



BAPPENAS

**REVISED
LIST OF PLANNED PRIORITY
EXTERNAL LOANS (DRPPLN)
2018**

**MINISTRY OF NATIONAL DEVELOPMENT PLANNING/
NATIONAL DEVELOPMENT PLANNING AGENCY**



REPUBLIC OF INDONESIA

**REVISED
LIST OF PLANNED PRIORITY
EXTERNAL LOANS (DRPPLN)
2018**

Ministry of National Development Planning/
National Development Planning Agency

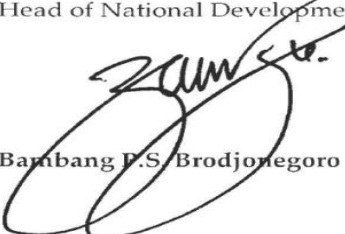
- 2018 -

Foreword

The List of Planned Priority External Loans (DRPPLN) is compiled on the basis of Government Regulation Number 10/2011, on Procedure for the Procurement of External Loans and Grants, and on the Decree of the Minister of National Development Planning/Head of the National Development Planning Agency Number 4/2011, on Procedure for Planning, Proposing, Assessing, Monitoring, and Evaluation of Projects Financed by External Loans and Grants. In accordance with that regulation, the DRPPLN is a document that contains proposals of projects from Ministries/Agencies, Local Governments and State-Owned Enterprises (SOEs) that are already stated in the DRPLN-JM (List of Medium-Term Planned External Loans), for which their readiness has been enhanced and have already met most of the readiness criteria, and have already obtained the indication of funding source from the prospective lenders.

The DRPPLN 2016 has been issued based on proposed projects that are stated in the DRPLN-JM of 2015-2019. Through the Decree of the Minister of the National Development Planning/Head of the National Development Planning Agency Number KEP.25/M.PPN/HK/03/2016. However, there are several projects listed in the revision of the DRPLN-JM that will be implemented in early fiscal year of 2017, so it needs to be included in the DRPPLN of 2016. In this relation, the Revised DRPPLN 2016 is issued through the Decree of the Minister of National Development Planning/Head of the National Development Planning Agency Number KEP.63/M.PPN/HK//2016. On the basis of this Decree, the Revised DRPPLN 2016 contains a total of 8 projects. The total amount of the loans in the Revised DRPPLN 2016 is USD 1,689.8 million for Ministry of Public Works and Housing and Indonesia Infrastructure Finance Company. With the issuance of the Revised DRPPLN 2016, it is expected that Ministries that have their proposed projects listed in Revised DRPPLN 2016 to enhance the readiness of those projects and carry out the follow-up steps as the basis for compiling their respective work plans, as executing agencies. For Development Partners, this Revised DRPPLN 2016 can be used as reference in taking follow-up steps in their cooperation plan with the Government of Indonesia.

Minister for National Development Planning/
Head of National Development Planning Agency,



Bambang P.S. Brodjonegoro

List of Contents

Chapter 1	i
1. Introduction.....	i
2. Recapitulation and List of Projects in the DRPPLN 2018	ii
Chapter 2 Project Digests	ix
Kementerian Pekerjaan Umum dan Perumahan Rakyat/Ministry of Public Works and Housing	12
Direktorat Jenderal Bina Marga/Directorate General of Highways	14
1. Development of New Tunnels Alignment in Payakumbuh--Pangkalan Toll Road Section II Phase I.....	16
Direktorat Jenderal Cipta Karya/Directorate General of Human Settlements	18
2. Regency Settlement Infrastructure Development (RSID)	20
3. Development of National Urban Development Program (NUDP)	23
4. Jakarta Sewerage Development Project Zone 6 (Phase I)	27
5. Jakarta Sewerage Development Project Zone 1.....	29
6. Sustainable Urban Development in Indonesia (Eco District).....	31
7. Improvement of Solid Waste Management to Support Regional and Metropolitan Cities	34
Direktorat Jenderal Sumber Daya Air/Directorate General of Water Resources	37
8. The Urgent Rehabilitation of Strategic Irrigation for Western Region of Indonesia	39
9. Engineering Service for Coastal and River Development Project	41
10. Engineering Service for Dam Multipurpose Development Project	43
11. Urban Flood Control System Improvement in Selected Cities Phase II	45
12. Karian Dam-Serpong Water Conveyance System	47
13. Pelosika Multipurpose Dam Construction Project	49
14. Jenelata Dam Construction Project	51
15. Lompatan Harimau Dam Construction Project (Rokan Kiri Dam Construction Project)	53
16. Riam Kiwa Multipurpose Dam Construction Project	55
Kementerian Perhubungan/ Ministry of Transportation	58
17. Construction of Jakarta Mass Rapid Transit (MRT) North-South Line Project (Phase 2).....	60
Kementerian Kesehatan/Ministry of Health	64
18. Indonesia-Supporting Primary and Referral Healthcare Reform (I-SPHERE)	66
19. Improvement of Facilities and Infrastructure for Teaching and Learning Activities in Health Sector	71
Kementerian PPN/Bappenas/Ministry of National Development Planning/ National Development Agency	74
20. Human Resources Development for Bureaucratic Reform/ Strengthening Management of Apparatus Talents (SMART)	76
Kementerian Pertahanan/ Ministry of Defense	78
21. Upgrading Medical Equipments for Naval Hospital Wahyu Slamet Bitung – North Sulawesi.....	80
22. Upgrading Medical Equipment and Supporting Facilities for Army Hospital Pelamonia.....	82
23. Procurement of Medical Equipment and Supporting Facilities for Army Hospital Putri Hijau	84
24. Upgrading Medical Equipment and Supporting Facilities for Army Hospital Udayana	86
25. Upgrading Medical Equipment for Air Force Hospital Dody Sarjoto – Makassar	88
26. Upgrading Medical Equipments for Army Hospital of Gatot Subroto	90

<i>Kementerian ATR/BPN/ Ministry of Agrarian and Spatial Planning/ National Land Agency</i>	92
27. Program to Accelerate Agrarian Reform	94
<i>Kementerian Riset, Teknologi, dan Perguruan Tinggi/Ministry of Research, Technology, and Higher Education</i>	98
28. The Advanced Knowledge and Skills for Sustainable Development Project (AKSI)	100
29. Development and Upgrading of the State University of Jakarta - Phase 2	103
30. Establishment of University of Bengkulu's Hospital	106
<i>Kementerian Agama/Ministry of Religious Affairs</i>	109
31. The Development of UIN Maulana Malik Ibrahim Malang Phase II East Java Project	110
<i>Kementerian Ketenagakerjaan/Ministry of Manpower</i>	113
32. Maritime Vocational Training Center in Serang	115
33. Maritime Vocational Training Center in Medan	117
34. Maritime Vocational Training Center in Makassar	119
<i>Kementerian Pertanian/ Ministry of Agriculture</i>	121
35. Development of Integrated Farming System in Upland Areas	122
36. Youth Employment And Entrepreneurship Support Services (YESS)	124
<i>Lembaga Ilmu Pengetahuan Indonesia/ Indonesian Institute of Sciences</i>	126
37. Procurement of Multi Purposes Research Vessels	128
<i>Badan Meteorologi Klimatologi dan Geofisika/The Agency for Meteorology, Climatology, and Geophysics</i>	132
38. Strengthening Climate and Weather Service Capacity-Phase II	134
<i>PT. SMI/ Indonesia Infrastructure Finance Company</i>	137
39. Increasing PT Indonesia Infrastructure Finance Financing Capacity in Accelerating Infrastructure Development in Indonesia	139
<i>PT. PLN/ State Electricity Company</i>	141
40. Hululais Geothermal Power Plant 1 & 2 (2x55 MW)	143
41. Additional Loan for Peusangan 1 & 2 Hydroelectric Power (87 MW)	145

Chapter 1

1. Introduction

In order to support the achievement of national development priorities as stated in Medium-Term National Development Plan or Rencana Pembangunan Jangka Menengah Nasional (RPJMN) of 2015-2019, the Government of Indonesia explores the utilization of all potential sources of financing, including external loans. The utilization of the external loans is regulated under the Government Regulation Number 10/2011 on the Procedure for Procurement of External Loans and Grants.

As mandated in the Government Regulation Number 10/2011, The Ministry of National Development Planning/National Development Planning Agency (Bappenas) coordinates the planning process of projects funded by external loans. During the process, several external loan planning documents are issued, among others the List of Medium-Term Planned External Loans or Daftar Rencana Pinjaman Luar Negeri Jangka Menengah (DRPLN-JM)/Blue Book and the List of Planned Priority External Loans or Daftar Rencana Prioritas Pinjaman Luar Negeri (DRPPLN)/ Green Book. The DRPLN-JM/Blue Book is a document that contains the planned programs and projects which are appropriate to be funded by external loans for the medium-term period, while the DRPPLN/Green Book is a document that contains the list of external loans projects which already have a funding source indication and ready to be negotiated within the yearly effective period.

The formulation of DRPPLN/Green Book is based on the Decree of Minister for National Development Planning/Head of National Development Planning Agency Number 4 year 2011 on the Procedures of Planning, Proposing, Assessing, Monitoring and Evaluating of Projects Financed by External Loans and Grants. Projects that listed in DRPPLN/Green Book should have met most of the required readiness criteria through the assessment of readiness documents submitted by the executing agencies. The readiness assessment is conducted in order to minimize the barriers that may occur during the implementation, and to increase the effectiveness and the efficiency of external loans utilization.

Relating to the revision of DRPLN-JM/Blue Book 2015-2019 as stated by the Decree of Minister for National Development Planning/Head of National Development Planning Agency Number KEP.107/M.PPN/HK/08/2018, there are several projects scheduled to be negotiated in 2018 and early 2019, but are not yet listed in the DRPPLN/Green Book 2018 which has been published earlier. Therefore, the revised DRPPLN/Green Book 2018 was issued. This revision is intended to facilitate the activities that have met the readiness criteria and are scheduled to be negotiated in 2018 and early 2019, by adding two new projects and revising a project.

The Revised DRPPLN/Green Book 2018 is presented in two chapters. Chapter 1 consists of the recapitulation of the projects by the executing agencies, by the indicative sources of financing, and by the sector allocation. While Chapter 2 consists of the summary of each project information, such as location, scope, outputs and outcomes as well as stakeholders involved in project implementation (project digest).

2. Recapitulation and List of Projects in the DRPPLN 2018

DRPPLN 2018 consists of 42 projects with a total loan amount of USD 6.5 billion with a local financing of USD 2.9 billion. There are 17 out of those 42 projects that have been listed in the previous DRPPLN which has not signing yet. The recapitulation of proposed projects in the DRPPLN 2018 on the basis of executing agencies is shown in Table 1, while the proportion of infrastructure and non-infrastructure sector allocation is presented in Table 2.

Table 1. The DRPPLN 2018 by Executing Agencies

No	Executing Agency	Number of Projects	Amount (USD million)	
			Loans	Counterpart Funds
Ministries/Agencies		38	5,354.5	2,535.7
1	Ministry of Public Works and Housing	16	3,120.8	686.8
2	Ministry of Transportation	1	620.0	0
3	Ministry of Health	2	263.3	1,754.3
4	Ministry of National Development Planning/National Development Planning Agency	1	150.0	0
5	Ministry of Defense	6	210.0	0
6	Ministry of Agrarian and Spatial Planning/National Land Agency	1	200.0	0
7	Ministry of Research, Technology, and Higher Education	3	254.9	29.4
8	Ministry of Religious Affairs	1	55.7	9.4
9	Ministry of Manpower	3	46.6	0
10	Indonesian Institute of Sciences	1	107.9	2.9
11	The Agency for Meteorology, Climatology, and Geophysics	1	150.0	20.4
12	Ministry of Agriculture	2	175.3	32.5
State-Owned Enterprises		3	435.0	8.9
13	PT. SMI/Indonesia Infrastructure Finance Company	1	100.0	0
14	PT. PLN/State Electricity Company	2	335.0	8.9
Total		41	5,789.5	2,544.6

Table 2. Recapitulation of the DRPPLN 2018 by Sector

No	Sector	Number of Projects	Amount (USD million)	
			Loans	Local Funds
1	Infrastructure	20	4,175.8	811.5
2	Non-Infrastructure	21	1,613.7	1,848.9
Total		41	5,789.5	2,660.3

Table 3. Recapitulation of the DRPPLN 2018 by Source of Financing

No	Source of Financing	Loan Amount (USD million)
Multilateral Agencies		1,348.8
1	World Bank	649.6
2	ADB	300.0
3	IDB	183.3
4	SFD	110.6
5	IFAD	105.3
Bilateral Partners		4,440.8
6	Japan (JICA)	2,562.5
7	RRT	925.0
8	Korea/KEXIM	377.6
9	Austria	256.6
10	France/AFD	319.1
Total		5,789.5

Some figures/ diagrams of the DRPPLN/ Green Book 2018 as follows:

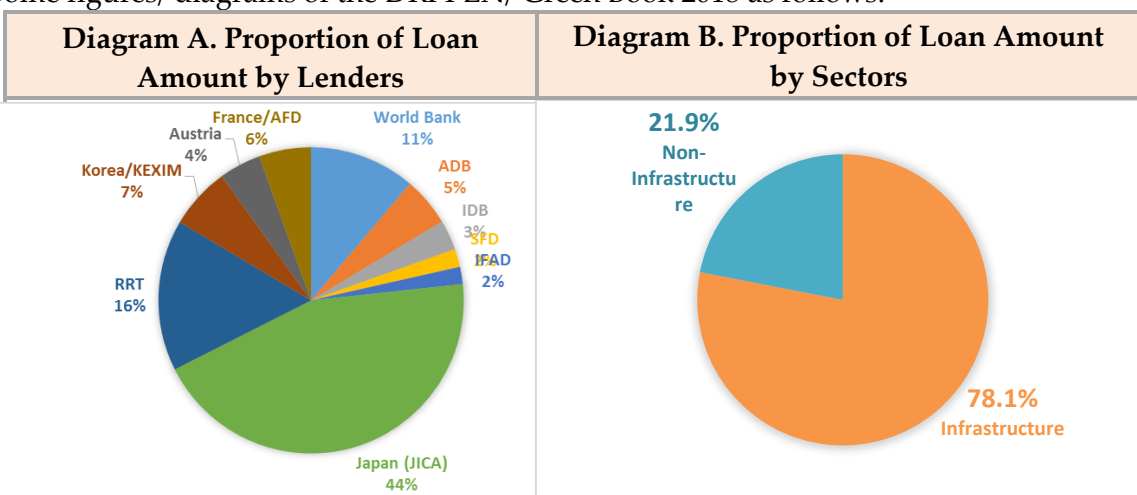


Diagram C. Proportion of Loan Amount by Executing Agencies

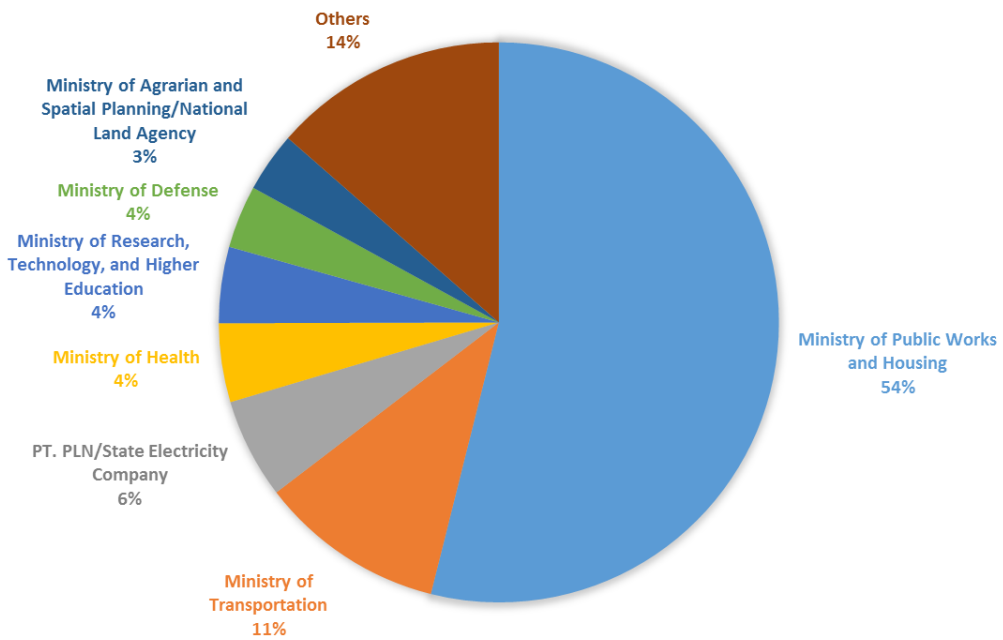


Table 4. List of DRPPLN 2018

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
Ministry of Public Works and Housing					
<i><u>Directorate General of Highways</u></i>					
1	Development of New Tunnels Alignment in Payakumbuh-Pangkalan Toll Road	Toll Road Development Program	427,000	0	JICA
<i><u>Directorate General of Human Settlement</u></i>					
2	Regency Settlement Infrastructure Development (RSID)	Slum Alleviation Program	201,000	0	JICA

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
3	Development of National Urban Development Program (NUDP)	Sustainable Urban Development Program	49,610	0	World Bank
4	Jakarta Sewerage Development Project Zone 6 (Phase 1)	Development of Waste Water Management Program	281,640	131,240	JICA
5	Jakarta Sewerage Development Project Zone 1		631,000	333,000	JICA
6	Sustainable Urban Development in Indonesia (Eco District)	Sustainable Urban Development Program	61,100	23,500	AFD
7	Improvement of Solid Waste Management to Support Regional and Metropolitan Cities	Development of Solid Waste Management Program	100,000	5,000	World Bank
<i>Directorate General of Water Resources</i>					
8	The Urgent Rehabilitation of Strategic Irrigation for Western Region of Indonesia	Development and Management of Irrigation Program	98,000	16,000	Korea
9	Engineering Service for Coastal and River Development Project	Mitigation of Water Hazards Program	10,094	1,116	Korea
10	Engineering Service for Dam Multipurpose	Dam Development Program	21,611	1,279	Korea

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
	Development Project				
11	Urban Flood Control System Improvement in Selected Cities Phase II	Mitigation of Water Hazards Program	66,850	12,460	JICA
12	Karian Dam-Serpong Water Conveyance System	Provision and Management of Bulk Water Supply Program	247,881	124,643	KEXIM
13	Pelosika Multipurpose Dam Construction Project	Dam Development Program	300,000	52,940	RRT
14	Jenelata Dam Construction Project		235,000	41,470	RRT
15	Lompatan Harimau Dam Construction Project (Rokan Kiri Dam Construction Project)		200,000	35,290	RRT
16	Riam Kiwa Multipurpose Dam Construction Project		190,000	33,530	RRT
Ministry of Transportation					
17	Construction of Jakarta Mass Rapid Transit Project Phase II	Railway Development Program	620,000	0	JICA

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
Ministry of Health					
18	Indonesia Supporting Primary and Referral Health Care Reform (I-SPHERE)	Basic Health Care Program	150,000	1,744,628	World Bank
		Health Services Referral Program			
19	Improvement of Facilities and Infrastructure for Teaching and Learning Activities in Health Sector	Program for Human Resources Development in Health Sector	113,300	9,681	IDB
Ministry of National Development Planning/National Development Planning Agency					
20	Human Resources Development for Bureaucratic Reform/ Strengthening Management of Apparatus Talents (SMART)	Human Resources Development for Bureaucracy Reform Program	150,000	0	World Bank
Ministry of Defense					
21	Upgrading Medical Equipments for Naval Hospital Wahyu Slamet Bitung-North Sulawesi	Military Hospitals Development Program	15,000	0	Austria

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
22	Upgrading Medical Equipments and Supporting Facilities for Army Hospital Pelamonia		10,000	0	Austria
23	Procurement of Medical Equipments for Army Hospital Putri Hijau		10,000	0	
24	Upgrading Medical Equipments and Supporting Facilities for Army Hospital Udayana		10,000	0	
25	Upgrading Medical Equipments for Air Force Hospital Dody Sarjoto - Makassar		15,000	0	
26	Upgrading Medical Equipments for Army Hospital of Gatot Subroto		150,000	0	
		Military Hospitals Development Program			Austria
Ministry of Agrarian and Spatial Planning/National Land Agency					
27	Program to Accelerate Agrarian Reform	Implementation of Geospatial Information Program	200,000	0	World Bank

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
Ministry of Research, Technology, and Higher Education					
28	The Advanced Knowledge and Skills for Sustainable Development Project (AKSI)	Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program	200,000	21,281	ADB
29	Development and Upgrading of the State University of Jakarta - Phase 2	Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program	32,663	5,614	SFD
30	Establishment of University of Bengkulu's Hospital	Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program	22,254	2,473	SFD
Ministry of Religious Affair					
31	The Development of UIN Maulana Malik Ibrahim Malang Phase II East Java Project	Improving Access, Quality, Relevance, and Competitiveness of Islamic Higher Education Program	55,650	9,350	SFD
Ministry of Manpower					
32	Maritime Vocational Training Center in Serang	Improving Labour Competitiveness Program	17,700	0	Austria
33	Maritime Vocational Training Center in Medan		15,300	0	

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
34	Maritime Vocational Training Center in Makassar		13,600	0	
Ministry of Agriculture					
35	Development of Integrated Farming System in Upland Areas	Provision and Development of Agriculture Infrastructure Program	50,000	24,500	IFAD
			70,000		IDB
36	Youth Employment And Entrepreneurship Support Services (YESS)	Agriculture Extention, Education, and Training Improvement Program	55,300	7,980	IFAD
Indonesian Institute of Sciences					
37	Procurement of Multi Purposes Research Vessels	Marine Research Development Program	107,950	2,950	AFD
The Agency for Meteorology, Climatology, and Geophysics					
38	Strengthening Climate and Weather Service Capacity – Phase II	Program for Development and Guidance of Meteorology, Climatology, and Geophysics	78,900	13,169	France
			71,100	7,224	AFD
PT. SMI/Indonesia Infrastructure Finance Company					
39	Increasing PT Indonesia Infrastructure Finance Financing Capacity in	Infrastructure Development Financing Program	100,000	0	ADB

(in US\$ 000)

No	Project Title	Program Title	Loan	Counterpart Fund	Lender
	Accelerating Infrastructure Development in Indonesia				
PT. PLN/State Electricity Company					
40	Hululais Geothermal Power Plant 1 & 2 (2x55 MW)	Electricity Infrastructure Development Program	204,000	0	JICA
41	Additional Loan for Peusangan 1 & 2 Hydroelectric Power (87 MW)		131,000	0	JICA
TOTAL			5,789,503	2,660,318	

*Kementerian Pekerjaan Umum dan
Perumahan Rakyat/Ministry of Public
Works and Housing*

Direktorat Jenderal Bina Marga/
Directorate General of Highways

-
1. **Project Title** : **Development of New Tunnels Alignment in Payakumbuh-Pangkalan Toll Road Section II Phase I**
 2. **Program Title** : Toll Road Development Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Highways, Ministry of Public Works and Housing
 5. **Duration** : 48 months
 6. **Location** : West Sumatera Province
-

7. **Objectives**

- a. To improve the connectivity between Padang and Pekanbaru by reducing travel time between the two cities.
- b. To improve regional road network capacity especially in the Sumatra region.
- c. To increase productivity made possible by the repression of distributional cost and by opening access to regional and international market.
- d. To improve economic growth by developing road to support regional development.
- e. To provide alternative road corridor with better safety requirement and comfort for users.

8. **Scope of Project**

- a. Tunnel and toll road construction at Section-II Phase I at Payakumbuh-Pangkalan segment.
- b. Consulting services for construction supervision.

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Civil works	West Sumatera	Directorate General of Highways, Ministry of Public Works and Housing
b. Consulting services		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Highways, Ministry of Public Works and Housing	427,000	0	0	427,000	JICA
Total	427,000	0	0	427,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)					Total
1 st	2 nd	3 rd	4 th	5 th	
9,000	115,000	115,000	115,000	73,000	427,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil works		407			
b. Consulting services	20				
Total	20	407			

13. Program Reference

BB-ID: BB-1519-R0-01

Direktorat Jenderal Cipta Karya/
Directorate General of Human Settlements

1. **Project Title** : **Regency Settlement Infrastructure Development (RSID)**
 2. **Program Title** : Slum Alleviation Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Human Settlements, Ministry of Public Works and Housing
 5. **Duration** : 60 months
 6. **Location** : Nationwide
-

7. **Objectives**

To fulfill the minimum service standard of settlement in peri-urban area in order to prevent slum in peri-urban area.

8. **Scope of Project**

- a. Capacity building:
 - Planning, implementing and controlling of peri-urban area development
 - Policy development and policy coordination
 - Managing capital investment in developing peri-urban area
 - Providing sustainable basic infrastructure services
- b. Detail Spatial Plan and Infrastructure Masterplan:
 - Facilitating local government to formulate detail spatial plan and infrastructure masterplan
 - Synchronizing infrastructure masterplan with detail spatial plan
- c. Infrastructure development:
 - Formulating detail engineering design
 - Constructing new infrastructure or developing existing infrastructure services based on infrastructure masterplan
 - Supervising infrastructure development
- d. Technical assistance:
 - Providing technical assistance services on capacity building and project management

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Capacity building	Nationwide	Directorate General of Human Settlements, Ministry of Public Works and Housing
b. Detail spatial plan and infrastructure masterplan		
c. Infrastructure development		
d. Technical assistance		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Human Settlements, Ministry of Public Works and Housing	201,000	0	0	201,000	JICA
Total	201,000	0	0	201,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)					Total
1 st	2 nd	3 rd	4 th	5 th	
3,521	24,334	28,041	80,142	64,962	201,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Capacity building				4,482	
b. Detail spatial plan and infrastructure master plan	16,080				
c. Infrastructure development		153,805			
d. Technical assistance	20,100				
e. Others					6,533
Total	36,180	153,805		4,482	6,533

13. Program Reference

BB-ID: BB-1519-R0-07

1. **Project Title** : **Development of National Urban Development Program (NUDP)**
 2. **Program Title** : Sustainable Urban Development Program
 3. **Executing Agency** : Ministry Public Works and Housing
 4. **Implementing Agency** :
 - a. Ministry Public Works and Housing
 - b. Ministry of National Development Planning/National Development Planning Agency (Bappenas)
 - c. Ministry of Agrarian and Spatial Planning/ National Land Agency
 - d. Ministry of Home Affairs
 5. **Duration** : 30 months
 6. **Location** : 40 selected cities
-

7. **Objectives**

- a. To develop cities according to their function in the national urban area.
- b. To develop each city according to their character and become a habitable, green, and smart city.
- c. To develop cities to have management and financing capabilities in infrastructure development involving private and government investments

8. **Scope of Project**

- a. National urban institutional and policy development
- b. Integrated planning for urban developments
- c. City financial management capacity development
- d. Project implementation support

9. Activities

Activities	Implementation Locations	Project Implementation Units
1. Preparation of policy, institution and finance <ul style="list-style-type: none"> - National city policy - National urban development strategy - City institution and city coaching system - Financial city policy 	Jakarta City	Ministry of National Development Planning/National Development Planning Agency
2. Information and planning system <ul style="list-style-type: none"> - Guidance of making Regency/City Spatial Plan (RTRWK) and Detailed Spatial Plan (RDTR) - Planning maps of 40 selected cities 	Selected cities	a. Ministry Public Works and Housing b. Ministry of Agrarian and Spatial Planning/ National Land Agency c. Ministry of National Development Planning/National Development Planning Agency d. Ministry of Home Affairs (further coordination with Ministry of Trade, Ministry of Commerce and Investment, Ministry of Finance, Geospatial Information Agency)
3. Facilitating urban development <ul style="list-style-type: none"> - Guidance of making Government Plan (RKP) and Housing Provision Development Plan (RP3) - Regulation about city road, drinking water, city transport, and integrated city infrastructure 	Jakarta City	Ministry Public Works and Housing (coordination with Ministry of Finance)

Activities	Implementation Locations	Project Implementation Units
4. Preparation urban development plan - Urban baseline - Urban development strategy - Development scenario and investment	Selected cities	a. Ministry Public Works and Housing b. Ministry of National Development Planning/National Development Planning Agency c. Local Government

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry Public Works and Housing	29,000			29,000 [A1]	World Bank
b. Ministry of National Development Planning/National Development Planning Agency (Bappenas)	4,210			4,210	
c. Ministry of Agrarian and Spatial Planning/ National Land Agency	13,400			13,400	
d. Ministry of Home Affairs	3,000			3,000	
Total	49,610	0	0	49,610	

11. Disbursement Plan

Disbursement Plan (US \$ 000)			Total
1 st	2 nd	3 rd	
25,610	19,000	5,000	49,610

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. National urban institutional and policy development	1,600				
b. Integrated planning for urban developments	41,800				
c. City financial management capacity development	2,210				
d. Implementation support	4,000				
Total	49,610				

13. Program Reference

BB-ID: BB-1519-R1-30

-
1. **Project Title** : **Jakarta Sewerage Development Project Zone 6 (Phase I)**
 2. **Program Title** : Development of Waste Water Management Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Human Settlements, Ministry of Public Works and Housing
 5. **Duration** : 84 Months
 6. **Location** : DKI Jakarta Province
-

7. **Objectives**

The objective of Jakarta Sewerage Development Zone 6 is to improve quality of sanitation condition in DKI Jakarta by constructing sewerage system, which consists of construction of sewer network and wastewater treatment plan (WWTP) in Zone 6 area (Gambir, Tanah Abang, Cengkareng, Grogol, Petamburan, Kebon Jeruk, Kalideres, Palmerah, Kembangan, Tambora, Kebayoran Lama, Penjaringan). The expected outputs and outcomes of this project are:

- a. Improvement of coverage of off-site wastewater system in DKI Jakarta..
- b. Improvement of quality of environmental condition to prevent waterborne disease caused by heavily polluted surface and ground water in DKI Jakarta.
- c. Availability of adequate sewerage system in DKI Jakarta, especially in Zone 6.

8. **Scope of Project**

- a. Construction of WWTP
- b. Construction of sewer network
- c. Engineering services

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Consulting services	DKI Jakarta Province	Directorate General of Human Settlements, Ministry of Public Works and Housing
b. Environmental impact assessment preparation		
c. Construction works including WWTP, trunk sewer, service pipe, lateral pipe, and persil pipe, and pumping station		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Human Settlements, Ministry of Public Works and Housing	281,640	0	131,240	412,880	JICA
Total	281,640	0	131,240	412,880	

11. Disbursement Plan*

Disbursement Plan (US \$ 000)							Total
1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	
23,400	17,080	91,350	74,230	48,120	14,090	13,370	281,640

*) Not included local fund

12. Funding Allocation*

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Consulting Services	31,440				
b. Environmental impact assessment preparation					
c. Construction works including WWTP, trunk sewer, service pipe, lateral pipe, and persil pipe, and pumping station		250,200			
Total	31,440	250,200			

*) Not included local fund

13. Program Reference

BB-ID: BB-1519-R0-08

-
1. **Project Title** : **Jakarta Sewerage Development Project Zone 1**
 2. **Program Title** : Development of Waste Water Management Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Human Settlements, Ministry of Public Works and Housing
 5. **Duration** : 96 Months
 6. **Location** : DKI Jakarta Province
-

7. Objectives

The objective of Jakarta Sewerage Development Zone 6 is to improve quality of sanitation condition in DKI Jakarta by constructing sewerage system, which consists of construction of sewer network and wastewater treatment plan (WWTP) in Zone 1 area (Penjaringan, Pademangan, Taman Sari, Tambora, Sawah Besar, Gambir, Tanah Abang, and Menteng). The expected outputs and outcomes of this project are:

- a. Improvement of coverage of off-site wastewater system in DKI Jakarta.
- b. Improvement of quality of environmental condition to prevent waterborne disease caused by heavily polluted surface and ground water in DKI Jakarta.
- c. Availability of adequate sewerage system in DKI Jakarta, especially in Zone 1.

8. Scope of Project

- a. Construction of WWTP
- b. Construction of sewer network

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Consulting services	DKI Jakarta Province	Directorate General of Human Settlements, Ministry of Public Works and Housing
b. Environmental impact assessment preparation		
c. Construction works including WWTP, trunk sewer, service pipe, lateral pipe, and interceptor facilities, piping facilities (house connection, service pipe, lateral pipe, persil pipe), and sewer network (service pipe, lateral pipe, and persil pipe)		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Human Settlements, Ministry of Public Works and Housing	631,000	0	333,000	964,000	JICA
Total	631,000	0	333,000	964,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)								Total
1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	
179,000	100,000	102,000	103,000	57,000	65,000	5,000	20,000	631,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Construction of WWTP		322,000			
b. Construction of trunk sewer, service pipe, lateral pipe, and interceptor facilities		188,000			
c. Development of piping facilities (house connection, service pipe, lateral pipe, and persil pipe)		10,000			
d. Consulting services	41,000				
e. Others					70,000
Total	41,000	520,000			70,000

13. Program Reference

BB-ID: BB-1519-R0-08

1. **Project Title** : **Sustainable Urban Development in Indonesia (Eco District)**
 2. **Program Title** : Sustainable Urban Development Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Human Settlements, Ministry of Public Works and Housing
 5. **Duration** : 48 Months
 6. **Location** : Yogyakarta City, Semarang City, and Wonosobo District
-

7. **Objectives**

To increase the capacity of local government and the availability of infrastructure access in support of the realization of competitive sustainable cities in urban strategic areas that meet the eight attributes of Green City.

8. **Scope of Project**

- a. Establishment of urban working group in each district/city.
- b. Capacity building and institutionalization of all stakeholders in the form of training, socialization, workshops, and stakeholder forums.
- c. Preparation of masterplan and DED documents in 3 districts/cities locations, namely: Semarang City, Yogyakarta City, and Wonosobo District.
- d. Physical implementation in 3 (three) regencies/cities locations, namely: Semarang City, Yogyakarta City and Wonosobo District.
- e. Assistance and construction works by Consultant Advisory at the central level as well as contractors in each selected city.
- f. Technical assistance and monitoring evaluation by the center through PMU and Central Satker as well as by each district/city through Provincial Satker for physical works.
- g. Preparation of feasibility study (FS), RTBL and masterplan for prospective new locations in 3 (three) other districts/cities, namely: Bandung City, Purbalingga District, and Singkawang City.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Capacity and institutional improvement	Yogyakarta City, Semarang City, and Wonosobo District	Directorate General of Human Settlements, Ministry of Public Works and Housing
b. Stimulant physical implementation		
c. Technical assistance		
d. Support project implementation		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Human Settlements, Ministry of Public Works and Housing	61,100	0	23,500	84,600	AFD
Total	61,100	0	23,500	84,600	

11. Disbursement Plan*

Disbursement Plan (US \$ 000)				Total
1 st	2 nd	3 rd	4 th	
8,800	18,328	24,373	9,599	61,100

*) Not included local fund

12. Funding Allocation*

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Capacity and institutional improvement				2,450	
b. Stimulant physical implementation		51,820			
c. Technical assistance	6,830				
d. Support project implementation					
Total	6,830	51,820		2,450	

*) Not included local fund

13. Program Reference

BB-ID: BB-1519-R1-30

-
1. **Project Title** : **Improvement of Solid Waste Management to Support Regional and Metropolitan Cities**
 2. **Program Title** : Development of Solid Waste Management Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Human Settlements, Ministry of Public Works and Housing
 5. **Duration** : 72 Months
 6. **Location** : Nationwide (30 selected cities/districts)
-

7. Objectives

To improve the solid waste management and services at national level and in selected cities/districts.

8. Scope of Project

- a. Improved institutional capacity and policy development in solid waste management.
- b. Integrated planning and capacity building to local government and communities
- c. Improved solid waste infrastructure in selected cities/districts.
- d. Support the implementation of project and technical assistance.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Develop policy and regulatory framework	Nationwide	a. Directorate General of Human Settlements, Ministry of Public Works and Housing
b. Capacity building and planning facilitation to local government		b. Ministry of Environment and Forestry
c. Project management		c. Ministry of Home Affairs
d. Solid waste infrastructure development	Selected cities	d. Directorate General of Human Settlements, Ministry of Public Works and Housing

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Human Settlements, Ministry of Public Works and Housing	93,800	0	5,000	105,000	World Bank
Ministry of Environment and Forestry	2,500				
Ministry of Home Affairs	3,700				
Total	100,000	0	5,000	105,000	

11. Disbursement Plan*

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
6,270	18,200	17,960	25,110	29,710	2,750	100,000

*) Not included local fund

12. Funding Allocation*

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Develop policy and regulatory framework				3,000	
b. Capacity building and planning facilitation to local government	39,000				
c. Solid waste infrastructure development		45,000			
d. Project management					13,000
Total	39,000	45,000		3,000	13,000

*) Not included local fund

13. Program Reference

BB-ID: BB-1519-R0-06-02-0

Direktorat Jenderal Sumber Daya Air/
Directorate General of Water Resources

-
1. **Project Title** : **The Urgent Rehabilitation of Strategic Irrigation for Western Region of Indonesia**
 2. **Program Title** : Development and Management of Irrigation Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
 5. **Duration** : 72 months
 6. **Location** : Lampung and Banten Province
-

7. **Objectives**

To increase agricultural production and contribute to self-sufficiency in the agricultural society in Indonesia by constructing new development irrigation system.

8. **Scope of Project**

- a. Rehabilitation and modernization of irrigation facilities.
- b. Improvement of irrigation and drainage canals.
- c. Capacity building on operation and maintenance.

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Construction works	Lampung and Banten Province	Directorate General of Water Resources, Ministry of Public Works and Housing
b. Consulting services		
c. Land acquisition		

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	98,000	0	16,000	114,000	Korea (EDCF)
Total	98,000	0	16,000	114,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
2,857	4,085	25,954	32,009	31,202	17,892	114,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Construction works		79,410			
b. Consulting services	10,024				
c. Land acquisition					5,478
d. Contingency					10,222
e. Others					8,866
Total	10,024	79,410			24,566

13. Program Reference

BB-ID: BB-1519-R0-08

-
-
1. **Project Title** : **Engineering Service for Coastal and River Development Project**
 2. **Program Title** : Mitigation of Water Hazard Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
 5. **Duration** : 36 months
 6. **Location** : Nationwide
-
-

7. **Objectives**

To ensure the high priority of coastal and river projects are implemented efficiency by advancing preparatory activities in a systematic manner through engineering services.

8. **Scope of Project**

- a. Compose the documents regarding project preparations, consist of; (i) master plan, (ii) feasibility study, (iii) detail design, (iv) environmental and social impact assessment, and (v) land acquisition and resettlement action plan.
- b. Strengthen the capabilities of human resources of river and coastal's stakeholder.

9. **Activities**

Activities	Implementation Location	Project Implementation Unit
Consulting services	Nationwide	Directorate General of Water Resources, Ministry of Public Works and Housing

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	10,094	0	1,116	11,210	Korea (EDCF)
Total	10,094	0	1,116	11,210	

11. Disbursement Plan

Disbursement Plan (US \$ 000)			Total
1 st	2 nd	3 rd	
6,351	3,706	1,153	11,210

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Consulting services	9,842				
b. Others					1,368
Total	9,842				1,368

13. Program Reference

BB-ID: BB-1519-R0-11

-
1. **Project Title** : **Engineering Service for Dam Multipurpose Development Project**
 2. **Program Title** : Dam Development Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
 5. **Duration** : 36 months
 6. **Location** : Nationwide
-

7. **Objectives**

To ensure that high priority of dam development projects are implemented efficiently by advancing preparatory activities in a systematic manner through engineering services.

8. **Scope of Project**

- a. Compose the documents regarding project preparations, consist of; (i) master plan, (ii) feasibility study, (iii) detail design, (iv) environmental and social impact assessment, and (v) land acquisition and resettlement action plan.
- b. Strengthen the capabilities of human resources of river and dam's stakeholder.

9. **Activities**

Activities	Implementation Location	Project Implementation Unit
Consulting services	Nationwide	Directorate General of Water Resources, Ministry of Public Works and Housing

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	21,611	0	1,279	22,890	Korea (EDCF)
Total	21,611	0	1,279	22,890	

11. Disbursement Plan

Disbursement Plan (US \$ 000)			Total
1 st	2 nd	3 th	
12,968	7,567	2,355	22,890

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Consulting services	20,067				
b. Others					2,823
Total	20,067				2,823

13. Program Reference

BB-ID: BB-1519-R0-10

1. **Project Title** : **Urban Flood Control System Improvement in Selected Cities Phase II**
2. **Program Title** : Mitigation of Water Hazards Program
3. **Executing Agency** : Ministry of Public Works and Housing
4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
5. **Duration** : 82 months
6. **Location** : Riau, West Sumatera, Jambi, and West Nusa Tenggara Province

7. **Objectives**

Increasing readiness to manage and reduce the risk of flood or flood mitigation through integrated flood management approaches in the selected river basin.

8. **Scope of Project**

- a. River improvement infrastructures and facilities.
- b. Construction of pumping station.
- c. Increasing the capacity of retention pond.
- d. River and drainage normalization.
- e. Non-structural approach.

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Civil works	Riau, West Sumatera, Jambi, and West Nusa Tenggara Province	Directorate General of Water Resources, Ministry of Public Works and Housing
b. Consulting services		

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	66,850	0	12,460	79,310	JICA
Total	66,850	0	12,460	79,310	

11. Disbursement Plan

Disbursement Plan (US \$ 000)							Total
1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	
264	3,118	17,000	23,873	21,500	11,436	2,118	79,310

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil works		49,190			
b. Consulting services	6,983				
c. Land acquisition					698
d. Others					22,439
Total	6,983	49,190			23,138

13. Program Reference

BB-ID: BB-1519-R0-11

GB-18-14-0

-
1. **Project Title** : **Karian Dam-Serpong Water Conveyance System**
 2. **Program Title** : Provision and Management of Bulk Water Supply Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
 5. **Duration** : 60 months
 6. **Location** : Banten and DKI Jakarta Province
-

7. Objectives

- a. To supply raw water to Tangerang, South Tangerang, and DKI Jakarta areas.
- b. To improve sanitation environment and living standards in Banten and DKI Jakarta Province.

8. Scope of Project

- a. Construction of booster pump station.
- b. Construction of water conveyance from Karian Dam to Serpong.
- c. Consulting supervision.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Construction works	Banten and DKI Jakarta Province	Directorate General of Water Resources, Ministry of Public Works and Housing
b. Construction services		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	247,881	0	124,643	247,881	KEXIM
Total	247,881	0	124,643	372,524	

11. Disbursement Plan

Disbursement Plan (US \$ 000)					Total
1 st	2 nd	3 rd	4 th	5 th	
18,626	55,879	111,757	111,757	74,505	372,524

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Construction cost		189,608			
b. Consulting services	15,295				
c. Project management		7,647			
d. Others					159,974
Total	15,295	197,255			159,974

13. Program Reference

BB-ID: BB-1519-R0-09

-
1. **Project Title** : Pelosika Multipurpose Dam Construction Project
 2. **Program Title** : Dam Development Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
 5. **Duration** : 72 months
 6. **Location** : South East Sulawesi Province
-

7. **Objectives**

To control flooding, intensification and extensification of potential irrigation areas downstream of dams, hydroelectric power plant, and raw water supply in Southeast Sulawesi Province

8. **Scope of Project**

- a. Civil work including (i) access road; (ii) base camp, pool of heavy vehicle; (iii) diversion channel; (iv) cofferdam; (v) spillway; (vi) main dam; (vii) intake; (viii) electrical mechanical; (ix) dam instrumentation; and (x) power outlet.
- b. Consulting services.

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Civil work	South East Sulawesi Province	Directorate General of Water Resources, Ministry of Public Works and Housing
b. Consulting services		

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	300,000	0	52,940	352,940	RRT
Total	300,000	0	52,940	352,940	

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
17,647	52,941	70,588	105,882	70,588	35,924	352,940

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil work		270,000			
b. Consulting services	30,000				
c. Others					52,940
Total	30,000	270,000			52,940

13. Program Reference

BB-ID: BB-1519-R0-10

-
1. **Project Title** : **Jenelata Dam Construction Project**
 2. **Program Title** : Dam Development Program
 3. **Executing Agency** : Ministry of Public Works and Housing
 4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
 5. **Duration** : 72 months
 6. **Location** : South Sulawesi Province
-

7. **Objectives**

To support the increase of irrigated agricultural production, raw water, clean water, hydroelectric power plant, flood control, and tourism in Gowa Regency and Makassar City Southeast Sulawesi Province

8. **Scope of Project**

- a. Civil work including (i) access road; (ii) base camp, pool of heavy vehicle; (iii) diversion channel; (iv) cofferdam; (v) spillway; (vi) main dam; (vii) intake; (viii) electrical mechanical; (ix) dam instrumentation; and (x) power outlet.
- b. Consulting services.

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Civil work	South Sulawesi Province	Directorate General of Water Resources, Ministry of Public Works and Housing
b. Consulting services		

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	235,000	0	41,470	276,470	RRT
Total	235,000	0	41,470	276,470	

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
13,824	41,471	55,294	82,941	55,294	27,647	276,470

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil work		211,500			
b. Consulting services	23,500				
c. Others					41,470
Total	23,500	211,500			41,470

13. Program Reference

BB-ID: BB-1519-R0-10

1. **Project Title** : **Lompatan Harimau Dam Construction Project (Rokan Kiri Dam Construction Project)**
2. **Program Title** : Dam Development Program
3. **Executing Agency** : Ministry of Public Works and Housing
4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
5. **Duration** : 72 months
6. **Location** : Riau Province

7. **Objectives**

To support the increase of irrigated agricultural production, raw water, hydroelectric power plant, and flood control in Rokan Regency-Riau Province.

8. **Scope of Project**

- a. Civil work including (i) access road; (ii) base camp, pool of heavy vehicle; (iii) diversion channel; (iv) cofferdam; (v) spillway; (vi) main dam; (vii) intake; (viii) electrical mechanical; (ix) dam instrumentation; and (x) power outlet.
- b. Consulting services.

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Civil work	Riau Province	Directorate General of Water Resources, Ministry of Public Works and Housing
b. Consulting services		

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	200,000	0	35,290	235,290	RRT
Total	200,000	0	35,290	235,290	

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
11,765	35,294	47,058	70,587	47,058	23,529	235,290

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil work		180,000			
b. Consulting services	20,000				
c. Others					35,290
Total	20,000	180,000			35,290

13. Program Reference

BB-ID: BB-1519-R0-10

GB-18-18-0

1. **Project Title** : **Riam Kiwa Multipurpose Dam Construction Project**
2. **Program Title** : Dam Development Program
3. **Executing Agency** : Ministry of Public Works and Housing
4. **Implementing Agency** : Directorate General of Water Resources, Ministry of Public Works and Housing
5. **Duration** : 72 months
6. **Location** : South Kalimantan Province

7. Objectives

To support the increase in irrigated agricultural production, raw water, water supply, hydroelectric power, and flood control. Therefore Riam Kiwa Multipurpose Dam Construction Project may be judged as a strategic project that is expected to be priority project in the national and regional scale at this time.

8. Scope of Project

- a. Civil work including (i) access road; (ii) base camp, pool of heavy vehicle; (iii) diversion channel; (iv) cofferdam; (v) spillway; (vi) main dam; (vii) intake; (viii) electrical mechanical; (ix) dam instrumentation; and (x) power outlet.
- b. Consulting services.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Civil work	South Kalimantan Province	Directorate General of Water Resources, Ministry of Public Works and Housing
b. Consulting services		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Water Resources, Ministry of Public Works and Housing	190,000	0	33,530	223,530	RRT
Total	190,000	0	33,530	223,530	

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
11,177	33,530	44,706	67,059	44,706	22,353	223,530

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil work		171,000			
b. Consulting services	19,000				
c. Others					33,530
Total	19,000	171,000			33,530

13. Program Reference

BB-ID: BB-1519-R0-10

Kementerian Perhubungan/
Ministry of Transportation

1. Project Title	: Construction of Jakarta Mass Rapid Transit (MRT) North-South Line Project (Phase 2)
2. Program Title	: Railway Development Program
3. Executing Agency	: Ministry of Transportation
4. Implementing Agency	: a. Ministry of Transportation b. Local Government of DKI Jakarta
5. Duration	: 72 months
6. Location	: DKI Jakarta Province

7. Objectives

To increase the transport capacity in Jakarta Metropolitan Area through the advanced development of Jakarta Mass Rapid Transit System in order to reduce congestion and give contribution to improving the investment climate in Jakarta Metropolitan Area.

8. Scope of Project

- a. Supervisory and technical assistance consulting services.
- b. Additional loan of construction of MRT Phase-I (Lebak Bulus-Bundaran HI).
- c. Construction of MRT Phase-II 1st batch with proposed plan of contract packages as follow:
 - (i) Underground 1 : Civil work MRT Phase-II (Bundaran HI – Harmoni);
 - (ii) Underground 2 : Civil work MRT Phase-II (Harmoni – Mangga Besar);
 - (iii) Underground 3 : Civil work MRT Phase-II (Mangga Besar – Kota);
 - (iv) Depot and station Kampung Bandan.
- d. Procurement and installation of MRT Phase II with proposed plan of contract packages as follow:
 - (i) Procurement and installation of track works and systems;
 - (ii) Procurement of rolling stock.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Variation order and price adjustment for construction of MRT Phase-I (Lebak Bulus Bundaran HI)	DKI Jakarta Province	a. Ministry of Transportation b. Local Government of DKI Jakarta
b. Civil works: (i) Underground 1 (Bunderan HI-Harmoni) (ii) Underground 2 (Harmoni-Mangga Besar) (iii) Underground 3 (Mangga Besar-Kota) (iv) Depot & Station Kampung Bandan		
c. Procurement and installation of : (i) track works and systems; and (ii) procurement of rolling stock		
d. Consulting services supervisory and technical assistance consulting services		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Transportation	620,000	0	0	620,000	JICA
b. Local Government of DKI Jakarta					
Total	620 ,000*	0	0	620,000	

*) Equivalent JPY 70.02 Billion

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
232,000	512,000	205,000				620,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other*
a. MRT Phase-I variation order	14,000	177,000			
b. MRT Phase-II civil works and procurement		302,000			116,000
c. MRT Phase -II consulting services	11,000				
Total	25,000	479,000			116,000

*)Funding Allocation for Contingency and Price Adjustments

13. Program Reference

BB-ID: BB-1519-R0-28

Kementerian Kesehatan/
Ministry of Health

-
1. **Project Title** : **Indonesia-Supporting Primary and Referral Healthcare Reform (I-SPHERE)**
 2. **Program Title** : a. Basic Health Care Program
b. Health Service Referral Program
 3. **Executing Agency** : Ministry of Health
 4. **Implementing Agency** : Secretariat General of Ministry of Health
 5. **Duration** : 72 Months
 6. **Location** : a. DKI Jakarta Province (Ministry of Health)
b. 34 provinces in Indonesia, particularly in Maluku Province, East Nusa Tenggara Province, and Papua Province
-

7. **Objectives**

- a. To improve quality primary and referral healthcare systems in Indonesia, particularly in Maluku, NTT and Papua provinces.
- b. To improve availability, distribution and capacity of health personnel.
- c. To improve health service management towards good governance in Indonesia, particularly in Maluku, NTT and Papua provinces.
- d. To increase participation of local governments in supporting the improvement of quality primary and referral healthcare services.

8. **Scope of Project**

- a. Development of health information system
- b. Strengthening the capacity of the Accreditation Commission for Primary Health Care Facilities
- c. Health center accreditation
- d. Deployment of primary health care teams in remote and difficult to reach areas
- e. Enhancing the performance-based capitation of National Health Insurance
- f. Improvement of health planning and budgeting capacity of local government
- g. Introduction of performance based element in transfer fund allocations
- h. Civil works of vertical hospital
- i. Fulfilment of vertical hospital medical equipment

9. Activities

Activities	Implementation Location	Project Implementation Unit
a. Developing and publishing district performance dashboards	a. DKI Jakarta Province (Ministry of Health) b. 34 provinces in Indonesia, particularly in Maluku Province, East Nusa Tenggara Province, and Papua Province	Secretariat General of Ministry of Health
b. Developing and introducing the use of m-Health		
c. Developing and introducing the use of integrated referral software system		
d. Developing a business and financing plan, building the capacity, and ensuring necessary regulations		
e. Strengthening the clinical and managerial capacity of puskesmas to obtain accreditation		
f. Providing support for the placement of primary health care teams in remote and difficult to reach areas		
g. Developing and implementing a capacity building program , including planning and budgeting, for lagging districts		
h. Introducing and implementing performance-based elements in transfer fund allocations		
i. Enhancing the performance-based capitation mechanism of National Health Insurance		
j. Building vertical unit hospitals in eastern Indonesia (Maluku, East		

Activities	Implementation Location	Project Implementation Unit
Nusa Tenggara, and Papua Provinces) (i) Planning preparation (ii) Civil works (iii) Procurement of medical equipment (iv) Recruitment and training of health workers (v) Operational and maintenance		
k. Technical assistance and project management		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local*	Total	
Secretariat General of Ministry of Health	150,000	0	1,744,628	1,894,628	World Bank
Total	150,000	0	1,744,628	1,894,628	

*) For achieving Disbursement Linked Indicators (DLIs) under PforR scheme

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
142,390	267,227	333,581	454,131	497,827	199,473	1,894,628

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. District performance dashboard					6,951
b. Development of m-Health application for health center					670
c. Health center accreditation					1,638,247
d. Strengthening capacity of the Accreditation Commission for Primary Health Care Facilities					1,821
e. Improving districts capacity in planning and budgeting					1,013
f. Deployment of health personnel					32,311
g. Implementation of performance-based National Health Insurance capitation in health center					5,037
h. Improvement of district performance in transfer fund					4,407
i. Implementation of integrated referral system					604
j. Building vertical unit hospitals		113,910	67,164		13,164
k. Technical assistances and project management	8,955				

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
1. Others					373
Total	8,955	113,910	67,164		1,704,599

13. Program Reference

BB-ID: BB-1519-R0-20 and BB-1519-R0-23

1. Project Title	: Improvement of Facilities and Infrastructure for Teaching and Learning Activities in Health Sector
2. Program Title	: Program for Human Resources Development in Health Sector
3. Executing Agency	: Ministry of Health
4. Implementing Agency	: Board of Health Human Resources Development and Empowerment
5. Duration	: 60 Months
6. Location	: DKI Jakarta, Riau, Kepulauan Riau, Central Java, Banten, South Sulawesi, Central Sulawesi, and West Java Province

7. **Objectives**

- a. To improve the quality of teaching, learning, and training in health polytechnic institutions and health training centers through the improvement of facilities, infrastructure and supporting equipment for teaching, learning and training process.
- b. To develop the concept of an integrated teaching and learning systems to build networks between health polytechnic institutions and health training centers in improving student competencies in the specific area of center of excellence in health training centers.

8. **Scope of Project**

- a. Construction of buildings and other supporting facilities in 7 health polytechnic and 4 health training centers (2 BBPK and 2 Bapelkes).
- b. Provision of teaching and learning tools and equipment.
- c. Enhancement of curriculum and teaching materials.
- d. Development of integrated teaching and learning system.
- e. Development of center of excellence in health training centers.
- f. Capacity building.
- g. Project management.

9. Activities

Activities	Implementation Location	Project Implementation Unit
a. Civil work	a. DKI Jakarta Province (Ministry of Health, Poltekkes Jakarta III, BBPK Jakarta)	Board of Health Human Resources Development and Empowerment
b. Equipment	b. Riau Province (Poltekkes Pekanbaru, Bapelkes Batam)	
c. Soft program	c. Kepulauan Riau Province (Poltekkes Tanjung Pinang)	
d. Capacity building	d. Central Java Province (Poltekkes Semarang, Bapelkes Semarang)	
e. Project management	e. Banten Province (Poltekkes Banten)	
	f. South Sulawesi Province (Poltekkes Makassar)	
	g. Central Sulawesi Province (Poltekkes Palu)	
	h. West Java Province (BBPK Ciloto)	

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Board of Health Human Resources Development and Empowerment	113,300	0	9,681	122,981	IDB
Total	113,300	0	9,681	122,981	

11. Disbursement Plan

Disbursement Plan (US \$ 000)					Total
1 st	2 nd	3 rd	4 th	5 th	
17,665	41,588	30,576	19,665	13,487	122,981

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Project management	1,333				
b. Civil works		80,631			
c. Equipments			28,815		
d. Soft program					7,980
e. Capacity building				4,221	
Total	1,333	80,631	28,815	4,221	7,980

13. Program Reference

BB-ID: BB-1519-R0-21

Kementerian PPN/Bappenas
**Ministry of National Development
Planning/ National Development Agency**

-
1. **Project Title** : **Human Resources Development for Bureaucratic Reform/ Strengthening Management of Apparatus Talents (SMART)**
 2. **Program Title** : Human Resources Development for Bureaucracy Reform Program
 3. **Executing Agency** : Ministry of National Development Planning / National Development Planning Agency
 4. **Implementing Agency** : Ministry of National Development Planning / National Development Planning Agency
 5. **Duration** : 66 months
 6. **Location** : Nationwide and overseas
-

7. **Objectives**

To increase the capacity of Indonesia Human Resources with support of talent management system development, implementation of education and training for apparatus to encourage the achievement of national development priorities.

8. **Scope of Project**

- a. State apparatus professionalization
- b. Strategic talent management
- c. Investment in domestic education and training institutions
- d. Project management

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. State apparatus professionalization	Nationwide and overseas	Ministry of National Development Planning / National Development Planning Agency
b. Strategic talent management		
c. Investment in domestic education and training institutions		
d. Project management		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Ministry of National Development Planning / National Development Planning Agency	150,000	0	0	150,000	World Bank
Total	150,000	0	0	150,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
6,820	28,860	36,500	36,500	33,620	7,700	150,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. State apparatus professionalization				109,000	
b. Strategic talent management	6,000				2,000
c. Investment in domestic education and training institutions				1,000	2,000
d. Project management	14,000			8,000	8,000
Total	20,000			118,000	12,000

13. Program Reference

BB-ID: BB-1519-R0-19

Kementerian Pertahanan/
Ministry of Defense

-
1. **Project Title** : **Upgrading Medical Equipments for Naval Hospital Wahyu Slamet Bitung – North Sulawesi**
 2. **Program Title** : Military Hospital Development Program
 3. **Executing Agency** : Ministry of Defense
 4. **Implementing Agency** : a. Ministry of Defense
b. Indonesian Navy
 5. **Duration** : 24 months
 6. **Location** : North Sulawesi Province
-

7. Objectives

To increase the quality of medical services for navy personnel, families, and public.

8. Scope of Project

- a. Procurement and instalment of medical equipment for the following facilities; Radiology, Dentistry, Ophthalmology, Medical Check Up, Emergency Room, Laboratory, Obstetrics and Gynecology, Inpatient Rooms, Intensive Care Unit, Anaesthetic Tools, and Surgery Room.
- b. Training for operating of medical equipment.
- c. Training for maintenance of medical equipment.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Procurement of medical equipment	North Sulawesi Province	a. Ministry of Defense b. Indonesian Navy
b. Installation and testing the equipment		
c. Training and maintenance of equipment		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Defense	15,000	0	0	15,000	Austria
b. Indonesian Navy					
Total	15,000	0	0	15,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)		Total
1 st	2 nd	
14,119	881	15,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Procurement of medical equipment			13,719		
b. Installation and testing equipment			873		
c. Trainings				408	
Total			14,592	408	

13. Program Reference

BB-ID: BB-1519-R1-33

-
1. **Project Title** : **Upgrading Medical Equipment and Supporting Facilities for Army Hospital Pelamonia**
 2. **Program Title** : Military Hospital Development Program
 3. **Executing Agency** : Ministry of Defense
 4. **Implementing Agency** : 1. Ministry of Defense
2. Indonesian Army
 5. **Duration** : 24 Months
 6. **Location** : Makassar City, South Sulawesi Province
-

7. **Objectives**

To increase the quality of medical services for navy personnel, families, and public.

8. **Scope of Project**

- a. Procurement and installment of medical equipment in Pelamonia Hospital (8 surgery rooms of Nervous, Cardiovascular, Orthopedic, Obstetrics and Gynecology, Urology, Ophthalmology, Otorhinolaryngology, General Surgeon).
- b. Training and recruitment of health workers for operating medical equipment. 359 workers.
- c. Training for maintenance of medical equipment and hospital system development.

9. **Activities**

Activities	Implementation Location	Project Implementation Unit
a. Procurement of medical equipment	Makassar City, South Sulawesi Province	a. Ministry of Defense b. Indonesian Army
b. Pre-installation and installation		
c. Training		
d. Logistics management and maintenance		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Defense	10,000	0	0	10,000	Austria
b. Indonesian Army					
Total	10,000	0	0	10,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)		Total
1 st	2 nd	
9,250	750	10,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Procurement of medical equipment			8,787		
b. Installation and testing the equipment			800		
c. Training and maintenance of equipment				200	
d. Others	213				
Total	213		9,587	200	

13. Program Reference

BB-ID: BB-1519-R1-33

-
-
1. **Project Title** : **Procurement of Medical Equipment and Supporting Facilities for Army Hospital Putri Hijau**
 2. **Program Title** : Military Hospital Development Program
 3. **Executing Agency** : Ministry of Defense
 4. **Implementing Agency** : 1. Ministry of Defense
2. Indonesian Army
 5. **Duration** : 24 Months
 6. **Location** : Medan City, North Sumatera Province
-
-

7. **Objectives**

To increase the quality of medical services for navy personnel, families, and public.

8. **Scope of Project**

- a. Procurement and instalment of medical equipment in Putri Hijau Hospital. 7 surgery room facilities (Nervous, Orthopedic, Otorhinolaryngology, Digestive, Urology, General Surgeon, Obstetrics and Gynecology), preparation and recovery center tools, sterilization kit, radiology/ imaging, other polyclinic tools (Ophthalmology, Obstetrics and Cardiovascular, Dentistry, Medical Check-up, Medical Rehabilitation), emergency room tools.
- b. Training for 495 health workers to operate medical equipment.
- c. Training for maintenance of medical equipment.

9. **Activities**

Activities	Implementation Location	Project Implementation Unit
a. Procurement of medical equipment	Medan City, North Sumatera Province	a. Ministry of Defense b. Indonesian Army
b. Installation and testing the equipment		
c. Training and maintenance of equipment.		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Defense	10,000	0	0	10,000	Austria
b. Indonesian Army					
Total	10,000	0	0	10,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)		Total
1 st	2 nd	
9,250	750	10,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Procurement of medical equipment			8,787		
b. Installation and testing the equipment			800		
c. Training and maintenance of equipment				200	
d. Others	213				
Total	213		9,587	200	

13. Program Reference

BB-ID: BB-1519-R1-33

1. Project Title	: Upgrading Medical Equipment and Supporting Facilities for Army Hospital Udayana
2. Program Title	: Military Hospital Development Program
3. Executing Agency	: Ministry of Defense
4. Implementing Agency	: 1. Ministry of Defense 2. Indonesian Army
5. Duration	: 24 Months
6. Location	: Denpasar City, Bali Island

7. Objectives

To increase the quality of medical services for navy personnel, families, and public.

8. Scope of Project

- a. Procurement and instalment of medical equipment in Udayana Hospital. 7 surgery room facilities (Nervous, Orthopedic, Obstetrics and Gynecology, Urology, Ophthalmology, Otorhinolaryngology, General Surgeon), preparation and recovery center tools, radiology/ imaging, Neonatal Intensive Care Unit tools.
- b. Training and recruitment of health workers for operating medical equipment.
- c. Training for maintenance of medical equipment and hospital system development.

9. Activities

Activities	Implementation Location	Project Implementation Unit
a. Procurement of medical equipment	Denpasar City, Bali Island	a. Ministry of Defense b. Indonesian Army
b. Pre-installation and installation		
c. Training		
d. Logistics management and maintenance		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Defense	10,000	0	0	10,000	Austria
b. Indonesian Army					
Total	10,000	0	0	10,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)		Total
1 st	2 nd	
9,250	750	10,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Procurement of medical equipment			8,787		
b. Installation and testing the equipment			800		
c. Training and maintenance of equipment				200	
d. Others	213				
Total	213		9,587	200	

13. Program Reference

BB-ID: BB-1519-R1-33

-
1. **Project Title** : **Upgrading Medical Equipment for Air Force Hospital Dody Sarjoto – Makassar**
 2. **Program Title** : Military Hospital Development Program
 3. **Executing Agency** : Ministry of Defense
 4. **Implementing Agency** : 1. Ministry of Defense
2. Indonesian Air Force
 5. **Duration** : 24 Months
 6. **Location** : Makassar City, South Sulawesi Province
-

7. **Objectives**

To increase the quality of medical services for navy personnel, families, and public.

8. **Scope of Project**

- a. Procurement of medical equipment in Dody Sarjoto Hospital (145 beds, several health infrastructures).
- b. Training of health workers for operating medical equipment.
- c. Training for maintenance of medical equipment and hospital system development.

9. **Activities**

Activities	Implementation Location	Project Implementation Unit
a. Procurement and installation of medical equipment	Makassar City, South Sulawesi Province	a. Ministry of Defense b. Indonesian Air Force
b. Training and testing equipment		
c. Maintenance of equipment		

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Defense	15,000	0	0	15,000	Austria
b. Indonesian Air Force					
Total	15,000	0	0	15,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)		Total
1 st	2 nd	
13,950	1,050	15,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Procurement and installation of medical equipment			13,950		
b. Training and testing equipment				300	
c. Maintenance of equipment				750	
Total			13,950	1,050	

13. Program Reference

BB-ID: BB-1519-R1-33

-
1. **Project Title** : **Upgrading Medical Equipments for Army Hospital of Gatot Subroto**
 2. **Program Title** : Military Hospital Development Program
 3. **Executing Agency** : Ministry of Defense
 4. **Implementing Agency** : Indonesian Army
 5. **Duration** : 36 Months
 6. **Location** : DKI Jakarta Province
-

7. **Objectives**

To improve the quality of medical services in the field of nuclear medicine and radiation therapy

8. **Scope of Project**

- a. Procurement of medical equipment and supporting equipment for Nuclear Medicine and Radiation Therapy.
- b. Installation and testing of medical equipment and medical support equipment.
- c. Preparation of planning and supervision on the establishment of the Center for Nuclear Medicine and Radiation Therapy.
- d. Training of equipment maintenance and equipment operation.

9. **Activities**

Activities	Implementation Location	Project Implementation Unit
a. Procurement of equipment	DKI Jakarta Province	Indonesian Army
b. Installation and testing		
c. Preparation of planning and supervision		
d. Training of equipment usage, equipment maintenance, and equipment operation		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Indonesian Army	150,000	0	0	150,000	Austria
Total	150,000	0	0	150,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)			Total
1 st	2 nd	3 th	
60,000	75,000	15,000	150,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Procurement of equipment			130,848		
b. Installation and testing			6,550		
c. Preparation of planning and supervision	6,918				
d. Training of equipment usage, equipment maintenance, and equipment operation				5,684	
Total	6,918		137,390	5,684	

13. Program Reference

BB-ID: BB-1519-R1-33

Kementerian ATR/BPN
**Ministry of Agrarian and Spatial Planning/
National Land Agency**

1. **Project Title** : **Program to Accelerate Agrarian Reform**
 2. **Program Title** : Implementation of Geospatial Information Program
 3. **Executing Agency** : Ministry of Agrarian and Spatial Planning/ National Land Agency
 4. **Implementing Agency** : a. Directorate General of Agrarian Infrastructure, Ministry of Agrarian and Spatial Planning/ National Land Agency
b. Geospatial Information Agency
 5. **Duration** : 60 Months
 6. **Location** : Jambi, West Kalimantan, South Kalimantan, Central Kalimantan, East Kalimantan, Riau, South Sumatera, and DKI Jakarta Province
-

7. **Objectives**

- a. To build the institutional capacity Ministry of Agrarian and Spatial Planning/ National Land Agency and Geospatial Information Agency.
- b. To accelerate the implementation of Systematic and Complete Land Registration.
- c. To establish clarity on actual land rights and land use at the village in the target areas.

8. **Scope of Project**

- a. Cadaster for agrarian reform.
- b. Improvement of geospatial data infrastructure for environmental and natural resource management.
- c. Project management and institutional development.

9. Activities

Activities	Implementation Location	Project Implementation Unit
a. Cadaster for agrarian reform	Nationwide	a. Directorate General of Agrarian Infrastructure, Ministry of Agrarian and Spatial Planning/ National Land Agency b. Geospatial Information Agency
b. Improvement of geospatial data infrastructure for environmental and natural resource management		
c. Project management and institutional development		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Agrarian and Spatial Planning/ National Land Agency	200,000	0	0	200,000	World Bank
b. Geospatial Information Agency					
Total	200,000	0	0	200,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)					Total
1 st	2 nd	3 th	4 th	5 th	
10,568	61,228	76,750	42,718	8,736	200,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Cadaster for agrarian reform	149,500		12,500		
b. Improvement of geospatial data infrastructure for environmental and natural resource management	10,000				
c. Project management and institutional development	28,000				
Total	200,000		12,500		

13. Program Reference

BB-ID: BB-1519-R1-34

*Kementerian Riset, Teknologi,
dan Perguruan Tinggi/*
**Ministry of Research, Technology,
and Higher Education**

1. **Project Title** : **The Advanced Knowledge and Skills for Sustainable Development Project (AKSI)**
 2. **Program Title** : Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program
 3. **Executing Agency** : Ministry of Research, Technology, and Higher Education
 4. **Implementing Agency** :
 - a. Directorate General of Resources for Sciences, Technology, and Higher Education
 - b. University of Malikussaleh
 - c. University of Jambi
 - d. University of Riau
 - e. Indonesia University of Education (UPI)
 5. **Duration** : 52 Months
 6. **Location** : Aceh, Jambi, Riau, and West Java Province
-

7. **Objectives**

- a. To contribute and improve access, quality, and relevance Indonesia's higher education system by upgrading teaching and learning facilities as well as the development of center of excellences in the universities of Malikussaleh, Riau, Jambi, and Indonesia University of Education.
- b. To develop Indonesia University of Education as a center of excellence in technical and vocational teacher education in response to the shortage of good quality productive teachers in vocational education.
- c. To strengthen the medium and long-term institutional development planning at all four universities.

8. **Scope of Project**

- a. Development of teaching and research facilities, supporting infrastructures, and procurement of equipment.
- b. Development and improvement of the quality of human resources, including degree and non-degree programs for lectures and university staff.
- c. Development of academic curriculum and management system to improve teaching research process.

9. Activities

Activities	Implementation Location	Project Implementation Unit
a Civil works	Aceh, Jambi, Riau, and West Java Province	a. Directorate General of Resources for Sciences, Technology, and Higher Education b. University of Malikussaleh c. University of Jambi d. University of Riau e. Indonesia University of Education
b Equipment		
c. IT (software, licenses, services)		
d. Furniture		
e. Consulting services		
f. In- and ex-country education and training		
g. Seminar, conference, and workshops		
h. Studies and support for international publication		
i. Operational costs (counterpart staff, administration, staff travel)		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Directorate General of Resources for Sciences, Technology, and Higher Education			4,267	4,267	ADB
b. University of Malikussaleh	47,556		3,805	51,361	
c. University of Jambi	52,784		4,223	57,007	
d. University of Riau	48,935		3,915	52,849	
e. Indonesia University of Education	50,725		5,073	55,798	
Total	200,000	0	21,281	221,281	

11. Disbursement Plan

Disbursement Plan (US \$ 000)					Total
1 st	2 nd	3 th	4 th	5 th	
775	40,604	76,985	67,210	35,707	221,281

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil works		148,844			
b. Equipment			32,890		
c. IT (software, licenses, services)			5,607		
d. Furniture			9,535		
e. Consulting services	8,376				
f. In-country and ex-country education and training				6,756	
g. Seminar, conference, and workshops					1,329
h. Studies and support for international publication					811
i. Operational costs (counterpart staff, administration, staff travel)					5,316
j. Others					1,817
Total	8,376	148,844	48,032	6,756	9,273

13. Program Reference

BB-ID: BB-1519-R0-17

-
1. **Project Title** : **Development and Upgrading of the State University of Jakarta - Phase 2**
 2. **Program Title** : Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program
 3. **Executing Agency** : Ministry of Research, Technology, and Higher Education
 4. **Implementing Agency** : a. Directorate General of Resources for Sciences, Technology, and Higher Education
b. State University of Jakarta
 5. **Duration** : 48 Months
 6. **Location** : DKI Jakarta Province
-

7. **Objectives**

- a. To prepare the State University of Jakarta become World Class Teaching University (WCTU) in 2030.
- b. To engage the State University of Jakarta in the development of science and technology on the basis of respect towards religious values, humanism, and environment.
- c. To engage the State University of Jakarta in entrepreneurship and to build mutually beneficial cooperation with other institutions in Indonesia and overseas, for the purpose of achieving a high standard in conducting the Tri Dharma services.
- d. To develop an information-and-technology based management system in order to keep up with the global demands for a high standard of information system, both in educational and non-educational fields.
- e. To develop and integrated model of education for all levels and types of education (i.e., general, vocational, and religion-affiliated educational institutions).

8. **Scope of Project**

- a. Construction of four new buildings that will accommodate new classrooms, offices, studios, workshops and laboratories with the support of proper and sufficient resources and teaching aids.
- b. Construction of Center for Development of Character Education (CDCE).
- c. Procurement of new furniture and fixture for instalment for those five buildings.
- d. Campus infrastructure including campus road, landscaping, disposable facilities, and others.
- e. Academic programs such as ICT Based Curriculum Development and training for academic staff:

- i. The ICT Based Curriculum Development is to develop: (1) Learning Content Development Systems (LCDS); (2) Learning Content Management Systems (LCMS); (3) Learning Management Systems (LMS); and (4) Learning Delivery Systems or Virtual Classroom Systems.
 - ii. The training for academic and administrative staff consists of overseas training for doctoral degrees short course training and in-country training.
- f. Project Management Unit (PMU).
 - g. Consultant services.

9. Activities

Activities	Implementation Location	Project Implementation Unit
a. Civil work	DKI Jakarta Province	<ul style="list-style-type: none"> a. Directorate General of Resources for Sciences, Technology, and Higher Education b. State University of Jakarta
b. Furniture and fixtures		
c. Project management unit		
d. Consultant services		
e. Training of faculty/staff		
f. ICT Based Curriculum Development		
g. Financial auditing		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Directorate General of Resources for Sciences, Technology, and Higher Education	32,663	0	5,614	38,227	SFD
b. State University of Jakarta					
Total	32,663	0	5,614	38,227	

11. Disbursement Plan

Disbursement Plan (US \$ 000)				Total
1 st	2 nd	3 th	4 th	
1,933	9,373	20,906	6,064	38,277

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil work		28,138			
b. Furniture and fixtures			1,493		
c. Project management unit	62				
d. Consultant services	711				
e. Training of faculty/staff				3,131	
f. ICT based curriculum development				1,200	
g. Others					3,542
Total	773	28,138	1,493	4,331	3,542

13. Program Reference

BB-ID: BB-1519-R0-17

1. Project Title	: Establishment of University of Bengkulu's Hospital
2. Program Title	: Improving Access, Quality, Relevance, and Competitiveness of Higher Education Program
3. Executing Agency	: Ministry of Research, Technology, and Higher Education
4. Implementing Agency	: a. Directorate General of Resources for Sciences, Technology, and Higher Education b. University of Bengkulu
5. Duration	: 36 Months
6. Location	: Bengkulu Province

7. Objectives

- a. To provide educational facilities for the Faculty of Medicine and Health Sciences the University of Bengkulu.
- b. To be an excellent health-based education and research centre in the Province of Bengkulu.
- c. To provide health facilities which are environmentally friendly and responsive in the disaster management.
- d. To provide learning platforms for competent medical personnel that supports the disaster preparedness systems and evacuation of victims by collaborating disaster management systems with IT-based hospital.
- e. To provide services of social health facilities in order to improve the presence of health facilities in the Bengkulu Province.
- f. To establish a community health unit that focuses on education for adaption, mitigation, and disaster management.

8. Scope of Project

- a. Establishment the University Hospital (including infrastructure for IT-based hospital services and management).
- b. Procurement of medical equipment and furniture.
- c. Human resources development through degree and non-degree trainings.
- d. Project management, coordination, and learning.

9. Activities

Activities	Implementation Location	Project Implementation Unit
a. Civil work and installation		

b. IT-based management procurement	Bengkulu Province	a. Directorate General of Resources for Sciences, Technology, and Higher Education b. University of Bengkulu
c. Medical equipment procurement		
d. Consultants		
e. Environmental impact analysis		
f. Provision and contingencies		
g. Project management		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Ministry of Research, Technology, and Higher Education	22,254	0	2,473	24,727	SFD
b. University of Bengkulu					
Total	22,254	0	2,473	24,727	

11. Disbursement Plan*

Disbursement Plan (US \$ 000)			Total
1 st	2 nd	3 rd	
2,993	12,044	7,217	22,254

*) Not included local fund

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil work and installation		14,565			
b. IT-based management procurement			558	35	
c. Medical equipment procurement	2,310		1,946		842
d. Consultants	313			2,264	
e. Environmental impact analysis	40				

f. Provision and contingencies					1,236
g. Project management	618				
Total	3,281	14,565	2,504	2,299	2,078

13. Program Reference

BB-ID: BB-1519-R0-17

Kementarian Agama/
Ministry of Religious Affairs

1. **Project Title** : **The Development of UIN Maulana Malik Ibrahim Malang Phase II East Java Project**
 2. **Program Title** : Improving Access, Quality, Relevance, and competitiveness of Islamic Higher Education Program
 3. **Executing Agency** : Ministry of Religious Affairs
 4. **Implementing Agency** : UIN Maulana Malik Ibrahim Malang
 5. **Duration** : 48 months
 6. **Location** : Malang District and Batu City, Province of East Java
-

7. Objectives

- a. To develop UIN Maulana Malik Ibrahim Malang institutional capacity, quality learning process, and research capacity through the establishment of the Faculty of Medicine, Faculty of Pharmacy, Faculty of Engineering, Research and Data Center, and other supporting facilities academic activities and the quality of teaching and learning process.
- b. To improve access to higher education through development of UIN Maulana Malik Ibrahim Malang Ma'had.
- c. To prepare UIN Maulana Malik Ibrahim transformation into a World Class University.

8. Scope of Project

- a. Construction of classroom buildings and laboratories for Faculty Medicine, Faculty of Pharmacy, and Faculty of Engineering.
- b. Construction of research and data centre.
- c. Construction of Ma'had buildings (dormitories).
- d. Construction of Islamic Tutorial Center.
- e. Land development and supporting infrastructures.
- f. Procurement of equipment and furniture.
- g. Consultant services (PMSC and EQC).
- h. Post graduate program and training development.
- i. Curriculum development program.
- j. Project Management Unit (PMU).
- k. Project financial auditing.
- l. Start-up workshop.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Construction works and infrastructure	Malang District and Batu City, Province of East Java	UIN Maulana Malik Ibrahim Malang
b. Procurement of equipment and furniture		
c. Consultant services (PMSC and EQC)		
d. Post graduate program and training development		
e. Curriculum development program		
f. Project Management Unit (PMU)		
g. Project financial auditing		
h. Start-up workshop		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
UIN Maulana Malik Ibrahim Malang	55,650	0	9,350	65,000	SFD
Total	55,650	0	9,350	65,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)				Total
1 st	2 nd	3 rd	4 rd	
2,043	19,696	22,798	20,463	65,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil works and infrastructure		39,432			
b. Procurement of equipment and furniture			12,467		
c. Consultant services (PMSC and EQC)	1,060				
d. Post graduate program and training development				4,642	
e. Curriculum development program					1,157
f. Project management unit	212		37		
g. Project financial auditing	64				
h. Start-up workshop	20				
i. Others					5,909
Total	1,356	39,432	12,504	4,642	7,066

13. Program Reference

BB-ID: BB-1519-R0-18

Kementerian Ketenagakerjaan/
Ministry of Manpower

-
1. **Project Title** : **Maritime Vocational Training Center in Serang**
 2. **Program Title** : Improving Labor Competitiveness Program
 3. **Executing Agency** : Ministry of Manpower
 4. **Implementing Agency** : a. Directorate General of Training and Productivity,
Ministry of Manpower
b. Maritime Training Center
 5. **Duration** : 36 months
 6. **Location** : Serang, Province of Banten
-

7. **Objectives**

To preparation of skilled and competent labor in the maritime field.

8. **Scope of Project**

- a. Preparation of program and training on electrical and welding.
- b. Preparation of the infrastructure building workshop and vocational welding and electrical classrooms.
- c. Procurement of welding and electrical training equipment at BBPLK Serang.
- d. Training of trainers (ToT).

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Equipment procurement	Serang, Province of Banten	a. Directorate General of Training and Productivity, Ministry of Manpower b. Maritime Training Center
b. Construction of building		
c. Instructor training		
d. Program development, module and training management		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total*	
a. Directorate General of Training and Productivity, Ministry of Manpower	17,700	0	0	17,700	Austria
b. Maritime Training Center					
Total	17,700	0	0	17,700	

*) Equivalent EUR 14,290

11. Disbursement Plan

Disbursement Plan (US \$ 000)			Total
1 st	2 nd	3 rd	
15,954	873	873	17,700

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Equipment procurement	11,839				
b. Construction of building		3,419			
c. Infrastructure training				725	
d. Program development, module and training management				1,717	
Total	11,839	3,419		2,442	

13. Program Reference

BB-ID: BB-1519-R0-26

-
1. **Project Title** : **Maritime Vocational Training Center in Medan**
 2. **Program Title** : Improving Labor Competitiveness Program
 3. **Executing Agency** : Ministry of Manpower
 4. **Implementing Agency** : a. Directorate General of Training and Productivity,
Ministry of Manpower
b. Maritime Training Center
 5. **Duration** : 24 months
 6. **Location** : Medan, Province of North Sumatra
-

7. **Objectives**

To preparation of skilled and competent labor in the maritime field.

8. **Scope of Project**

- a. Preparation of program and training on maritime tourism and joinery.
- b. Preparation of the construction of tourism building and renovation of existing joinery hall.
- c. Procurement of tourism vocational training equipment and joinery in Maritime Training Center.
- d. Training of trainers (ToT).

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Equipment procurement	Medan, Province of North Sumatra	a. Directorate General of Training and Productivity, Ministry of Manpower of the Republic of Indonesia b. Maritime Training Center
b. Construction of building		
c. Instructor training		
d. Program development, module and training management		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
a. Directorate General of Training and Productivity, Ministry of Manpower	15,300	0	0	15,300	Austria
b. Maritime Training Center					
Total	15,300	0	0	15,300	

*) Equivalent EUR 12,293

11. Disbursement Plan

Disbursement Plan (US \$ 000)		Total
1 st	2 nd	
14,670	630	15,300

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Equipment procurement	8,667				
b. Construction of building		4,324			
c. Instructor training				508	
d. Program development, module and training management				1,801	
Total	8,667	4,324		2,309	

13. Program Reference

BB-ID: BB-1519-R0-26

-
1. **Project Title** : **Maritime Vocational Training Center in Makassar**
 2. **Program Title** : Improving Labor Competitiveness Program
 3. **Executing Agency** : Ministry of Manpower
 4. **Implementing Agency** : a. Directorate General of Training and Productivity,
Ministry of Manpower
b. Maritime Training Center
 5. **Duration** : 24 months
 6. **Location** : Makassar, Province of South Sulawesi
-

7. **Objectives**

To preparation of skilled and competent labor in the maritime field.

8. **Scope of Project**

- a. Preparation of program and training on automotive/maritime engines, electrical, metal, wood, maritime wood-glasfiber and welding.
- b. Preparation of the construction of metal, maritime wood-glasfiber, and welding workshops building.
- c. Procurement of automotive/maritime engines, electrical, metal, maritime wood-glasfiber and welding training equipment.
- d. Training of trainers (ToT).

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Equipment procurement	Makassar, Province of South Sulawesi	a. Directorate General of Training and Productivity, Ministry of Manpower b. Maritime Training Center
b. Construction of building		
c. Infrastructure training		
d. Program development, module and training management		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total*	
a. Directorate General of Training and Productivity, Ministry of Manpower	13,600	0	0	13,600	Austria
b. Maritime Training Center					
Total	13,600	0	0	13,600	

*) Equivalent EUR 11,000

11. Disbursement Plan

Disbursement Plan (US \$ 000)		Total
1 st	2 nd	
13,122	478	13,600

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Equipment procurement	3,709				
b. Construction of building		6,182			
c. Infrastructure training				2,473	
d. Program development, module and training management				1,236	
Total	3,709	6,182		3,709	

13. Program Reference

BB-ID: BB-1519-R0-26

*Kementarian Pertanian/ Ministry of
Agriculture*

-
1. **Project Title** : **Development of Integrated Farming System in Upland Areas**
 2. **Program Title** : Provision and Development of Agriculture Infrastructure Program
 3. **Executing Agency** : Ministry of Agriculture
 4. **Implementing Agency** : Directorate General of Agricultural Infrastructure and Facilities, Ministry of Agriculture
 5. **Duration** : 60 Months
 6. **Location** : Banten, West Java, Central Java, East java, West Nusa Tenggara, North Sulawesi, and Gorontalo Province
-

7. Objectives

- a. To build agricultural areas for food crops, horticulture and livestock.
- b. To build irrigation systems and implement farming patterns.
- c. To build a nursery centre.
- d. To build the modernization of agriculture through the provision of agricultural machinery, agricultural production facilities, and post-harvest handling equipment.
- e. To strengthen/improve the institutional capacity of farmers through training and mentoring activities towards professional institutions.
- f. To increase and expand market access from agricultural commodities.
- g. To increase the capacity of central staff, agricultural services and farmers in the management of modern farming activities.

8. Scope of Project

- e. Infrastructure development for productivity enhancement and resilience buiding.
- f. Agribusiness development and clivelihoods facilitation.
- g. Strengthening institutional delivery system.
- h. Project management support.

9. Activities

Activities	Implementation Location	Project Implementation Unit
a. Infrastructure development	Banten, West Java, Central Java, East Java, West Nusa Tenggara, North	Directorate General of Agricultural Infrastructure and Facilities, Ministry of Agriculture
b. Agribusiness development and livelihoods facilitation		
c. Strengthening institutional delivery system		

d. Project management support	Sulawesi, and Gorontalo Province	
-------------------------------	--	--

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Directorate General of Agricultural Infrastructure and Facilities, Ministry of Agriculture	70,000	0	24,500	82,250	IDB
	50,000			62,250	IFAD
Total	120,000	0	24,500	144,500	

11. Disbursement Plan

Disbursement Plan (US \$ 000)					Total
1 st	2 nd	3 rd	4 th	5 th	
5,154	20,614	41,229	25,768	27,235	120,000

12. Funding Allocation*

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Infrastructure development		69,586			
b. Agribusiness development and livelihoods facilitation		18,239			
c. Strengthening institutional delivery system	3,800				
d. Project management support	11,447				
e. Contingency					16,928
Total	15,247	87,825			16,928

*) Not included local fund

13. Program Reference

BB-ID: BB-1519-R0-24

-
1. **Project Title** : **Youth Employment And Entrepreneurship Support Services (YESS)**
 2. **Program Title** : Agriculture Extension, Education, and Training Improvement Program
 3. **Executing Agency** : Ministry of Agriculture
 4. **Implementing Agency** :
 - a. National Agricultural Education Center, Ministry of Agriculture
 - b. National Agricultural Training Center, Ministry of Agriculture
 - c. State Agriculture Vocational High School
 - d. District Agriculture Vocational High School
 - e. Provincial Agricultural Training Center
 5. **Duration** : 72 Months
 6. **Location** : West Java, East Java, South Kalimantan, and South Sulawesi Province
-

7. **Objectives**

Rural youth gain a stable and sufficient livelihood through employment and entrepreneurship in the agriculture-based sector

8. **Scope of Project**

- a. Knowledge and experience transfer (training, workshop, internship, guidance, and meeting);
- b. Establishment and operation of business center and purchase of agricultural machinery, tools, fertilizer, chemicals and seed;
- c. Farm production (food crops, horticultural crops, livestock and estate crops);
- d. Fund management (farmer to farmer training activities and farm facility renting activities);
- e. Construction of center and equipment of IT system and networks;
- f. Management support.

9. **Activities**

Activities	Implementation Location	Project Implementation Unit
a. Rural youth transition to work	West Java, East Java, South	a. National Agricultural Education Center, Ministry of Agriculture

b. Rural youth entrepreneurship	Kalimantan, and South Sulawesi Province	b. National Agricultural Training Center, Ministry of Agriculture
c. Investing for rural youth		c. State Agriculture Vocational High School
d. Enabling environment for rural youth		d. District Agriculture Vocational High School e. Provincial Agricultural Training Center

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Agency of Agricultural Extension and Human Resource Development	55,300	2,000	7,980	65,280	IFAD
Total	55,300	2,000	7,980	65,280	

11. Disbursement Plan

Disbursement Plan (US \$ 000)						Total
1 st	2 nd	3 rd	4 th	5 th	6 th	
3,501	11,377	9,191	10,948	10,864	9,419	55,300

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Rural youth transition to work	980	0	784	4,088	0
b. Rural youth entrepreneurship	4,547	0	11,544	770	3,128
c. Investing for rural youth	3,756	0	421	3,918	4,5
d. Enabling environment for rural youth	6,725	0	979	5,782	3,378
Total	16,008	0	13,728	14,558	11,006

13. Program Reference

BB-ID: BB-1519-R0-25

Lembaga Ilmu Pengetahuan Indonesia/
Indonesian Institute of Sciences

1. **Project Title** : **Procurement of Multi Purposes Research Vessels**
 2. **Program Title** : Marine Research Development Program
 3. **Executing Agency** : Indonesian Institute of Sciences
 4. **Implementing Agency** : Deputy Chairman of Earth Science
 5. **Duration** : 36 months
 6. **Location** : DKI Jakarta Province*
-

7. **Objectives**

- a. To surveys of physical and chemical oceanography, bottom bathymetry, marine geology, seismic, marine biology and fisheries.
- b. To increase the capacity and capability of Indonesian researchers to reveal the potential natural marine resources in Indonesian waters.

8. **Scope of Project**

- a. Preparation and development of technical design
- b. The construction of 1 new vessel and installment of scientific instrument
- c. Retrofit of KR. Baruna Jaya VIII
- d. Supervision of vessel construction
- e. Capacity buliding (training and familiarization, joint expedition, oversea degree program)
- f. Testing, commissioning and handover including general maintenance

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Preparation and development of technical design	DKI Jakarta Province*	Deputy Chairman of Earth Science
b. The construction of vessel and installment of scientific instrument		
c. Retrofit of KR. Baruna Jaya VIII		
d. Supervision of vessel construction		
e. Capacity building		
f. Testing, commissioning and handover		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Deputy Chairman of Earth Science	107,950	0	2,950	110,900	AFD
Total	107,950	0	2,950	110,900	

11. Disbursement Plan

Disbursement Plan (US \$ 000)				Total
1 st	2 nd	3 rd	4 th	
38,960	49,940	14,900	4,200	110,900

*) Development of research vessels will be carried out in abroad (in the donor country and in Indonesia)

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Construction		64,000			
b. Retrofit		28,000			
c. General maintenance	7,500				
d. Capacity building				10,400	
e. Project management	1,000				
Total	8,500	92,000		10,400	

13. Program Reference

BB-ID: BB-1519-R1-35

*Badan Meteorologi Klimatologi
dan Geofisika/The Agency for Meteorology,
Climatology, and Geophysics*

-
1. **Project Title** : **Strengthening Climate and Weather Service Capacity-Phase II**
 2. **Program Title** : Program for Development and Guidance of Meteorology, Climatology, and Geophysics
 3. **Executing Agency** : The Agency for Meteorology, Climatology, and Geophysics (BMKG)
 4. **Implementing Agency** : The Agency for Meteorology, Climatology, and Geophysics (BMKG)
 5. **Duration** : 72 months
 6. **Location** : Nationwide
-

7. **Objectives**

To establish a comprehensive weather and climate information system, in particular better early warning systems for the whole Indonesian continent and to improve the dissemination of the related information to entire community, including aviation, maritime activities, and the general public.

8. **Scope of Project**

- a. Scaling-up BMKG climate and weather service capacity (SUS).
- b. Development of maritime meteorological information system (MMS).

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Scaling-up BMKG climate and weather service capacity (SUS)	Nationwide	The Agency for Meteorology, Climatology, and Geophysics
b. Development of maritime meteorological information system (MMS)		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
The Agency for Meteorology, Climatology, and Geophysics	78,900	0	13,169	92,069	France
	71,100	0	7,224	78,324	AFD
Total	150,000	0	20,393	170,393	

11. Disbursement Plan*

Disbursement Plan (US \$ 000)							Total
Source	1 st	2 nd	3 rd	4 th	5 th	6 th	
France	15,875	15,767	23,610	15,573	8,075	0	78,900
AFD	0	9,590	21,072	21,145	13,282	6,012	71,100
Total	15,875	25,357	44,682	36,718	21,357	6,012	150,000

*) Not included local fund

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Others
a. Scaling-up BMKG climate and weather service capacity (SUS)			29,000		
b. Development of maritime meteorological information system (MMS)			121,000		
Total			150,000		

*) Not included local fund

13. Program Reference

BB-ID:BB-1519-R0-28

***PT. SMI/ Indonesia Infrastructure Finance
Company***

- | | |
|-------------------------------|--|
| 1. Project Title | : Increasing PT Indonesia Infrastructure Finance Financing Capacity in Accelerating Infrastructure Development in Indonesia |
| 2. Program Title | : Infrastructure Development Financing Program |
| 3. Executing Agency | : Indonesia Infrastructure Finance Company (PT. SMI) |
| 4. Implementing Agency | : Indonesia Infrastructure Finance Company (PT. SMI) |
| 5. Duration | : 48 months |
| 6. Location | : Nationwide |
-

7. **Objectives**

To increase the capacity of capital for financing infrastructure project in Indonesia, mainly:

- a. Expansion of social infrastructure sector includes infrastructure of waste management systems, renewable energy, energy conservation, and urban facilities.
- b. Expansion of agricultural sector includes distribution of food and agriculture.
- c. Expansion of industrial management sector.

8. **Scope of Project**

- a. Futures investment financing.
- b. Working capital financing.
- c. Bridge loan.
- d. Take-out financing.
- e. Promoter financing.
- f. Subordinated loans.
- g. Mezzanine financing.
- h. Equity capital.
- i. Guarantee.
- j. Standby facility.
- k. Loan syndication arranger.
- l. Transaction advisory.
- m. Financial advisory.

9. Activities

Activities	Implementation Locations	Project Implementation Units
a. Fund-based	Nationwide	Indonesia Infrastructure Finance Company (PT. SMI)
b. Non Fund-based		
c. Advisory service		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
Indonesia Infrastructure Finance Company (PT.SMI)	100,000	0	0	100,000	ADB
Total	100,000	0	0	100,000	

11. Disbursement Plan

Disbursement Plan (US \$ 000)				Total
1 st	2 nd	3 rd	4 th	
10,000	30,000	30,000	30,000	100,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Fund-based		100,000			
b. Non Fund-based					
c. Advisory service					
Total		100,000			

13. Program Reference

BB-ID: BB-1519-R1-36

PT. PLN/ State Electricity Company

GB-18-41-0

-
1. **Project Title** : **Hululais Geothermal Power Plant 1 & 2 (2x55 MW)**
 2. **Program Title** : Electricity Infrastructure Development Program
 3. **Executing Agency** : State Electricity Company (PT. PLN)
 4. **Implementing Agency** : State Electricity Company (PT. PLN)
 5. **Duration** : 36 months
 6. **Location** : Bengkulu Province
-

7. **Objectives**

- a. To meet growing electricity demand in Sumatera by increasing power generation installed capacity.
- b. To increase the portion of renewable energy in national energy mix.
- c. To decrease electricity production cost.

8. **Scope of Project**

- a. Construction of 2x55 MW power plant
- b. Construction of 150 kV transmission line

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Construction of 2x55 MW power plant	Bengkulu Province	State Electricity Company (PT. PLN)
b. Construction of 150 kV transmission line		

10. **Funding Source**

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
State Electricity Company (PT. PLN)	204,000	0	0	0	JICA
Total	204,000	0	0	0	

11. **Disbursement Plan**

Disbursement Plan (US \$ 000)			Total
1 st	2 nd	3 rd	
61,200	112,200	30,600	204,000

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Construction of 2x55 MW power plant		204,000			
b. Construction of 150 kV transmission line					
Total		204,000			

13. Program Reference

BB-ID: BB-1519-R0-16

-
1. **Project Title** : **Additional Loan for Peusangan 1 & 2 Hydroelectric Power (87 MW)**
 2. **Program Title** : Electricity Infrastructure Development Program
 3. **Executing Agency** : State Electricity Company (PT. PLN)
 4. **Implementing Agency** : State Electricity Company (PT. PLN)
 5. **Duration** : 48 months
 6. **Location** : Aceh Province
-

7. **Objectives**

- a. To meet growing electricity demand in Sumatera by increasing power generation installed capacity.
- b. To increase the portion of renewable energy in national energy mix and reduce CO₂ emissions.
- c. To decrease electricity production costs by replacing of expensive power plants during peak loads.

8. **Scope of Project**

- a. Civil works.
- b. Metal works.
- c. Electromechanical.
- d. Construction of 150 kV transmission line substations.
- e. Consulting services.

9. **Activities**

Activities	Implementation Locations	Project Implementation Units
a. Civil works	Aceh Province	State Electricity Company (PT. PLN)
b. Metal works		
c. Electromechanical		
d. Construction of 150 kV transmission line and substation		
e. Consulting service		

10. Funding Source

Implementing Agency	Funding (US \$ 000)				Source
	Loan	Grant	Local	Total	
State Electricity Company (PT. PLN)	131,045	0	8,986	140,032	JICA
Total	131,045	0	8,986	140,032	

11. Disbursement Plan

Disbursement Plan (US \$ 000)				Total
1 st	2 nd	3 rd	4 th	
39,194	40,258	39,786	20,792	140,032

12. Funding Allocation

Activities	Category (US \$ 000)				
	Services	Constructions	Goods	Trainings	Other
a. Civil works and equipment works		170,160			
b. Consulting service		26,527			
c. Others		6,345			
Total		140,032			

13. Program Reference

BB-ID: BB-1519-R0-16



Kementerian Perencanaan Pembangunan Nasional/ BAPPENAS
Jl. Taman Suropati No.2 Menteng, Jakarta 10310
Fax. (021) 3145374
www.bappenas.go.id