

**Miguel Arestegui**  
**MSc. in Project Management NTNU**  
**Project Management Professional PMP®**  
**Construction Engineer**

**Summary**

I am a project management professional, with an extensive experience in the development of capital projects for different industries, across all the project phases; from initial studies and planning activities to project execution and close-out. I am construction engineer and I have recently finished a Master of Science in Engineering & Project Management at the Norwegian University of Science and Technology (NTNU). Additionally to my education, I hold a certification as project management professional (PMP)®, which provides me a deep understanding of project management processes and tools, and their integration during the entire project lifecycle. As project management professional, I am primarily focused on areas related to risk, cost, and procurement management.

**Education**

**Norwegian University of Science and Technology (NTNU), Norway** **August 2012 – July 2014**

- Master of Science in Project Management, NTNU - Norway.
- Specialisation: Construction Project Management, Institute of Civil & Construction Engineering.
- Master Thesis: “Cost Estimation for Undersea Tunnel Projects, based on Uncertainty and Risk Analysis”, final grade A.
- Average Grade: B.

**Basil Patterson College, Scotland - United Kingdom** **September 2011 – December 2011**

- Intermediate and Advanced English Course
- IELTS Preparation Course and Certification

**Pontificia Universidad Católica de Valparaíso (PUCV), Chile** **March 1998 – December 2002**

- Bachelor Degree Construction Engineering, Faculty of Civil Engineering (five year program)
- Thesis: Design & Cost Evaluation of a Solid Waste Management Program
- Ranking: 8 out of 57 graduates.

**Work Experience**

**BHP Billiton Chile, LSD Project (Execution Phase)** **April 2012 – August 2012**  
***Category Management Superintendent***

- To lead the category management processes, during the execution phase of the LSD Project, in cooperation with the EPC+CM Contractor (Bechtel). This implies the participation in processes related to pre-qualification and selection of suppliers, as well as assist the contract formation, tendering and awarding processes for all the project categories.
- To assist the EPC+CM Contractor in the contract administration, according to the owner policies, procedures and standards. This implies management and communication with large project suppliers, such as: Bechtel, Siemens, ABB, and Metso among others. To assist the EPC+CM Contractor in the execution of contract and supply risk management, in agreement with the internal policies of the owner.
- To represent the project owner during the execution of the prime contract with the EPC+CM Contractor, being focused on change and payment management for the prime EPC+CM Agreement.

**BHP Billiton Chile, EOA Project (Execution Phase)** **Mars 2011 – August 2011**

***Supply Superintendent***

- To control and follow-up the project supply strategy, during the execution phase of the EOA Project, in cooperation with the EPCM Contractor (Fluor Engineering), ensuring a timely and efficient management for all the supply categories required by the project.
- To assist the EPCM Contractor in the contract administration during the execution phase, according to the owner policies, procedures and standards. This implies the management and communication of large project suppliers, such as: Fluor Engineering, Siemens, ABB, and Takraf among others. To assist the EPCM Contractor in the execution of contract and supply risk management, in agreement with the internal policies of the owner.
- To represent the owner during the execution of the prime contract with the EPCM Contractor.
- To collaborate in the project interfaces management, especially with technical areas, such as engineering, construction, commissioning, other management functions, as well as, other internal and external project stakeholders.

**BHP Billiton Chile, EOA Project (Selection & Definition Phase)  
2011**

**April 2010 – Mars**

***Contract Superintendent***

- To develop the contract strategy for the execution phase in cooperation with the EP Contractor (Fluor Engineering). Responsible for the supply management for all the categories required for the project execution. This implies the participation in all the processes related to pre-qualification and selection of suppliers, as well as assist the contract formation, tendering, and award for all the project categories.
- To lead the design and execution of the early contract risk management, including insurance management and other mitigation plans.
- Collaboration during the preparation and negotiation of the prime contract (EPCM).
- To assist the EP Contractor in the contract management for all the contracts required during the Selection and Definition Phases.
- To collaborate in the project interfaces management, especially with technical areas, such as engineering, construction, commissioning, other management functions, as well as, other internal and external project stakeholders.

**BHP Billiton Chile, Spence Phase III (Execution Phase)  
2010**

**December 2007 – April**

***Senior Contract and Purchase Engineer***

- To manage and follow-up the project contract strategy, during the project execution phase.
- To execute the supply management process for all the categories required by the project, this implies pre-qualification and selection of suppliers and contractors, as well as contract formation, tendering and award processes for all the categories required for the project.
- To execute the administration and change management of construction contracts and major purchase orders regarding the project execution.
- To collaborate in the execution and follow up of contract and supply risk management.
- Contract management, including creation, invoices, payment, and closeout processes in SAP.
- To collaborate in the project interfaces management, especially with technical areas, such as engineering, construction, commissioning, other management functions (project control and risk management), as well as internal and external stakeholders.

**VTR Chile Engineering  
2007**

**March 2005 – November**

***Civil Projects, Project Lead Engineer***

- To manage the whole development of civil projects required for the external plant programs. This implies the management and administration of consultancy contracts (engineering and design), as well as construction contracts (project execution).

- To execute the administration and change management of construction and engineering contracts regarding the civil deliverables and work packages.
- Contract management, including creation, invoice, payment, and closeout processes in Oracle.
- Responsible for the project control, including budget and schedule management for all the civil deliverables and work packages.

**VTR Chile Engineering  
2005**

**April 2004 – March**

***Civil Engineering, Project Coordinator***

- To lead the civil and structural engineering disciplines for all the projects regarding the external plant development.
- Project control (schedule and budget) for all the contracts related to the civil and structural disciplines (engineering consultants).
- Contract management, including payment process, for all the consultant contracts related to the civil and structural disciplines.

**AQUAMET Shipyard  
2004**

**April 2003 – March**

***Project Engineer***

- Revision of the main deliverables related to the structural discipline, especially those regarding reinforced concrete and steel structures (drawings, calculation sheets, technical specifications).
- Responsible for the quality control of all the activities performed in the field, being the accountable for its execution according to the engineering and technical specifications of the project.
- Cost and schedule control for the contracts related to civil works.
- Contract management, including payment process, for all the consultant and contractors involved the execution of civil works, considering engineering, construction and other services.

**Languages**

- Norwegian, Basic Level (Norwegian Courses at NTNU, Level 1 and 2 approved)
- English, Advanced (IELTS Academic Certificate 6.5 / 10)
- Spanish, Native Speaker
- Portuguese, Basic

**PM Methods, Softwares and Systems**

- Knowledge of different PM standards and methods, such as PMI, APM and Prince2.
- MS Office, Advanced
- MS Project Planner, Intermediate
- SAP (ERP System) Supply Module, Intermediate
- @Risk and Decision Tools, Intermediate
- Cristal Ball Oracle, Basic
- Primavera Project Planner (P.6), Basic
- PRISM Cost Control and Contract Management Modules, Intermediate

**Certifications and Courses**

- Project Management Professional (PMI-PMP).

**Affiliations and Memberships**

- Project Management Institute (PMI)
- Volunteer fire fighter at Valparaiso Fire Department, 10<sup>th</sup> Battalion “Fire & Rescue”.