents to be provided by the Contractor, therefore, the Contractor has Completed his obligations under the Contract.

Accordingly, the contractor is considered entitle to issue the performance certificate in accordance with sub clause 11.9.

Regards

Eng. Nabeeh Khashashneh

Eng. Khalid Nawayseh

Eng. Mohammad AL- Dmour

Mr. Jamal Kawaleet

Mr. Saleem Al Jebali

Cei/11/cc

Eng. Basil Sweidan

Tel +962 6 520 0520 Fax +962 6 520 0080

P.O.Box 1470 Amman 11118 Jordan E-mail info@arabpotash.com

www.arabpotash.com







Date:6/2/2018

#### To whom it may concern

We hereby confirm that M/s. Philadelphia Post Tensioning Co, have worked for us on our project (Industrial building (Y) for Venus Company ) as a post tension works. subcontractor, and we certify that they have completed their works on time, without any technical issues and the executed structure meet the criteria and specifications of our project.

This certificate is issued on their request and without any responsibility whatsoever on our part.

Project Manager

E.Khaldoun Sheikh Al Ard

Shighton Shitch Aff-And& Partners Continuous

Plant 5687561 Fax: 5056443 E-mail: ksalard@go.com.ju

P.O Box: 900853

Ammun - 11190





Number: 201901199 Date: 15/01/2019

#### To whom it may concern

We J.V. of Polikon & Al-Coroum Branch Company the Main Contractor for the construction works of (Palestine & Japanese Bridges Renovation Projects Coordinator), confirm that Messrs.

Philadelphia Post-Tensioning LLC. have executed all post-tensioning works for our project. They were the professional and successful subcontractor for post-tensioning system.

These bridges are under construction and we certify that **Messrs**. **Philadelphia Post-Tensioning LLC** have worked in the project without any technical issues and the executed system met our project's specifications.

This certificate is issued on their request and without any responsibility in respect of the performance of the aforesaid company in any other projects.

Sincerely Yours

J.V. Polikon & Al-Coroum Branch Company

Project Manager

Yuksel Cimen



















"This is a brief about our company, wishing that you give us the opportunity to assist you with your projects."



#### **Head Office**

107 Abdulhameed Sharaf St., Shmessani Amman, Jordan.

Phone: (962) 6 5699737 Fax: (962) 6 5605680

www.ppl-jordan.com

#### **USA** Office

4358 Chamblee, Tucker Rd, Atlanta Georgia, United States of America.

Phone: (1) 770-652-5235 Fax: (1) 770-448-5324

www.ppl-america.com