

CONTENTS

PREFACE	
LETTER OF TRANSMITTAL	
SUMMARY	
CONTENTS	
LOCATION MAP	
PERSPECTIVE	
LIST OF FIGURES AND TABLES	
ABBREVIATIONS	

	Page
CHAPTER 1 BACKGROUND OF THE PROJECT	1-1
CHAPTER 2 CONTENTS OF THE PROJECT	
2-1 Basic Concept of the Project	2-1
2-2 Basic Design of the Requested Japanese Assistance	
2-2-1 Design Policy	
2-2-1-1 Basic Policy	2-3
2-2-1-2 Policy for Natural Condition	2-8
2-2-1-3 Policy for Environmental and	2-9
Socio-Economic Arrangements	
2-2-1-4 Policy for Local Contractors/Products	2-10
2-2-1-1 Policy for Grade of Facilities and Equipment	2-10
2-2-2 Basic Plan	
2-2-2-1 Water Source Planning	2-11
2-2-2-2 Water Supply Planning	2-30
2-2-2-3 Facility Planning	2-43
2-2-2-4 Procurement Plan of Equipment	2-72
for Operation and Maintenance	
2-2-3 Basic Design Drawing	2-73
2-2-4 Implementation Plan	
2-2-4-1 Implementation Policy	2-79
2-2-4-2 Implementation Condition	2-81
2-2-4-3 Scope of Works	2-83
2-2-4-4 Consultant Supervision	2-85
2-2-4-5 Quality Control Plan	2-86
2-2-4-6 Procurement Plan	2-88
2-2-4-7 Initial Operation Guidance Plan	2-93
2-2-4-8 Implementation Schedule	2-93
2-3 Obligations of Recipient Country	2-96
2-4 Project Operation Plan	2-98
2-5 Project Cost Estimation	
2-5-1 Cost to be borne by the Pakistani Side	2-104
2-5-2 Conditions for Estimation	2-104
2-5-3 Operation and Maintenance Cost	2-105
2-6 Issues for Consideration on Project Implementation	2-109

CHAPTER 3 PROJECT EVALUATION AND RECOMMENDATIONS

3-1	Project Effects	3-1
3-2	Recommendations	3-4
3-3	Project Feasibility	3-6
3-4	Conclusion	3-8

APPENDICES

APPENDIX 1	Member List of the Study Team	
	1-1 Implementing Review Study	A-1
	1-2 Implementing Review Study	A-1
	(Draft Report Explanation Team)	
	<Reference>	
	Member List of 2nd Basic Design Study	
	Phase 1	A-2
	Phase 2	A-2
	Draft Final Report Explanation Team	A-2
APPENDIX 2	Study Schedule	A-2
	2-1 Implementing Review Study	A-3
	2-2 Implementing Review Study	A-3
	(Draft Report Explanation Team)	
	<Reference>	
	Study Schedule of 2nd Basic Design Study	
	Phase 1	A-4
	Phase 2	A-5
	Draft Final Report Explanation Team	A-6
APPENDIX 3	List of Participants Concerned in the Recipient Country	A-7
	(Implementing Review Study)	
	<Reference>	
	List of Participants Concerned in the Recipient Country	A-8
	(2nd Basic Design Study)	
APPENDIX 4	Minutes of Discussions	
	4-1 Minutes of Discussions	A-10
	on the Implementing Review Study	
	4-2 Minutes of Discussions	A-17
	on the Implementing Review Study	
	(Explanation of Draft Final Report)	
	<Reference>	
	Minutes of Discussions on 2nd Basic Design Study	A-23
	(Phase 1)	
	Minutes of Discussions on 2nd Basic Design Study	A-33
	(Phase 1)	
	Minutes of Discussions on 2nd Basic Design Study	A-42
	(Explanation of Draft Final Report)	
APPENDIX 5	Other Relevant Data/ Information	A-54