

Ali DUMAN, MSc.

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SUMMARY OF QUALIFICATIONS

- More than 15 years experience in construction of civil&marine structures with multinational teams.
- 13 years for the construction of shipyard area, container terminals, refinery marine terminal, cruise port and many port construction&development projects. 2 years for 4th longest suspension bridge project.

PROFESSIONAL EXPERIENCE

Investment Manager – Additional Shipyard Area

2020 - Present

HAT-SAN Shipyard, Yalova/Altinova, Turkey

New pier, jetty, slipway structures, soil improvement, dredging, hydraulic filling works. Shipyard superstructure works; workshops, buildings etc. Floating dock, deep dredging, reinforced concrete keel and anchoring blocks construction.

- Management of shipyard investment works and related subcontractors according to works schedule, budget and identifying milestones.
- Doing site inspections of all type of marine structures with shipyard investment team.
- Preparing cost analysis, budget and work schedules according to shipyard dynamic works orders.
- Preparing subcontractor contracts.
- Supporting shipyard investment and port planning works at Jamaica (GSRJ Shipyard).
- Management of investment works according to shipyard HSE, QA&QC and Management Information Systems over ERP software.

Design Chief – Galataport (Salıpazarı Cruise Port) Project

2015 - 2020

Doğuş Construction and Trade Inc., Istanbul/Karaköy, Turkey

Steel pile supported pier&combi-wall structure. Soil improvement applications; jet grouting, nearshore vibroflotation&stone column (vibro-displacement) against to liquefaction in front of pier. Hydraulic filling, demolition of old pier works. Sea water intake-discharge system construction. Dredging works. (Procurement, Construction)

- Doing required technical calculations and preparing report, drawings related with port construction works, preparing method statements.
- Doing coordination between designer&contractor&site, attending weekly meetings and doing presentations to contractor. Preparing official technical letters to contractor by using “Aconex” Project Management software in parallel with milestones.
- Supporting claim works, preparing related calculations and documents, change orders. Preparing cost analysis for additional works Supporting budget and schedule revision works, preparing related calculations and documents.
- Preparing basic schedule and cost analysis for upcoming projects during proposal stage.
- Supporting new project development, management, proposal and tender works, preparing contract drafts.

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Marine Works Design Coordinator – Aegean Refinery Marine Terminal Project

2015 (9 Months)

Doğuş Construction and Trade Inc., Izmir/Aliaga, Turkey

The refinery marine terminal consist of three jetties and reclaimed areas. Three nos of piles supported jetties, reclamation, dredging and soil improvement works. (Engineering, Procurement, Construction.)

- Doing the design/technical coordination with contractor&design/engineering company of the refinery marine terminal and the subcontractors that responsible for construction works.
- Doing weekly presentations to contractor.
- Providing oral and written communication and coordination between teams.
- Management of engineering deliverables list according to schedule and contractor&construction site priorities.
- Supporting change order works.

2013 - 2015

Design Engineer – Osmangazi Suspension Bridge Project

IHI Infrastructure Systems Co. Ltd., Kocaeli/Turkey

World 4th longest suspension bridge project. Anchorage and revetment structures. Inclusion piles under caisson tower foundations, underwater piling, dredging, gravel bedding, levelling works. Huge caisson bridge foundations. Post tensioning and offshore heavy lifting works.

- Checking of design drawings, reports, technical specifications, method statements and technical queries for substructure and related superstructure works.
- Doing design&technical coordination between designer&contractor&site in parallel with milestones.
- Management of engineering deliverables list according to schedule and contractor&construction site priorities
- Supporting design document control department.

Site Engineer/Construction Manager

2008 - 2013

Dalsan Port Construction Industry Trading Co. Ltd.

Gravity based port construction works via caisson, L(retained) wall, T walls for Tuzla Dalsan Shipyard Port (Istanbul) and Akport Container Terminal (Tekirdag) Projects. Dredging, underwater filling and levelling works of many port construction projects in Turkey.

- Control and management of construction works (substructure&superstructure) according to works schedule, budget, drawings, QA&QC rules and technical specifications in parallel with milestones.
- Managing of floating equipments; split barges, floating docks, floating cranes, dredgers etc. related with port construction works.
- Managing of towing, launching and installation works of caissons, nearshore&offshore L wall heavy lifting operations.
- Management of Tuzla Shipyard area investment works and related subcontractors.
- Preparing progress payment reports.
- Meeting up with potential clients for Tuzla Dalsan Shipyard Area and doing presentations to them.
- Doing site inspections of all type of marine structures.

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EDUCATION

PhD. Shipbuilding&Ocean Engineering (courses finished, thesis phase) Istanbul Technical University Thesis Subject: Total Safety Management for RC Floatable Offshore Wind Turbines	2020-
MSc. Offshore Engineering, (4 courses finished, transferred to Ocean Eng. PhD. Programme) Istanbul Technical University	2019
MSc. Earthquake&Structural Engineering, Civil Engineering Gebze Technical University Thesis Subject: Performance Based Design of Prestressed Concrete Spun Pile Supported Marine Jetty	2014
BSc. Civil Engineering,	2009

CERTIFICATES

Tsunamis and Storm Surges: Introduction to Coastal Disasters – 2018
(WasedaUniversity/Japan_Online course over EDX Platform)

Advanced Certificate of Dredging Studies (online course) - 2017
Online course regarding dredging methods, equipments, environmental and safety issues.

PUBLICATIONS

Performance Based Design of Prestressed Concrete Spun Pile Supported Marine Jetty
8.Coastal Engineering Symposium/ Turkish Chamber Of Civil Engineers · Nov 1, 2014

REFERENCES

Available Upon Request