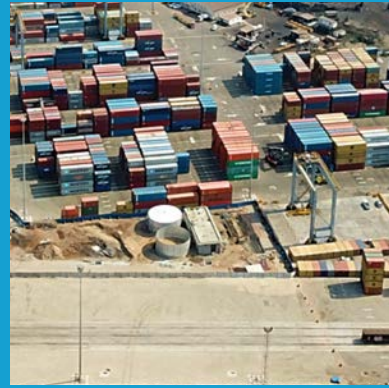




## Engineering Consultant Specialists



# Bower & Octant Engineering

Bower & Octant Engineering ("B&O") formerly ITD Consultancy ("ITD") is a specialized and experienced marine and civil engineering consultancy. As ITD, B&O can trace its pedigree back nearly 30 years, to Belgrade, the Capital City of the former Yugoslavia. In 1990 The founders of ITD broke away from "Enterprise for waterfront Ivan Milutinovic –PIM" – Belgrade, to establish ITD. Specializing in marine projects, ITD and now B&O as a sole entity or together with partners has been providing design, supervision procurement, construction, and project management, as contracted services for projects around the World.

Over the past three decades, B&O's project list includes marinas on the river Danube in Belgrade, ports in Dubai, the GCC and multiple marine and coastal infrastructure, geotechnical and building projects in other countries such as Oman, Jordan, Kuwait, Vietnam, Turkey, and Mozambique.

In 2005, as part of its expansion plans, ITD Belgrade opened a branch office in Fujairah, UAE and subsequently moved to DMCC Free Zone in Dubai, UAE in 2010.

Since 2010 ITD has been the trusted consultant of DP World, providing design, engineering and consultancy services on prestigious projects such as Port Rashid, Yarimca Port, Turkey, Jabal Ali Port (multiple projects) and Multistorey carparks etc.

In 2017 as a re-branding exercise and in order to expand its activities by becoming an onshore entity, ITD became Bower and Octant Engineering ("B&O"). Under this new onshore entity, B&O can undertake a wider range of services as described in this brochure.

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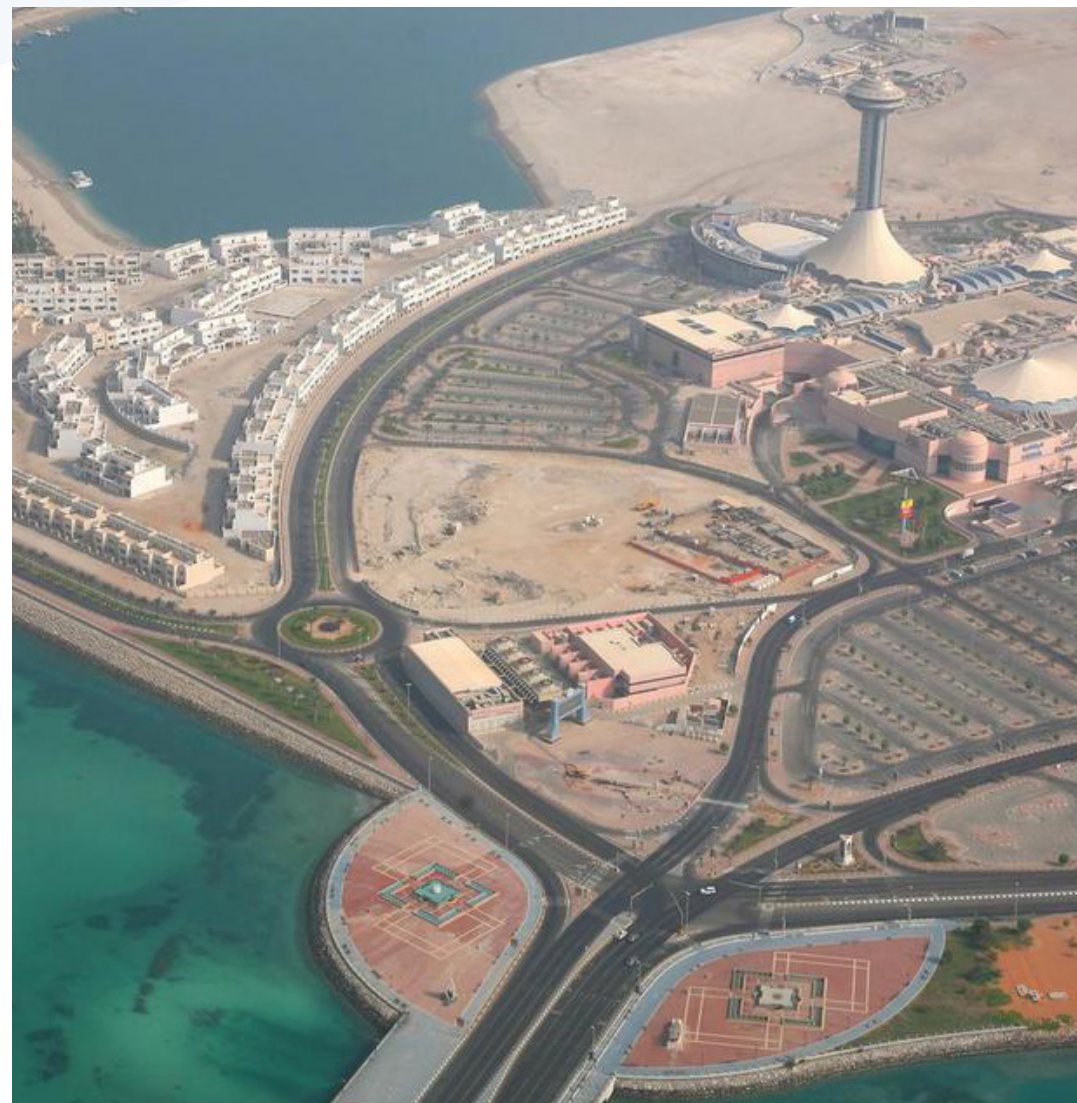


# BOWER & OCTANT

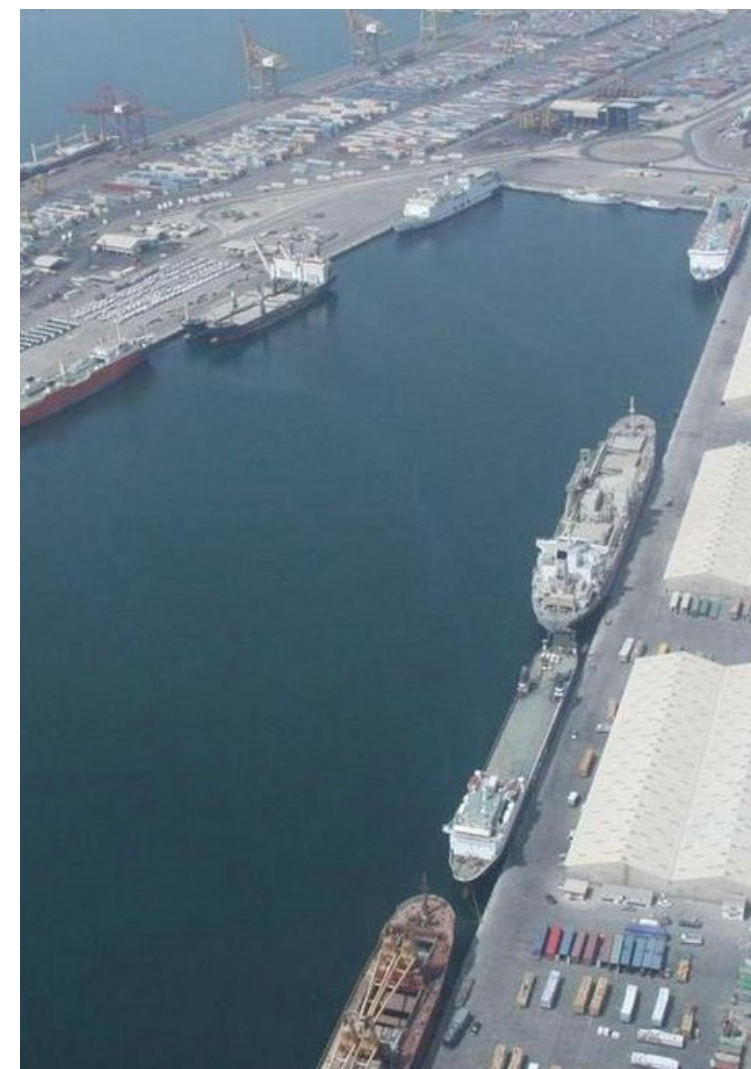
## What we do

Bower & Octant is a registered company in the Department of Economic Development of Dubai. We employ engineers (Engineers of Record) that are qualified by Dubai Municipality for the design of marine and other engineering structures.

B&O is therefore one of the few engineering companies in the region that is approved for local and international marine works.



B&O delivers the complete package, working closely with you, the client, throughout the preliminary concept to the final design stages, execution, commissioning and sign off by the relevant authorities.







# B&O's experienced international engineers, work together as a team.

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We deliver the following services:

- Harbors, Ports & Shipyards
- Quay Walls and Jetties
- Sea Defense Structures, Breakwaters
- Marina Development
- Pile Design
- Wave Modeling
- Geotechnical Evaluation Studies
- Hydrogeological Studies
- Dewatering design
- Roads & Pavement
- Highway Design
- Bridges and Tunnels
- Infrastructure Projects
- Building Projects
- Project Management
- Design Reviewing and Evaluation
- Advisory Services
- Quality Control
- Contract Administration
- Authorities Submittal and Approval



# Management team



## **Mirko Dimkovski**

BS Civil Engineering  
Managing Partner and CEO

Mirko is a proven commercially aware and technically skilled structural engineer, with vast experience in the Middle East having worked on a variety of prestigious high value projects on behalf of the employer, consultants and contractors. He fulfilled a number of roles including, but not limited to project director, resident engineer, client's representative, design engineer, and operations manager.

Mirko is member of Emirates Society of Engineers and he is Registered Engineer in Dubai Municipality for Design of Marine Engineering Structures



## **Ahmed Al Yammahi**

BS Civil Engineering  
Partner

Ahmed has over eighteen years' experience in the construction, civil and management roles. He has worked in house for Ministry of Infrastructure and Roads and Transport Authority covering all areas of engineering, architectural design, project and commercial management throughout the project lifecycle.

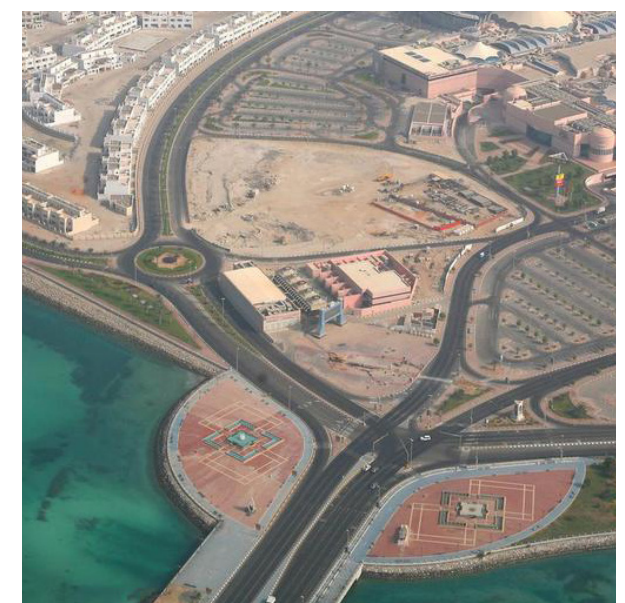
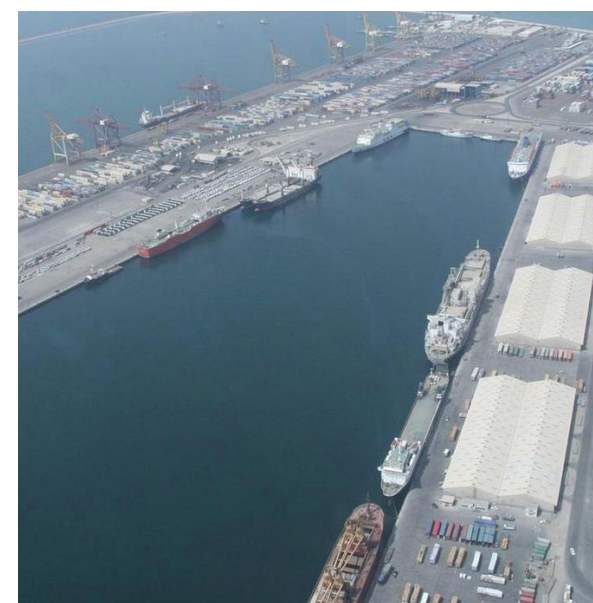
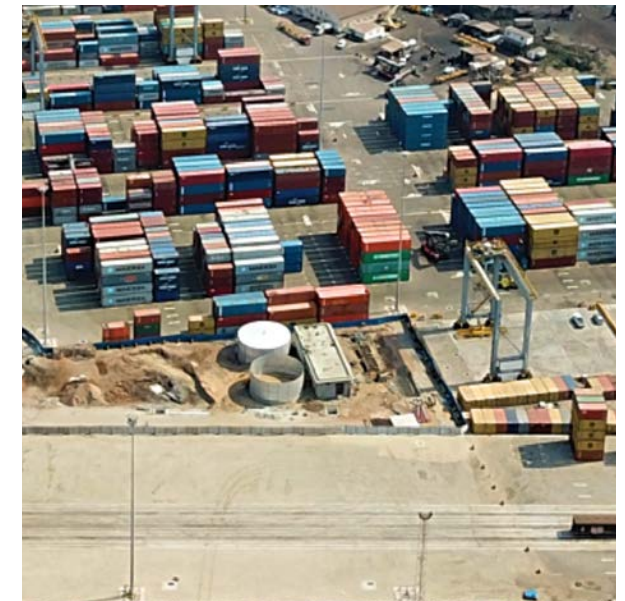
Ahmed has extensive experience on iconic projects throughout the UAE and in particular Dubai.

“ Our team is a combination of knowledge, energy and ambition ”



# Our major projects

We boast an impressive project list including marinas on the river Danube in Belgrade, ports in Dubai, the GCC and multiple marine, infrastructure, geotechnical and building projects in other countries such as Oman, Jordan, Kuwait, Vietnam, Turkey and Mozambique.







# Port Rashid Infrastructure Network

**Client**  
Shafa Al Nahdah Building Contracting

- Scope**
- Quantification of construction Cost of Infrastructure Network
  - Roads
  - Drainage
  - Lighting





# Junior Staff Accommodation in JAFZA South



## Client

Jabel Ali Free Zones Enterprises

## Scope

Supervision of construction of thirteen ten floor high buildings with infrastructure.

B&O is acting as a client representative on this mega project in Dubai, UAE.

- Project Management and Supervision
- Design Review
- Contract Administration





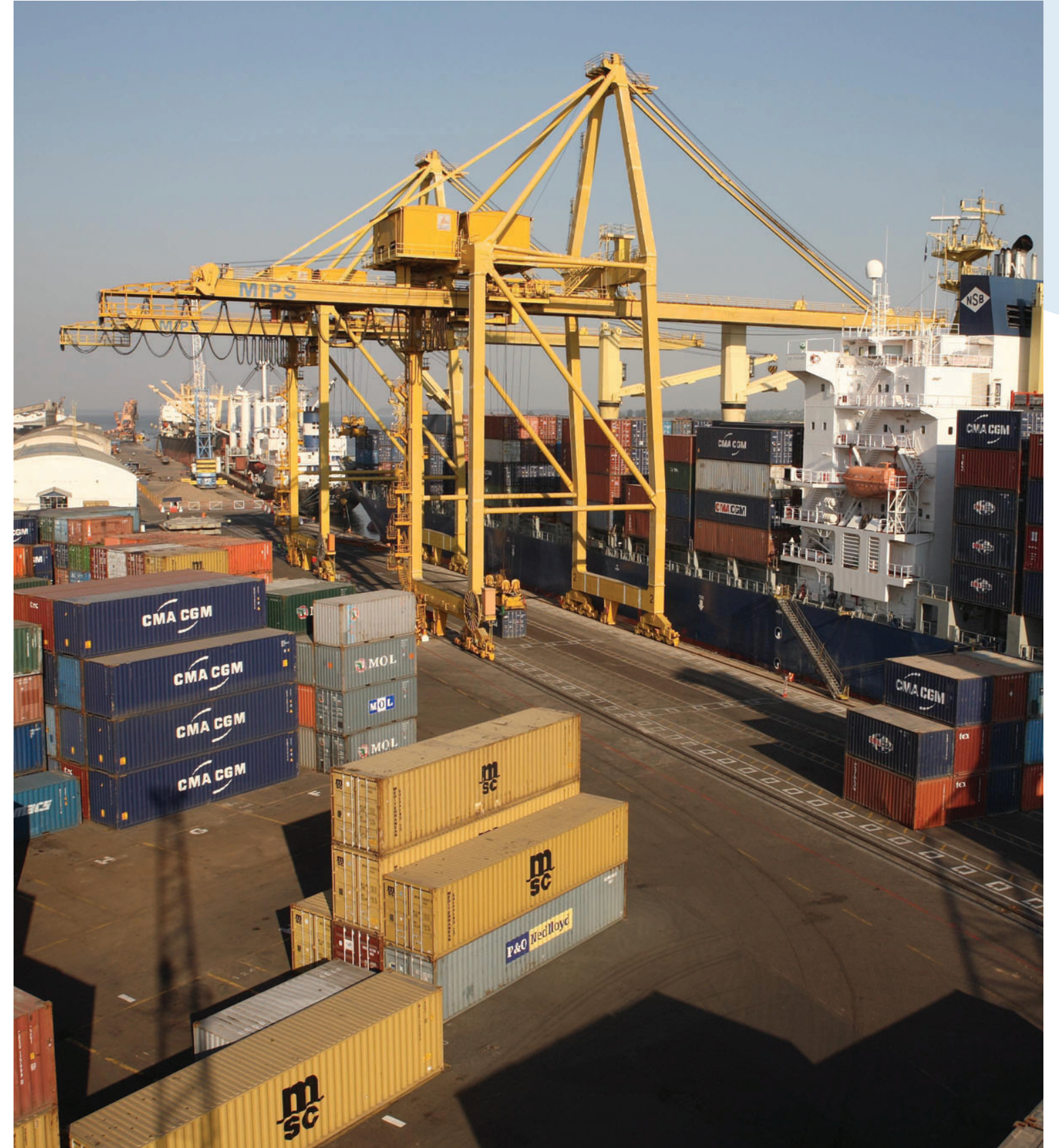
# Maputo Intermodal Container Terminal, Mozambique

## Client

DP World

## Scope

- Review of Heavy Duty Pavement Design
- Alternative Design of Heavy Duty Pavement





# Feasibility Study of the Port of Novi Sad, Serbia

## Client

P&O Ports

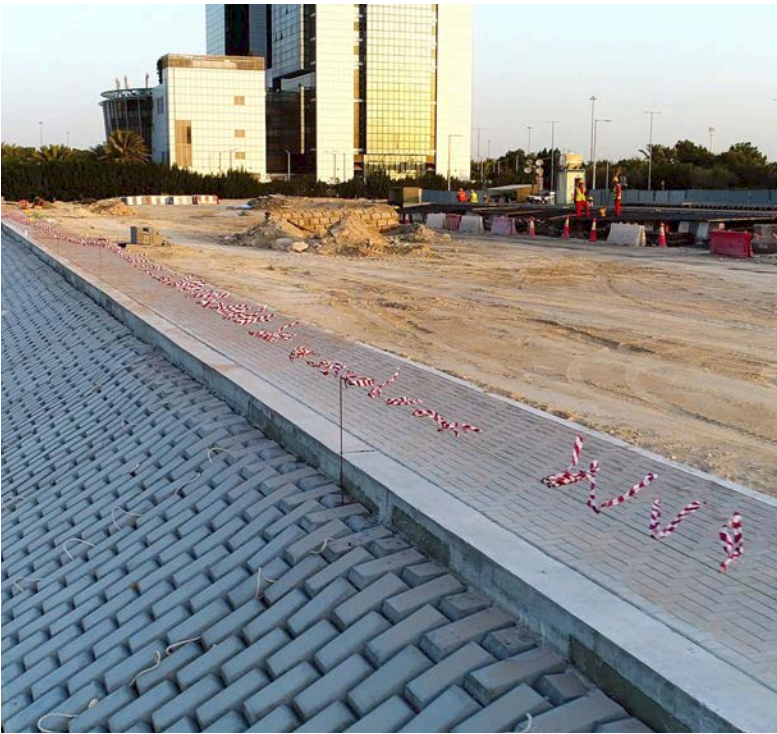
## Scope

B&O team of experts has evaluated current condition of the Port of Novi Sad.

- On site port inspection
- Determining tests to be taken in order to evaluate structural stability
- Port Expansion recommendation
- Feasibility study reporting







Client  
Musnada

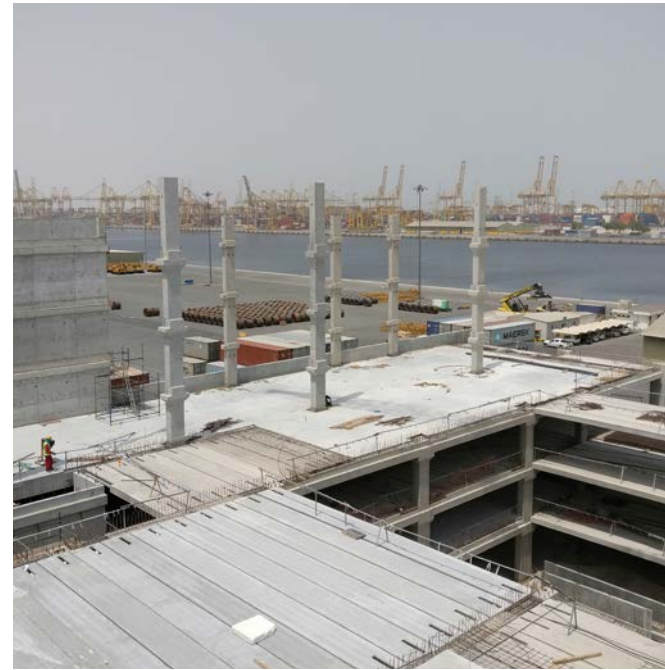
Scope

- Project Management
- Detailed Design
  - Structural Calculation
  - Contract Documentation
  - Contract Administration



# Revetment at Al Maqtaa Channel Area in Abu Dhabi





# Multi Level Car Storage Facility - For general cargo - Jebel Ali Port Dubai

## Client

DP World

## Scope

- Project Management and Supervision on behalf of the Client
- Managing and Leading of the Project
- Contract Administration
- Design Review



# Yarimca Container Terminal, Istanbul

## Client

DP World

## Scope

- Review of Design done by others
- Proposal of alternative design.





# Reinstating Port Rashid

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Client  
DP World

## Scope

Quay Walls, Revetments, Abutments, Dredging

Main Consultant

- Detailed Design of Quay Walls and Revet-ments
- Supervision of Construction





# Engineering Consultant Specialists



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