

**RULES AND REGULATIONS OF REGULATORY
AUTHORITIES AND EFFECTS ON FOREIGN FUNDED
PORT CONSTRUCTION PROJECTS IN SRI LANKA**

**Project Management Guidelines to Client's Project Manager
(Sri Lankan Overview)**



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Construction Project Management

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Department of Civil Engineering
University of Moratuwa**

February 2013

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By

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The Dissertation was submitted to the Department of Civil Engineering of the University of Moratuwa in partial fulfilment of the requirement for the Degree of Master of Science in Construction Project Management.

Department of Civil Engineering
University of Moratuwa
Sri Lanka

February 2013

Declaration

I hereby declare that the research dissertation entitled “Rules and Regulations of Regulatory Authorities and Effects on Foreign Funded Port Construction Projects in Sri Lanka” submitted in partial fulfilment of the requirement for MSc CPM, is my own work and that to the best of my knowledge and belief, it contains neither materials previously published nor written by another person, nor material, which to a substantial extent has been accepted for the award of any other degree or diploma of an university or other institute of higher studies, except where an acknowledgement is made in the text.

.....

Gonaduwege B.P.

Date: 02nd February 2013



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This is to certify that this thesis submitted by B.P. Gonaduwege is a record of the candidate's own work carried out by him under my supervision. The matter embodied in this thesis is original and has not been submitted for the award of any other degree.

.....

Research Supervisor

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Sri Lanka

Date: 02nd February 2013

Abstract

Fundamental purposes of this study are to prerequisite the possible Project Management Issues for Foreign Funded Port Construction Projects in Sri Lanka. This is very vital in this era, as the development plan of the country is mooted on Ports and Aviation Industry. It is bloom for the country, though it is initiated at these later stages. This construction boom is very essential for enhancing the economy and valuable investment for future generation as well. Therefore, it is the responsibility of the experts in the field to prepare the country to accept the new challenges and to produce successful output for the development. Literatures directly related for this research topic were not found for reference. Therefore, this topic was selected in this study. This exercise is focused in identifying the project management issues arising in ongoing main Port Construction Projects in Sri Lanka and to evaluate their impacts and findings, in order to use as guidance in future Port Construction Projects.

The research is focused in identifying the prevailing rules and regulations in the country and their effects on the port construction projects. In this study, it is concentrated only on the technically based regulatory authorities and their rules and regulations. The data collections of this research were twofold, primary survey and secondary survey. The primary survey consisted of a questionnaire survey and interviews. The secondary survey was conducted through an extensive literature survey.

The target group for the study were clients, consultants, contractors, professionals from regulatory authorities and experts in the field. Only the technical base experts such as engineers, engineering managers, consulting engineers, technical base professionals in the regulatory authorities and so on were consulted and interviewed for the questionnaire surveys and interview surveys. Total of Ninety Three (93) professionals responded to the questionnaire and interview surveys.

The relative important index method was adopted to rank the Project Management Effects. Time Overrun, Cost Overrun, Disputes, and Negotiations are the identified Project Management Effects according to the priority. By analysing the information obtained, “Rules and Regulations of Regulatory Authorities and effects on Foreign Funded Port Construction Projects in Sri Lanka” were identified and documented as a guideline to Clients as Project Managers.

Key words: *Rules and Regulations, Regulatory Authorities, Sri Lanka, Foreign Funded Port Projects, Port Construction, Project Management Guide Line*

Dedication

“This dissertation report is dedicated to

my beloved parents, my wife and my children

University of Moratuwa, Sri Lanka.



for their endless patience, support, and encouragement

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given throughout my life in every success and loss.”

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Bimal Prabhath Gonaduwa

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Abbreviations

| | |
|--------------|--|
| AD | Department of Archaeology |
| AIA | Archaeological Impact Assessment |
| CCD | Coast Conservation Department |
| CEA | Central Environmental Authority |
| CFHC | Ceylon Fishery Harbours Corporation (CFHC) |
| CPEP | Colombo Port Expansion Project |
| DS | District Secretariats |
| DWLC | Department of Wild Life Conservation |
| EIA | Environmental Impact Assessment |
| FD | Department of Forest Conservation |
| FI | Frequency Index |
| GA | Government Agent |
| GSMB | Geological Surveys and Mines Bureau |
| HPDP | Hambanthota Port Development Project |
| IEE | Initial Environmental Examination |
| IS | Interview Survey |
| MFARD | Ministry of Fisheries and Aquatic Resource Development |
| OPDP | Oluvil Port Development Project |
| PM | Project Management |
| QS | Questionnaire Survey |
| RA | Regulatory Authorities |
| RDA | Road Development Authority |
| RII | Relative Importance Index |
| RR | Rules and Regulations |
| SI | Severity Index |
| SLPA | Sri Lanka Ports Authority |
| 3C | Client, Consultant, and Contractor |



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