



# CIVIL WORKS

Highways, Bridges, Tunnels,  
Asphalt Pavements

**Al Own Advanced for Contracting**

Abdelrahman Abu Hasan 4B  
Amman, 11953

Phone: +962 (6) 5518466  
Email: [info@atgce.com](mailto:info@atgce.com)



Al-Own Advanced For Contracting Co. L.t.d  
شركة العون المتطورة للمقاولات ذ.م.م

# Al Own – Civil Works Profile

## INTRODUCTION

Al-Own Advanced for Contracting (AAC) is one of the leading companies in Jordan with a history of 35 years of Success and Development in the fields of Mining, Construction and Engineering, since it was established in 1983 with an initial paid up capital of \$14 million and a turnover around \$ 550 million.

Al Own is a private company, fully owned by Engineer Aref Yousef Al Tarawneh and Engineer Mohammad Yousef Al Tarawneh, of which they supervise and manage a staff of more than 1000 employees, a fleet of mechanisms with more than 450 machines and a group of 20 companies.

The company has reached the highest classification in various fields in the contracting and engineering sectors. In addition to, complying with the ISO standards in Quality, environmental and Health & Safety Management.

Certificate Links: [AO-ISO](#)

## VISION

Al-Own pursues its strategic objective of establishing itself as a leader among local and regional companies by introducing the most technologically advanced equipment alongside our highly experienced professionals.

## MISSION

- Our objective is to deliver high-quality, cost-effective projects in a highly competitive market.
- We maintain high levels of commitment and transparency throughout our business deals and sustain solid long-term relationships with our clients.
- AAC adheres to building unique reputation in the fields of construction and mining industry through providing highly qualified standards of services, fully equipped with high-tech machinery and equipment.
  - AAC executes Lump Sum Turnkey (LSTK), Engineering, Procurement, and construction (EPC) and Lump Sum Building (LSB) projects; such entails combining technical expertise with immense knowledge and high caliber.

## Roads Construction & Asphalt Pavements Key Projects Al Own

1. Reconstruction and Upgrading of Zarqa - Azraq Highway.
2. Al-Salt Ring Road.
3. Al-Abiad Road / North Ore-Body
4. Oil Shale Project
5. Rehabilitation of the Tourist Street and Executing the Alternative Street /Petra

### 1. RECONSTRUCTION & UPGRADING ZARQA-AZRAQ HIGHWAY PROJECT

**Project Value:** USD 140 Million ➤ **Client:** Ministry of Public Works and Housing  
➤ **Consultant:** Engicon Consultancy ➤ **Status:** 100% Completed

The project Includes the construction, completion, road signing and marking, and drainage structure of the Upgrading and Rehabilitation of Zarqa - Azraq Highway to four lanes separated by 20m wide median and other related works including interchanges, underpasses, and overpasses.

#### DETAILED SCOPE OF WORK

Upgrading of Approximately (47.3 Km) of existing road to four lanes divided highway by new constructions of two lanes adjacent to the existing road and rehabilitation of the existing road. • Two interchanges. • Seven overpasses over the main road for minor crossroads, in addition to slip ramps, crossroads diversions and tapers. • Construction of retaining walls, and drainage structures consisting of box and pipe culverts and protection works. • Construction of temporary detours as deemed necessary. • Relocation or new construction of utilities that obstruct construction. • Relocation of Air Force cable by excavating a ditch of 40cm wide by 80 cm in depth, to be used by the Air Force for laying the cable. • Relocation of utility lines that interfere with construction, including electric and phone poles, army camps walls, utilities, and structure.

• Construction of temporary and permanent detours. All earthworks necessary for the completion of the work, including embankment, roadway excavation, borrow, ditches, subgrade preparation, backfilling, filling and compaction, watering, rolling, sheathing, and subgrade and slope finish. • The construction of road granular sub-base, aggregate base course, bituminous concrete binder and wearing courses, prime coats, etc. • The construction of all drainage facilities including extension and new pipe and box culverts together with culverts inlet and outlet protections works, lined and unlined ditches and protection. • Removal and laying of around 13km of 600mm Ductile Iron pipeline for Al-Halabat and Azraq main pipelines. • The construction of all miscellaneous related works such as New Jersey barriers, road signs, road painting and markings • Removal of existing bridges. • Removal of the Traffic Light at the ZARQA - AZRAQ - MAFRAQ intersection, from the existing location to the ministry stores.

Project Construction and Upgrading of Zarqa-Al Azraq- Al Omary Highway		
Bridge and Underpass Distribution		
Name	Location	Budget USD
Bridge 1	1+122	2,287,354
Bridge 2	2+020	1,307,419
Bridge 3	12+814	1,907,799
Bridge 4	24+742	1,235,146
Bridge 5	56+494	2,104,085
Bridge 6	56+713	818,804
Bridge 7	56+804	948,059
Underpass 1	1+171	953,021
Underpass 2	1+047	1,488,498
Total Budget of Bridges & Underpasses USD =		13,050,185



## PROJECT GALLERY



## 2. AL-SALT RING ROAD PROJECT

**Project Value:** USD 37 Million ➤ **Client:** Ministry of Public Works and Housing ➤  
**Consultant:** Dar Al Omran Consultancy ➤ **Status:** 100% Completed

The project included the construction and completion of Al Salt Ring Road- Section 2 approximately (7.130) km of the primary 4-lane divided highway that starts at Station (7+538) and ends after the crossing with As Salt / Wadi Shuayb Road at Station (14+669).

### DETAILED SCOPE OF WORK

- Construction of Tunnel Interchanges
  - Yarqa Intersection includes an underpass tunnel, ramps, and loops of 295 m length and 4-Lane divided dual carriage way section.
  - Industrial City Intersection including an underpass tunnel, ramps, and loops of 620 m length and 4- Lane divided dual carriage way section.
  - Wadi Shuaib Intersection including an underpass tunnel, ramps, and loops of 460 m length and 4- Lane divided dual carriage way section
- Several at-grade intersections and U-turns.
- Reinforced Concrete Retaining Walls as Cantilever and Counter fort section.
- Reinforced Soil Retaining Walls with geosynthetic layers.
- Relocation of existing electrical, telecommunication, water, sewer lines and other utilities.
- All earthworks necessary for the completion of the work including: embankment, roadway excavation, borrow ditches, subgrade preparation, backfilling and slope trimming.
- Construction of asphalt pavement layers, topping layers, sub-base course for the roadway and shoulders.
- Construction of sidewalks with cement tiles and curbs.
- Construction of the necessary drainage structures such as:
  - Box Culverts with total length of 1,000 meters
  - Pipe culverts with total length of 5,000 meters.
  - Lined and unlined ditches and protection Riprap works.
  - Drainage precast and cast in site grills and gullies.



- Infrastructure works including the following:
  - Execution of sewerage network and house connections with total length of approximately 14800 meters and diameters ranging from 150 - 500 mm.
  - Execution of potable water network with total length of approximately 14,700 meters and diameters ranging from 25 - 250 mm.
  - Execution of communication lines network with total length of 3,400 meters.
  - Execution of electrical low & medium voltage cables with total length of 4,000 meters.
  - Execution of lighting network with total length of 7,000 meters.
- All road - related miscellaneous works including traffic signs, road furniture, and lighting for the underpass.

Project Al Salt Ring Road		
Bridge and Underpass Distribution		
Name	Location	Budget USD
Yarqa Intersection Underpass	10+600	1,040,286
Industrial City Intersection Underpass	12+120	1,641,605
Wadi Shuaib Intersection Underpass	14+000	1,271,115
Wadi Shuaib Culvert Underpass	14+300	4,265,347
<b>Total Budget of Bridges &amp; Underpasses USD =</b>		<b>8,218,354</b>





## PROJECT GALLERY





### 3. AL-ABIAD RING ROAD - NORTH OREBODY PROJECT

**Project Value:** USD 10 Million ➤ **Client:** Jordan Phosphate Mining Company ➤  
**Consultant:** Madi & Partners Consultancy ➤ **Status:** 100% Completed

The project includes the construction and completion of a road for mining phosphate ores inside the Al-Abiad mine with a total length of 25 km.

#### DETAILED SCOPE OF WORK

- Earthworks, including excavations and embankment.
- Two layers of topping selected material thickness of 50 cm on two layers by 25 cm per layer.
- Installing a crusher and a screen on site to produce topping materials with total amount 247,000 m<sup>3</sup>, Sub-Base Course 90,000 m<sup>3</sup>, Base Course 87,000 m<sup>3</sup>.
- Subbase layer with a thickness of 20 cm.
- Base course of crushed limestone 20 cm thickness
- Bituminous Binder Course layer 7.0 cm compacted thickness
- Bituminous Wearing Course layer 5 cm thickness
- All road - related miscellaneous works including traffic signs and side parking for vehicles.
- Construction of necessary drainage structures and trenches protection works.
- Construction housing, offices and workshops for employers and workers.



## PROJECT GALLERY





#### 4. AL-ATTARAT OIL SHALE MINE - CONSTRUCTION PROJECT

**Project Value:** USD 3 Million ➤ **Client:** AOBCM Joint Venture ➤

**Status:** 100% Completed

The project includes the construction and completion of 10 KM roads for oil shale mining operations with a minimum width of 25 meters to be used by 250 ton off-highway trucks and mining shovels.

##### DETAILED SCOPE OF WORK

- Construct 10 KM of roads with minimum width of 25 m each
- Construct dam bridge which includes:
  1. 135 meters length, 10 meters width, 3 opening culverts
  2. Backfilling & Embankment of the Dam body around 600 meters length.
  3. Construction of reinforced concrete tunnel 139 meters with 4.9 meters width
  4. Construction an ash pad for installing ash conveyor belts from topo 793 a.s.l to an elevation of 854 meters a.s.l from pit material, contains two drainage channels 2km each and water basin with a capacity 200,000m<sup>3</sup> of water, also includes ramp roads for each level of ash pad.
  5. All the roads have been designed as per Colorado mining school regulation and the ability to handle rigid dump trucks 250 tons
  6. All the designs and drawings created within Al Own scope
  7. Wadi protective barriers with a total length of 3,000m and 50m width from top
  8. Ash pad designed to handle 200-ton class crane.

Al-Attarat Oil Shale Mine - Construction Project		
Name	Location	Budget USD
Tunnel	0+260	1,310,407
Culvert Underpass	0+560	1,551,000
Total Budget of Tunnel & Underpasses USD =		2,861,407



## PROJECT GALLERY





## 5. REHABILITATION OF THE TOURIST STREET AND EXECUTING THE ALTERNATIVE STREET/PETRA PROJECT

**Project Value:** USD 3.6 Million ➤ **Client:** Petra Development and Tourism Region Authority. ➤ **Consultant:** Petra Development and Tourism Region Authority ➤ **Status:** 100% Completed

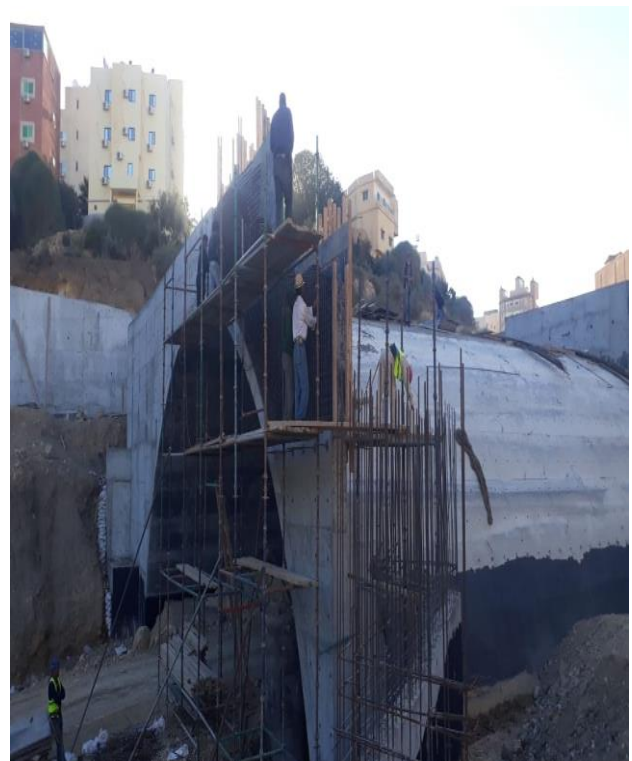
The project includes the rehabilitation of the tourist street, the entrance to the tourist street, and the entrance to the Petra City ➤ Demolition work, repair of existing areas, implementation of all roads, parking lots, infrastructure services, and other works ➤ Coordination of the site and the agriculture located within the borders of the region and the necessary construction work for its implementation and change.

### DETAILED SCOPE OF WORK

- Plaza - Petra: It is a (tourist park) classified as a concrete bridge located to the left of the tourist road towards the Petra Visitors Center, with a total area approximately 1500 m<sup>2</sup>, it is a concrete slab erected on piers with a height up to 7 meters ➤ The height of the arch bridge is 11 meters from the ground and 13 meters from the excavation level.



## PROJECT GALLERY





## OTHER PROJECTS RELATED TO ROADS CONSTRUCTION AND ASPHALT PAVEMENT

Description	Client	Year	Budget USD
Reconstruction & upgrading of Azraq-Omary Highway – Sec. (1) JV Tender No.105/2013	Ministry Public Works and Housing	2009	USD 140,000,000
Al Salt Ring Road JV Tender No.90/2013	Ministry Public Works and Housing	2013	USD 37,000,000
Al-Abiad Road / North Orebody	JPMC	2013	USD 9,224,674
PBI-Aqaba International Industrial Estate	PBI Company	2011	USD 850,000
Roads Construction & Asphalt Pavements inside Al-Hasa, Abiad and Eshidiya mines	Jordanian Phosphate Mining Company	2010	USD 15,000,000
Earthworks of New Jordan Armed Forces & Royal Jordan Air Forces General Headquarters Complexes (Madouna - Amman - Jordan) Tender No. 107/2009	General Headquarters of the Jordan Armed Forces	2009	USD 2,100,000
Rehabilitation of the Tourist Street and Executing the Alternative Street /Petra	Petra Development and Tourism Region Authority	2009	USD 3,661,971
Roads Construction and Asphalt Pavement at Al- Hassa Mine (5 km) 15/4/2009	Jordanian Phosphate Company	2009	USD 2,500,000
Roads Construction & Earthworks Al- Mohamadieh Ma'an Aug/2008 Tender No. 69/2008	Ministry of Public Works	2008	USD 2,581,055
Roads Construction, Earthworks & Asphalt Pavement at the entrance from the Desert Road to Al-Abiad Mines (6.5 km) 5/6/2007	Jordanian Phosphate Mining Company	2007	USD 4,500,000
Services Road Construction and Earthworks inside AL- Abyed Mines (20 km) 15/2/2006	Jordanian Phosphate Mining Company	2006	USD 6,000,000
Roads Construction and Asphalt Pavements for landfill waste - Al Karak Tender No. 143/2003	Ministry of Public Works	2003	USD 4,642,500

Roads Construction and Asphalt Pavements Na'aur 9/8/2001 Tender No. N3/2001	Ministry of Municipal and Rural Affairs	2001	USD 5,413,100
Roads Construction and Asphalt Pavements Desert Road 17/8/2000 Tender No. 65/2000	Ministry of Public Works	2000	USD 2,649,500
Asphalt Pavement - Amman Roads 15/2/2000 Tender No. 32/2000	Amman Municipality	2000	USD 3,408,100
Construction the road of Hazardous waste landfill from Azrak to AL Jaffer 26/5/99 Tender No.18-99	Ministry of Public Works	1999	USD 6,648,500
Roads Construction and Asphalt Pavements to AL- Magtas (Jordan River) 12/12/1998 TenderNo.122/98	Ministry of Public Works	1998	USD 7,495,124
<b>Total Budget of Road Construction &amp; Asphalt USD =</b>			<b>253,674,524 \$</b>



## EQUIPMENT

Al Own owns and operates a fleet of specialized equipment for mining, earthworks and construction projects. A summary of the major fleet equipment is listed below:

- Excavators (40-300 Ton) CAT & KOMATSU
- Dump Trucks (25-100 Ton) CAT & MERCEDES
- Wheel Loaders sizes (5m<sup>3</sup> - 12m<sup>3</sup>) CAT & KOMATSU
- Drilling Rigs (Atlas Copco & CAT)
- Bulldozers D8 & D9 & D10 CAT
- Motor Graders CAT & KOMATSU
- Concrete Pumps & Mixers (PUTZMEISTER & LIEBHERR)
- Asphalt Machinery CAT & HAM & WIRTGEN
- Mobile Cranes GROVE & TEREX
- Ramming Machines
- Screens & Crushers (Fixed and Mobile Plants)
- Rollers, Scraper and Pavers
- Shipping and Transport Mechanisms
- Genset Generators All Sizes
- Fuel, Anfo, Water and Service Trucks
- Light Vehicles, Forklifts, Telehandlers & Tankers

## SERVICE & MAINTENANCE DEPARTMENTS

Our fully equipped and conveniently located workshop facilities provide a comprehensive range of mining and construction equipment repairs and maintenance services which are conducted both in house and on-site. Based in Al Abiad, Jordan, our workshops are renowned as one of the best in the country. Supervised and managed by qualified mining and construction plant engineers with a shared commitment to service excellence.

All component rebuilds are done to OEM standards and best practices, and our component repairs and rebuilds come with an OEM parts warranty. From our Al Abiad operation we have a full stocked warehouse where parts and components around (\$15 million) can be transported to any location in the world to support our operations.



## PROJECT GALERY



## KEY CLIENTS

- Ministry of Public Works and Housing
- Greater Amman Municipality
- The Jordanian Armed Forces
- Jordan Phosphate and Mining Company
- Water Authority of Jordan
- Maaden Phosphate Company MPC
- Ministry of Municipal and Rural Affairs
- Ministry of Energy and Mineral Resources

## SUPPLIERS AND PARTNERS



WIRTGEN

GROVE

