

Contents

PREFACE.....	1
Letter of Transmittal	2
Summary.....	3
Contents	13
List of Figures and Tables	17
Abbreviations	18
Chapter 1 Background and development of the project.....	19
1-1 Present sector issues.....	19
1-1-1 Present conditions and issues	19
1-1-3 Socio-economic environment	20
1-2 Background, development, and outline of the grant aid request.....	20
1-3 Condition of project site and surrounding area.....	21
1-3-2 Natural conditions	22
1-3-3 Consideration to the environment.....	24
Chapter 2 Contents of the Project	25
2-1 Basic Concept of the Project	25
2-2 Basic Design of the Requested Japanese Assistance	26
2-2-1 Design Policy	26
2-2-2 Basic Plan (Construction Plan/Equipment Plan)	31
2-2-2-1 Facility Plan at Tan Cang Cat Lai Port.....	32
2-2-2-2 Facility Plan at Hai Phong.....	34
2-2-2-3 Layout Plan.....	35
2-2-2-4 Local Conditions of Hai Phong Project Site	37
2-2-3 Basic Design Drawings	40
2-2-4 Implementation Plan	41
2-2-4-1 Implementation Policy	41
2-2-4-2 Construction/Procurement Conditions	41
2-2-4-3 Scope of Works	42
2-2-4-4 Consultant Supervision.....	42

2-2-4-5 Quality Control Plan.....	43
2-2-4-6 Procurement Plan.....	44
2-2-4-7 Transport	44
2-2-4-8 Initial Operation Training and Maintenance Guidance Scheme	44
2-2-4-9 Equipment installation and operation training	45
2-2-4-10 Implementing Schedule	45
2-3 Obligations of Recipient Country	47
 2-3-1 Obligations of the Government of Vietnam	47
 2-3-2 Undertakings by the recipient country	47
 2-3-3 Cost to be borne by the Government of Vietnam	48
 2-3-4 Implementation Capabilities of the Government of Vietnam	49
 2-3-4-1 General Evaluation	49
 2-3-4-2 Implementation structure of the Government of Vietnam.....	49
 2-3-4-3 Status of Operation and Maintenance regime	49
 2-3-4-4 Operation and Maintenance cost for the project	50
 2-3-4-5 Technical levels for maintenance	50
2-4 Project Operation Plan.....	51
 2-4-1 Basic Principle for Management and Operation	51
 2-4-2 Features of Equipment and Plant	51
2-5 Project Cost Estimation	52
 2-5-1 Cost to be born by the Government of Vietnam.....	52
 2-5-2 Operation and Maintenance Cost	52
2-6 Point to consider on implementation of the project.....	53
Chapter 3 Project Evaluation and Recommendations.....	54
 3-1 Project Benefit.....	54
 3-2 Recommendations.....	55
Appendices.....	56