

**MEMORANDUM OF UNDERSTANDING (MOU)
BETWEEN THE
ASIAN DEVELOPMENT BANK (ADB)
AND
THE GOVERNMENT OF INDONESIA**

**REVIEW MISSION
(22 – 30 JUNE 2020)**

**Loan 3440-INO: FLOOD MANAGEMENT IN SELECTED RIVER
BASINS SECTOR PROJECT (FMSRBSP)**

I. INTRODUCTION

1. A loan to the Republic of Indonesia for the Flood Management in Selected River Basins Sector Project (the project) was provided to support the Government of Indonesia (the government) and river-based communities in better managing and mitigating flood risks. The project supports the implementation of the Strategic Plan for Water Resources, 2015–2019 of the Ministry of Public Works and Housing (MPWH).¹

2. The project will finance interventions in the Cidanau–Ciujung–Cidurian (3Cis) river basin territory (RBT) in Banten Province (which is affected by riverine floods) and Ambon–Seram RBT in the Maluku Province (which experiences flash floods). Project interventions will (i) enhance hydrometeorological data and analysis, management, and institutional coordination for managing flood risks; (ii) upgrade and develop flood protection infrastructure; (iii) improve watershed conditions to moderate runoff peaks and soil erosion; and (iv) prepare communities to manage floods. The project will promote effective flood risk management (FRM) by coupling infrastructure investment with supporting software measures.²

3. The impact will be economic and social losses from flood events in selected river basins reduced. The outcome will be flood risks in selected river basins, including those in the 3Cis and Ambon–Seram RBTs, reduced through FRM. The project has four outputs: (i) enhanced planning for flood risk management; (ii) improved land management and upgraded flood infrastructure; (iii) enhanced capacity for community-based flood risk management; and (iv) improved policy, coordination and capacity at national level. It will contribute to the achievement of the government's National Medium-Term Development Plan, 2015–2019 (RPJMN) sector target to reduce the magnitude of economic and social damage due to floods.³ The project was approved on 30 September 2016, loan agreement signed on 2 November 2016, and became effective on 9 December 2016. The loan closing date is 30 June 2023.⁴

¹ Government of Indonesia, MPWH. 2015. *Rencana Strategis Sumber Daya Air, 2015–2019*. Jakarta. The plan calls for a reduction by 200,000 hectares (ha) of the flooded area nationwide by 2019 through a \$3.06 billion investment.

² FRM embraces a range of measures that address three key components: (i) managing flood hazard; (ii) minimizing exposure to flood hazard; and (iii) reducing the vulnerability of people and property exposed. Managing flood hazard involves physical modifications to water flow, such as river infrastructure works, and catchment management measures such as controls over forestry and agricultural practices. Managing exposure to floods involves property acquisition, land use zoning, building codes, planning development controls, and elevated building. Managing flood vulnerability involves nonstructural measures such as community awareness, flood forecasting and warning, preparedness, emergency response, and post-flood early recovery strategies. The FRM process allows these measures to be weighed against physical, social, and economic conditions; and addresses specific issues that characterize each RBT.

³ Government of Indonesia, Ministry of National Development Planning, National Development Planning Agency (BAPPENAS). 2014. *Rencana Pembangunan Jangka Menengah Nasional, 2015–2019*. Jakarta.

⁴ All project documents are available at: <https://www.adb.org/projects/35182-043/main#project-documents>.

II. THE MISSION

4. The objectives of the Mission (the mission)⁵ from 22 to 30 June 2020 were to review the project progress and identify appropriate measures to address implementation problems.⁶⁷

5. The Mission met with the Directorate general of Water Resources (DGWR), MPWH represented by the Directorate of River and Coast (DRC) as Central Project Management Unit (CPMU), the river basin organization (RBO) for the 3Cis RBT - the Balai Besar Wilayah Sungai 3 Cis (BBWS3Cis), the RBO for the Ambon–Seram RBT - the Balai Wilayah Sungai Maluku (BWSM); the Ministry of Home Affairs (MOHA) through the Directorate General of Regional Development (DGRD), the Ministry of Agriculture (MOA) through the Directorate General of Agriculture Infrastructure Affairs (DGAIF); and the Directorate of Water Resources and Irrigation (DWRI), BAPPENAS. The Mission also met with provincial and district planning, agriculture, forestry, public works, and disaster management agencies in both the 3 Cis and Ambon-Seram RBTs. The complete List of Persons Met is in Attachment 1.

6. A kick-off meeting, chaired by BAPPENAS was held on 22 June 2020. Meetings were held to assess progress, identify issues and follow up actions to accelerate project implementation. The mission addressed technical aspects, social and environment safeguards, financial management, procurement, reporting, and monitoring and evaluation. A wrap up meeting, chaired by BAPPENAS, and attended by representatives of the executing and implementing agencies, was held on 30 June 2020. The mission prepared this memorandum of understanding (MOU) which outlines the agreements reached between the mission and the government. The attachments have been reviewed and mutually agreed and form part of the MOU. The agreements set out in this MOU are subject to review and approval by higher authorities of the government and ADB.

III. PROGRESS, FINDINGS, AND RECOMMENDATIONS

A. General Matters

7. **Project Management and Consultant Performance.** While the preparation of non-core subprojects improved since the mobilization of the Flood Risk Management (FRM) international specialist and replacement of some specialists under the consulting service package CS01 (Flood Risk Management and Engineering Services – under DRC), preparation and planning works are still behind schedule and requires intensive review from ADB specialists. The mission noted that limited CS01 consultants have mobilized in Ambon, constraining engineering works and coordination with BWSM and local government agencies. Several CS01 consultants plan to visit Ambon for initial meetings on the Ambon City FRMP and the Wai Ruhu basic design by August 2020. The project management consultant package (CS02 under DRC) has not yet mobilize its social safeguard specialist, which has been vacant since February 2019, despite that it was

⁵ The mission comprised Eric Quincieu, Senior Water Resources Specialist/Mission Leader; Helena Lawira, Project Officer/Co-Mission Leader; Naning Mardinah (Senior Safeguards Officer [Resettlement]); Fitriana Muchtar, Associate Financial Control Officer; Suharyani, Senior Procurement Officer; Dennie Mamonto, Environment Officer; Riana Puspasari, Gender Specialist (Consultant); Eileen Q. Battung, Associate Project Officer; and Cita Ekanijati, Associate Project Analyst. Support from the TA consultant team is gratefully acknowledged.

⁶ This includes the following tasks: (i) assess the status of actions to be taken as agreed during the last review mission; (ii) review institutional, administrative, organizational, technical, environmental, social, economic, and financial aspects of the project based on the assumptions and risks included in the design and monitoring framework; (iii) review compliance with loan covenants; and (iv) update the progress of the project's design and monitoring framework.

⁷ A review mission was planned in Q1 2020 but was postponed at the request of the executing agency which was handling floods in the capital.

agreed during the mid term review mission in July 2019. This hamper social safeguards reporting with the 2018 and 2019 social safeguards semi-annual reports not being submitted to ADB. Likewise, CS02 has not mobilized the gender specialist since 2019, affecting the coordination for the gender action plan (GAP) implementation, monitoring and reporting, resulting in missed opportunities to mainstream gender in project activities. While the Mission appreciates DRC's effort to improve performance of their consultants, with several CS01 experts who have been replaced since 2019, the mission recommends to continuously assess consultant performance. To address above issues and strengthen project management, the mission recommends to:

Action	By	Due by
Mobilize in BWSM (Ambon) a CS01 sub team - to prepare the Ambon Seram RBT FRMP and corresponding subprojects - comprising the following consultants (i) senior FRM specialist; (ii) hydrologist; (iii) hydrodynamic modeler; (iv) structure engineer; (v) sediment/sabo specialist; (vi) social safeguards specialist; (vii) environment safeguards specialist; (viii) conflict resolution specialist; and (ix) CAD operators and assistants.	DRC	Mid July 2020
Mobilize the social safeguards specialist under CS02	DRC	August 2020
Mobilize the social resettlement specialist and the gender and community specialist under CS02 to replace the assigned social, gender and community specialist	DRC	August2020
Assess performance of specialists and request replacement of non-performing consultants under CS01 and CS02	DRC	Continuous
Conduct quarterly progress meetings with all NPIUs, ADB and BAPPENAS	CPMU	Quarterly
Provide ADB with the updated list of focal persons for procurement, financial management, gender mainstreaming, social and environment safeguards, data and information, and communication and outreach including those in sub-national PIUs.	CPMU	Mid July 2020

8. **Reporting.** The CPMU developed an online platform to manage reports from all components. The mission appreciates this initiative which enable ADB and BAPPENAS accessing updated project information for technical review. Reporting on social safeguards will require a more systematic approach to capture field conditions. Agreed actions are to:

Action	By	Due by
Update and track document preparation by updating the DCS and uploading reports in the cloud	CPMU	Weekly
Integrate a standardized internal monitoring template on social safeguards for consultant's use agreeable to ADB	CPMU	31 July 2020
Circulate to ADB, BAPPENAS and local governments technical reports in electronic format	CPIUs/CPMU	Continuous
Submit to ADB the social safeguards semi-annual monitoring reports (2018 SSMRs, and draft 2019 SSMRs, and 2020 SSMR 1) and environment safeguards semi-annual reports (2019 ESMRs) in electronic format	CPMU	2019 SSMR1 by 14 August 2020 2019 SSMR2 by 25 August 2020 2020 SSMR 1 by 28 August 2020 ESMR by 20 August 2020 Then 15 days after the reporting period for subsequent reports

9. **Grievance Redress Mechanism (GRM).** While the GRM for land acquisition for the Cijung core subproject exists, the GRM at agency level need to be strengthened. GRM at RBO

level shall be clearly reflected in safeguards plans.

Action	By	Due by
Provide ADB with copy of decrees for appointment of GRM focal person at BBWS3Cis and BWSM	BBWS3Cis and BWSM	15 July 2020

BBWS = Balai Besar Wilayah Sungai; BWSM = Balai Wilayah Sungai Maluku; GRM = grievance redress mechanism.

10. **Gender Mainstreaming.** The mission appreciates the mobilization of the CS05 gender specialist, which has enabled implementation and reporting of GAP actions under the MOA component. The mission also appreciates the CS06 initiative under MOHA to provide detailed gender disaggregated data and reporting on individual training events, and meetings. To date, out of 15 activities, 10 are on-track (67%), 5 are not yet due. Out of 10 targets, 4 are on track (40%), 5 are off-track, and 1 not yet due. Thus, from total of 25 activities and targets, 14 are on track (56%). The GAP progress is presented in attachment 2. To improve the GAP implementation, the mission recommends to:

Action	By	Due by
Include a Gender Specialist/Gender Focal in FRMP Working Group (Pokja FRMP)	CPIU CS01, CS06	30 September 2020
Submit to ADB FRMPs drafts that incorporate gender and social inclusion features.	CS01	14 August 2020
Revise workplans to include: (i) gender mainstreaming capacity building activities; (ii) gender mainstreaming information dissemination activities; (iii) target at least 40% potential female participants in those 2 activities.	MOA/CS05 MOHA/CS0 6	30 September 2020
Develop materials addressing gender concerns to be incorporated in farmer trainings, water catchment management and conservation material and distributed within local community.	MOA	30 October 2020
Submit to ADB the technical guidance strategy and methodology to be reviewed from a gender inclusiveness perspective	MOHA	31 October 2020
Increase female representation in CBFPM (KMSB) committee to at least 30%	MOHA	30 October 2020
Review and provide gender and participatory social inclusion inputs for KMSB Community Action Plans (RKM)	MOHA	30 October 2020
Submit to ADB information materials to be published to ensure gender and social inclusion elements have been incorporated.	MOHA	30 October 2020

11. **Annual Work Plan (AWP) and Budget allocation.** In 2019, only \$19.8 million was disbursed against a planned disbursement of \$47 million as presented in AWP 2019. This includes disbursement of IDR18.3 billion (\$1.3 million) against an allocation of IDR63 billion (\$4.5 million) allocated for district and provincial led activities in the 2019 AWP under MOHA and MOA components. There were several issues related to the low disbursement for on-granting activities: (i) low district and province budget (DPA) allocations; (ii) complex reimbursement process through CPIU, CPMU and MOF, and (iii) there was no top up of reimbursed fund, so the district and province were only able to disburse up to the allocated DPA for the year without the revolving of the reimbursed fund. So far, local governments have not used the DPA revision process (*APBD perubahan*), to top up the reimbursed fund into the existing DPA allocation once every year. It is noted that district/provincial parliaments have to approve DPA allocation and revision. The undisbursed amounts in 2019 were carried over to 2020.

12. Likewise in 2020, the central government budget allocation (DIPA) and DPA allocations are not aligned with the AWP allocations. The 2020 AWP amounts to IDR456 billion (\$33 million), while the total DIPA and DPA amounts to \$25.3 million. The AWP includes an allocation of IDR146

billion (\$10 million) for local governments led activities through on-granting, while the MOF only allocated IDR88 billion (\$6.3 million) in its DIPA to reimburse those activities. MOF will consider increasing this allocation once the current one be reimbursed to the local governments. The district and provincial agencies allocated IDR121 billion (\$8.6 million) in their respective DPAs, with IDR34 billion (\$2.4 million) for activities under the MOA component, and IDR87 billion (\$6.2 million) for the MOHA component. In Q1 2020 on-granting budget (DPA) were cut in several districts and Maluku province due to the government policy to reallocate funds to address the corona virus (COVID-19) pandemic. MOA and MOHA are requested to report the revised DPAs, and to carry over the savings to 2021. Districts and provinces are requested to optimize on-granting disbursement in 2020, accelerate the reimbursement process, and explore the revolving of reimbursed on-granting fund to be utilized in the same fiscal year. Capitalizing on good practice for other DGWR projects using on granting scheme, the EA will consider sending letters to head of districts and Maluku province to align DPA budget with AWP for the years of 2021 and 2022 commitment. CPMU shall mobilize one additional Project Management Assistant (CS02) to support the regional government in preparation of the accelerated annual and overall program. In Banten province, MOA and MOHA established a joint secretariat in Q1-2020, which will support the acceleration of reimbursement process to MOF and CPMU. Agreed actions are to:

Action	By	Due by
CPIUs to record 2020 on granting budget cuts, and carry over to 2021 AWP	MOA, MOHA	31 July 2020
CPMU to compile the on granting total amount of budget cut in 2020	CPMU	31 August 2020
Districts and provinces to explore the revolving of reimbursed on-granting fund in 2020 to be utilized in the same fiscal year, such as revision of DPA budget, called <i>APBD perubahan</i> .	Districts and province planning agency (<i>Bappeda</i>)	31 July 2020
Update the detailed procurement plan for all MOHA and MOA on granting packages	CS02, MOA, MOHA	17 July 2020
Submit to BAPPENAS 2021 annual work plan	CPMU	30 September 2020
Submit to ADB 2021 annual work plan for approval	BAPPENAS	31 October 2020
Revise the overall work plan	CPMU	30 November 2020

13. **Financial Management and Audit.** Processing of withdrawal applications (WA) and reimbursement of on granting activities is delayed by lengthy process at CPMU level and lack of guidance from the financial management specialists at CPMU, MOHA and MOA to the district and provincial agencies. The documentation for reimbursement submitted to CPMU is also often incomplete. Backlog or expenditures utilizing advance account is not reported to ADB resulting in delayed liquidation/replenishment (i.e. US\$1.2 million or 41% of the initial advance deposited in Bank Indonesia). On 20 April 2020, the State Audit Agency (BPK) informed that the FY2019 audit report will be completed by Q3 2020 due to COVID-19. To address those issues the following actions have been agreed:

Action	By	Due by
Operationalize the tracking system for processing of on granting reimbursement activities after verification of documents by CPIU	CPMU, MOA, MOHA	Immediate
Mobilize financial assistant in provincial and district agencies to accelerate utilization of on granting funds.	CS02	17 July 2020
Provide guidance/checklist (to PPIUs and DPIUs) of required documents in preparation/submission of reimbursement of on-granting activities	CS02	31 July 2020
Submit WAs to ADB for on-granting activities and CW04A initial payment	CPMU	31 July 2020

Provide training on CPD to CPIU, CPMU and others	ADB	As needed
Provide ADB with an update on the refund to the advance account for travel expenditures and VAT of vehicles as recommended by BPK in the APFS FY2018	DGWR	31 July 2020
Submit APFS FY2019 to ADB	CPMU	31 Dec 2020

14. **Implementation, Procurement and Disbursement Plans** The mission updated the procurement plan (Attachment 3) and will request for approval from ADB to disclose this on the ADB website. All project activities are expected to be completed within the original period. The contract awards and disbursement projections have been revised and agreed with the executing agency. Detailed contract awards and disbursement projections for 2020 are presented in Attachment 4. Reallocation from MOA and MOHA CDD components to civil works will be assessed in Q4 2020, depending on the implementation progress. Despite extensive consultations, the CPMU has not yet submitted the updated Project Administration Manual (PAM) to ADB, which was due in September 2019. It is noted that in April 2020, ADB approved MOA proposal to revise the PAM.

Action	By	Due by
Update contract awards and disbursement projections	CPMU	10 July 2020 then quarterly
Submit the updated PAM to ADB	CPMU	30 July 2020

15. **Monitoring.** The CPMU developed a web based geospatial project performance monitoring system (PPMS), complementing those developed by MOA and MOHA. However all information is not up to date. Simple reporting on a more regular basis is also needed.

Action	By	Due by
Update information in the overall project PPMS	CS02	3 July 2020 and then weekly
Present agency based PPMS to ADB and BAPPENAS	NPIUs	mid July 2020
Update the project trackers on a biweekly basis	CPMU	30 July then biweekly

16. **Progress Against the Design and Monitoring Framework (DMF) Activities and Compliance with Loan Covenants.** The mission updated the progress of each indicator in the DMF (Attachment 5). The mission also reviewed compliance with loan covenants (Attachment 6). Out of the 49 covenants, 3 are not yet due and 46 are being complied with.

B. Specific Issues per Outputs

1. Enhanced Planning for Flood Risk Management

17. **Hydrological and hydrodynamic Modeling and FMRPs.** Topographic, bathymetric, light detection and ranging (LIDAR), geotechnical and baseline surveys have been completed. Accordingly, the CS01 consultants refined the RBT-wide two dimensional hydrodynamic models to simulate floods impacts and developed landslide risks modeling to assess structural and watershed management options as the basis for development of the FRMPs and investments. Simulated flood prone areas without project interventions are:

River basin	Flood prone area (ha)
3Cis RBT	
Ciujung	6,934
Cidurian	4,751
Cidanau	3,127
Ambon – Seram RBT	

Way Ruhu	107.27
Batu Merah	29.61
Batu Gadj	47.06
Way Tomu	51.17
Way Batugantung	54.49
Total	15,102

Return period of Q25
Source: CS01 simulations

18. CS01 drafted the FRMPs, integrating existing sectoral plans (forestry, disaster management, spatial plans etc) and considering long term trends in climate change, land use change and socioeconomic dimensions. Consistent with the FRM approach promoted under the project, the FRMPs will present detailed hazard, vulnerability, exposure, and risks maps and will rank the merit for each proposed intervention based on social, environment, financial and economic considerations. DRC established a working group to guide the FRMPs preparation.⁸ The BBWS3Cis and BWSM are planning to conduct public consultations in July and August 2020 to get feedback from local governments and civil society organizations (CSOs) on the proposed FRMPs.

Action	By	Due by
Establish local Working Groups in 3-Cis and Ambon Seram RBTs to review the FRMPs	BBWS3Cis/BWSM	July-August 2020
FRMPs public consultations through video conference	BBWS3Cis/BWSM	September 2020
Final FRMPs for 3Cis and Ambon- Seram RBTs	CS01	February 2021

19. **Hydrometeorological network improvement and Flood Forecasting Early Warning Systems (FFEWS).** The CS01 Hydrologist completed the review of the hydrometeorological network rationalization plans, as the basis for improving the hydrometeorological networks in the 3Cis and Ambon-Seram RBTs. Technical specifications for hydrometeorological network and FFEWSs are being prepared for the Cijung and Batu Merah river basins. The systems functionalities will be expanded to better monitor water resources in general including drought.

Action	By	Due by
Submit to ADB technical specifications and bidding documents for the purchase of hydrometeorological equipment and FFEWSs for Cijung and Batu Merah river basins.	CPMU	10 July 2020
Purchase, install, and calibrate equipment	BBWS3Cis/ BWSM	Nov 2020

20. **Institutional Strengthening for FRM.** MOHA has coordinated with the TKPSDA (river basin council) of Banten Province and collected provincial and district development plans and flood related regulations, including flood hazard, vulnerability and risk mapping at district level. Head of district of Lebak, Serang and Pandeglang and Ambon city major issued decrees related to villages affected by floods in 2018-2019 that should be prioritized for project interventions. Local government plans need to be synchronized with the flood modelling, flood prone maps results, and the FRMPs. Once the FRMPs are finalized, including the flood prone maps, MOHA will support local governments to align their development and sectoral plans with the FRMPs.⁹ MOHA started the discussion with the local governments in October 2019 for assessing building code

⁸ Currently the FRMP working group is composed of consultant team CS01, CS02, CS04, CS05 and CS06. It is expected to be expanded to a formal working group, including government representatives.

⁹ It is noted that district of Pandeglang and Serang will have election in 2020, so that their respective district midterm development plans will also be updated.

and will continue providing inputs to the formulation of detailed spatial plans (RDTR) to ensure that zones prone to floods are properly annotated in the RDTR. In order to have an integrated FRMP with the city and provincial planning, MOHA requested for CPMU support, through CS-01, for the urban drainage masterplan for the city and districts where urban drainage masterplan is not available. The Lebak district planning agency requested to include the environment agency as project implementing agencies for on-granting activities, in response to the solid waste issues after the flood in early 2020. MOHA requested the detailed workplan to be discussed for the annual workplan 2021.

Action	By	Due by
Assess solid waste management practices in Banten province with recommendations, and action plan for addressing any technical, social and institutional issues that need attention	MOHA	December 2020
Assess and consider the option and possibility of establishing the Environmental Agency of one or more of the 3 participating Dsitricks in Banten province, as a DPIU (or KPIU) to deal with solid waste management. Consider also alternative options for including solid waste management among FMSRB 2021 and 2022 AWP activities.	CPMU/ MOHA	31 October 2020

2. Improved Land Management and Upgraded Flood Infrastructure

21. **Infrastructure Subproject Preparation.** Preparation of non-core subprojects is at different stages with CS01 preparing the subproject summary report (SRR), economic and financial analysis (EFA), land acquisition and resettlement plan (LARP) and initial environment examination (IEE) for each of them. Travel restrictions due to COVID-19 delayed field works and consultation processes. As the situation is evolving, the CS01 team will consider resuming field works following health protocols set by the government. The progress is presented in the table 1 below. The mission reminded DRC that (i) SSR for each subproject should be consulted with local governments and CSOs and will integrate village level activities supported by MOHA; (ii) climate change, land use change, nature based solutions, and seismic resilience aspects should be considered at planning and design stages for infrastructure subprojects. Savings from other components, if any, are proposed to finance civil works as the current allocation is not enough to fund all subprojects.

Table 1: Subproject Preparation Plan

Subproject	Est. Value (\$ m)	SSR	AMDAL/IEE	LARP/PENLOK ¹⁰	DED	Tendering	Contracting	Construction
Construction financed under the project								
CW03 Cujung river stretch downstream of the Core subproject to the toll road	22.5	Revised SSR to EA/ADB on 6 July 2020	AMDAL addendum completed in August 2019. Revised IEE to be submitted on 6 July 2020	LARP to be submitted to EA/ADB by 30 July 2020 PENLOK issued by February 2020 (up to 300 m downstream of the toll road) and to be updated by 2020 (up to 2,000 m downstream of the toll road) LAP for additional land along 2 km downstream has not been submitted to the Governor for PENLOK. Land acquisition for 4,8 km to be completed by December 2020.	Completed in 2017, reviewed by the Engineering Consultant (CS01)	To be advertised by July 2020 (1S1E)	Award of contract expected by November 2020	A construction period of 24 months.
CW04B Upgrade of Rinjani Retention Basin, Normalization and Parapet Wall in lower Batu Merah	10.7	Revised SSR to EA/ADB by 3 July 2020	AMDAL addendum to be endorsed by September 2020 Revised IEE to be completed in July 2020	LARP to be submitted to EA by September 2020, and to ADB by September 2020 PENLOK issued by March 2021 Land acquisition to be completed by Q2 2021	Completed	To be advertised by July 2020	Award of contract expected by November 2020	A construction period of 24 months
CW06A Upper Way Ruhu River Basin in the Ambon – Seram RBT	5.3	To be submitted to EA/ADB by September 2020	AMDAL to be completed by xxx IEE to be completed in September 2020	LARP to be submitted to EA/ADB by December 2020 PENLOK issued by March 2021 Land acquisition to be completed by July 2021	To be completed by December 2020	To be advertised by January 2021	Award of contract by May 2021	Construction period is 18 months.
CW06B Middle and Lower Way Ruhu River	5.3	To be submitted to EA/ADB by September	AMDAL to be completed by xxx	LARP to be submitted to EA/ADB by December 2020 PENLOK issued by March	To be completed by December 2020	To be advertised by January 2021	Award of contract by May 2021	Construction period is 18 months.

¹⁰ DGWR is responsible for DIPA allocation to finance land acquisition.

Subproject	Est. Value (\$ m)	SSR	AMDAL/IEE	LARP/PENLOK ¹⁰	DED	Tendering	Contracting	Construction
Basin in the Ambon – Seram RBT		2020	IEE to be completed in September 2020	2021 Land acquisition to be completed by July 2021				
Construction financed under other funding source								
CW07 Way Tomu River Basin in the Ambon – Seram RBT	1.7	To be completed by 2021	IEE to be completed by 2021	LARP to be completed by 2021	To be completed by 2021			
CW08 Batu Gajah River Basin in the Ambon – Seram RBT	1.7	To be completed by 2021	IEE to be completed by 2021	LARP to be completed by 2021	To be completed by 2021			
CW09 Batu Gantung River Basin in the Ambon – Seram RBT	1.7	To be completed by 2021	IEE to be completed by 2021	LARP to be completed by 2021	To be completed by 2021			
CW10 Rangkas Bitung (3Cis)	5.0	To be completed by 2022	IEE to be completed by 2022	LARP to be completed by 2022	To be completed by 2022			
CW11 Lower Ciujung	5.0	To be completed by 2022	IEE to be completed by 2022	LARP to be completed by 2022	To be completed by 2022			
CW12 Cidurian		To be completed by 2022	IEE to be completed by September 2022	LARP to be completed by 2022	To be completed by 2022			
CW13 Cidanau		To be completed by 2022	IEE to be completed by 2022	LARP to be completed by 2022	To be completed by 2022			

ADB = Asian Development Bank; AMDAL = government IEE; DED = detailed engineering design; DGWR = Directorate General of Water Resources; EA = executing agency; IEE = initial environmental examination; LARP = land acquisition and resettlement plan; SSR = subproject summary report.

22. **CW03 Subproject Preparation.** ADB approved the bidding documents for the CW03 subproject on 27 April 2020. This subproject will upgrade Ciujung river flood protection starting downstream of the core subproject up to 2 km downstream of the toll road. As presented in Table 1, the CS01 will revise the SSR, EFA, IEE and LARP to address ADB’s comments. Once constructed, the flood protection infrastructure will free the toll road from floods for a return period of Q25. The contract award is expected by November 2020. SSR, EFA, LARP, and IEE should be approved by ADB, and the recruitment for the external monitoring agency being initiated before contract signing.

23. **LARP Preparation.** ADB reviewed the draft CW03 LARP. The BBWS3Cis needs to carry out additional inventory of loss for the remaining land along the 2 km of the river downstream of the toll road, which was not covered in the original scope for the CW03 LARP. The revised LARP covering the full CW03 area shall be officially submitted to ADB for approval by 30 July 2020. The livelihood restoration program or social action plan (LRP/SAP) for vulnerable groups and severely affected persons is being prepared for discussion with the Serang district Bappeda on the first week of July 2020. The mission suggests the BBWS3Cis to collaborate with NGOs specialized in economic empowerment to improve the effectiveness and sustainability of the LRP. An MOU between the BBWS3Cis and the Serang District to fund and implement the LRP is expected to be obtained by third week of July 2020. ADB’s approval for the final LARP will be required for signing of the civil works contract. BBWS3Cis will disclose the LARP to the affected persons and stakeholders in the form of leaflets, and the approved LARP will be disclosed on ADB and project’s websites. Banten Governor issued the project location determination (PENLOK) for 126,35 ha on 25 February 2020. This PENLOK also covers the remaining 30 ha of land needed for the CW01 and CW02 works. The Mission encouraged BBWS3Cis to submit a request for PENLOK covering the remaining area (i.e. 2 km river reach downstream of the toll road) in 2020. The task forces under the land acquisition implementation team will conduct detailed measurement survey in July–August 2020. An independent appraiser will complete the compensation valuation by first week of November 2020, which will be consulted with affected persons during the same week. The delivery of compensation payment will start in December 2020.

Action	By	Due by
Submit the LARP to ADB for approval	DGWR	30 July 2020
Obtain a written agreement on SAP/LRP from Serang District	BBWS3Cis	25 July 2020
ADB’s approval on LARP	ADB	August 2020.
Disclose the LARP to the affected persons and stakeholders	BBWS3Cis	August 2020
Complete the detailed measurement survey	LAIT	Sept – Oct 2020
Submit updated LARP to ADB	BBWS3Cis	October 2020
Compensation valuation by independent appraiser	BBWS3Cis	Sept – Oct 2020
Consultation with affected persons on compensation and payment	BBWS3Cis	Nov – Dec 2020
Submission of LAP for additional land for project location determination to Banten Governor	BBWS3Cis	December 2020

24. **Environment.** The addendum AMDAL document including some design changes for the CW03 subproject was approved on 15 August 2019. However, due to the additional 2 km downstream of the toll road, BBWS3Cis will submit a request to BLH Banten Province for guidance regarding the additional area which has not been included in the approved addendum AMDAL document. The IEE has included information related to the CW03 coverage but still needs to be adjusted with the final Amdal document. ADB reviewed the IEE for CS01 to finalize.

Action	By	Due by
Submit the letter to BLH Banten Province to request guidance regarding the additional area which has not been included in the approved addendum Amdal document.	BBWS3Cis	July 2020
Submit Final CW03 sub-project IEE document to ADB	DRC	3 July 2020

25. **Ciujung core subproject.** Construction progress reached 35% for CW01 and 37% for CW02 with dykes, side drains and bridges being built. The mission appreciates the health and safety measures put in place to address COVID-19. Completion is expected by mid-2021.

26. Land acquisition and resettlement. Compensation has been delivered to the affected households (AHs) for 128 hectares (ha) out of the 158 ha of land needed for this subproject during 2017 and 2018. Out of the 30 ha of land not yet been acquired, 21 ha is government owned land. The remaining 9 ha are the point bar (privately owned land) covering around 196 plots located in five villages. The landowners are entitled compensation for the lost land, and the people occupying the government land for their lost assets. The project location determination for the 30 ha of land was issued by Banten Governor on 25 February 2020. The implementation of land acquisition will be conducted in parallel with CW03 with compensation payment to be provided in December 2020. The Mission reminded that there should not be any depreciation for the lost trees/crops and structures for the compensation payment. Affected persons who occupy or use the government land are entitled for compensation on the lost non-land assets.

27. Livelihood restoration program. The LRP activities planned for 5 years with the budget of IDR 25.4 billion have been implemented for the vulnerable groups and severely affected persons since 2015 by various district sector agencies. The LRP consists of two components: (i) activities to improve quality of life and environment; and (ii) livelihood restoration. 4,287 persons (63% man and 37% women) participated in the program until 2019 with a total budget of IDR10.5 billion or 41% of the planned budget. However, the BBWS3CIS has not provided data on participation of affected households and their opinion on the program. CS01 social safeguard specialist will prepare the program for 2021 – 2025 using the remaining budget, and will discuss with the Serang District Bappeda. The Mission emphasizes that the SAP should focus on the vulnerable and severely affected persons as indicated in the 2017 LARP. The mission recommends the District Bappeda needs to engage a professional NGOs specialized in economic empowerment to support the LRP implementation.

28. Public information Booklet. Updated schedule on construction and compensation payment for remaining 30 ha lands and any other changes should be communicated to the affected households.

29. Construction working zones (CWZ) and Impacts during Construction. The BBWS3Cis should not issue notice to proceed for civil works in any given CWZ unless the land acquisition implementation has satisfactorily completed with payment of compensation and relocation of entitled parties to new site, if any physically relocation, in accordance with the 2017 approved LARP. Impacts during construction should be properly recorded and addressed by the contractor following the involuntary resettlement principles and the agreed entitlement matrix set forth in the approved LARP. The Mission noted that 799 m² of land owned by an affected person in Gandayasa Village who stated in writing that (i) he has no objection if the land was stockpiled with construction material before payment of compensation was given and (ii) fully supported for the work. Compensation of this land is being processed by National Land Agency (BPN) using 2020 budget. The contractor rents 292 m² for this land for the construction of a temporary access road in Gandayasa Village with a fee of IDR 6 million a year. The lease agreement will end of 24 August

2020. The Mission requested BBWS3Cis to investigate if indeed the contractor used more land that entitled by the lease agreement, and in case of non-compliance, to settle the lease payment gap, if any at replacement cost. The Mission requested BBWS3Cis to ensure compliance with the resettlement principles for future construction works. A briefing on involuntary resettlement safeguards to the contractor will be conducted in July 2020.

30. **Environment.** Since CW01 and CW02 works are ongoing, it is necessary to ensure that the environmental management plan (EMP) is being complied with and implemented by the contractor. The Mission requested the BBWS3Cis to prepare semi-annual environmental management and monitoring report as a part of project semi-annual report for ADB review and approval. BBWS3Cis should also submit the semi-annual environmental management and monitoring (RKL/RPL) report to Banten Province Environment Agency (BLH) as required by the Government of Indonesia regulation.

Action	By	Due by
Submit the semi-annual environmental management and monitoring (RKL/RPL) report to Banten Province Environment Agency (BLH)	BBWS3Cis	Every 6 months

31. **External Monitoring.** The draft report has been revised following ADB's comments and is being further reviewed by ADB. The internal and external monitoring reports will be disclosed on ADB and project websites. External monitoring for resettlement activities for non-core sub projects in 3 Cis and Ambon-Seram RBTs (CW03, CW04A, and CW04B) need to be carried out.

Action	By	Due by
Mobilize a National Social Safeguards Specialist under CS01 (new position)	DRC	August 2020
Submit to ADB the LRP implementation report clearly indicating participation of vulnerable groups and severely APs and lesson learned	BBWS3Cis	7 July 2020
Update the public information booklet following the current project progress and distribute it to AHs who haven't receive yet the payment	BBWS3Cis	30 July 2020
Brief the contractors on land acquisition and resettlement safeguards	CS01	14 July 2020
Identify temporary impacts during construction and properly addressed as per provision set forth in the updated LARP	BBWS 3 Cis/contractors	Continuous
Disclose the final external monitoring report on ADB and project websites.	CPMU/ADB	15 July 2020

32. **CW04A subproject.** The CW04A civil works package for the construction of the Petra and Yakobus check dams (package CW04A) in the upper Batu Merah, Ambon, was awarded on 30 March 2020. The works will enable to retain sediment in those Batu Merah tributaries with planned completion by December 2020.

33. **Land acquisition.** ADB approved the final due diligence report (DDR) on acquired land for CW04A on 20 August 2019 and disclosed it on ADB's website. The report should be disclosed on project websites. The mission reminded BWSM to implement corrective actions in 2020, including the establishment of GRM under the BWSM, negotiated land acquisition verification by an independent party, and monitoring of impact of land acquisition. The construction requires additional 1.21 ha of land (0.74 ha for Petra check dam, and 0.47 ha for Yakobus check dam). The 3 households who own this land, were affected by the previous land acquisition as indicated in the DDR. BWSM allocated IDR 1.6 billion for this additional land acquisition. ADB considers the additional land acquisition as involuntary resettlement which require a LARP for ADB approval

prior to compensation payment.

34. Environment. DLH Maluku Province approved the CW04B subproject addendum Amdal document on 21 February 2020. Because of significant dredging material transport needed, an AMDAL Lalin (Environmental Traffic Assessment) will be required. CS01 is finalizing the IEE to address ADB comments.

Action	By	Due by
Establishment of GRM and appointment of GRM focal persons at BWSM	BWSM	July 2020
Implementation of DDR corrective actions for CW04A	BWSM	2020
Submission of LARP for additional land for Petra – Jacobus to ADB	BWSM	August 2020

35. **CW04B subproject**. The CW04B civil works package will upgrade the Rinjani check dam to a retention basin and equip the lower Batu Merah with parapet wall and dredge the last reach through the estuary. This subproject will protect lower Batu Merah from floods by attenuating the flood peak at the Rinjani reservoir. The mission recommended improvement of the design: (i) include gates at the drain outlets in the lower river stretch, (ii) landscaping of the Rinjani and lower Batu Merah river, and (iii) synchronization of the river works with drainage works under a water sensitive approach through the CBFM component. As such, the CS01 will revise the cost estimates and revise the SSR, EFA, LARP and IEE to address ADB comments. CS06 will revise the lower Batu Merah CBFM plans to ensure that the proposed drainage works could accommodate rainwater through provision of underground storage. ADB approved the bidding documents to initiate procurement by mid July 2020. The contract award is expected by November 2020 with the condition that the SSR, EFA, and IEE should be completed and approved by ADB, and the recruitment for the external monitoring agency being initiated before contract signing.

36. Land acquisition. BWSM already acquired 8,093 m² of land in 2018 for CW04B. Land has been cleared and no people are using/occupying the land. The DED indicates that the upgrading Rinjani check dam requires 1.9 ha of land, of which 1.1 ha of privately owned land (18 parcels) needs to be acquired. While ADB considers it is involuntary resettlement, the BBWSM may use eminent domain procedure as set in the land acquisition law for acquiring the land. There has been delays in preparing the LARP due to COVID-19 pandemic by CS01. The draft LARP will be submitted to ADB for approval in October 2020. The Ambon City Government expected that no physical relocation of people since it is very difficult to find land in Ambon. Ambon City (including Batu Merah village where the Rinjani check dam is located) is culturally sensitive and there is very limited land availability in Ambon City for this group. Given the complexity related to land and social issues in Ambon, BWSM was committed to closely collaborate with the local government including land office, Bappeda (*Badan Perencanaan Pembangunan Daerah*) as well as traditional leaders (Raja) to identify suitable relocation area (self-relocation) for the affected persons. BWSM will coordinate with the Ambon City to formalize LRP/SAP through MOU.

Action	By	Due by
Submission of LARP for CW04B to ADB	BWSM	October 2020
Allocate budget in 2020 for the land acquisition processing	DRC	July 2020
Coordinate with the local government to request their support for the consultation with the affected persons in Rinjani and support for land acquisition and LRP for all subprojects in Ambon	BWSM	July – Sept 2020
Submit Final CW04B sub-project IEE document to ADB	BWSM	3 July 2020
Recruitment of CS08B (External social safeguards monitoring –Ambon Seram subprojects) - Advertisement on ADB website	DGWR	August 2020

37. **Land management (MOA).** In 2019, on granting reimbursement amounted IDR9.6 billion (\$0.7 million) in all three districts under MOA’s component for 97 farmer groups, which is 41% of the allocated budget (DPA) and 18% of the 2019 AWP. For 2020, the ceiling of each district budget (DPA) for on-granting reimbursement is IDR56 billion for Lebak district, IDR25 billion for Pandeglang district, and IDR86 billion for Serang district, totaling IDR96 billion (equivalent to \$6.9 million). Meanwhile, the total 2020 AWP under MOA component is IDR136 billion (\$9.7 million). Based on the evaluation of 2018-2019 activities, MOA proposed several adjustments to improve technical soundness and project performance: (i) organic fertilizer processing units - due to high mortality of buffalo - are changed to land terracing, river bank planting, farm roads, dam trenches, and small reservoir; (ii) project locations to be expanded from Ciujung river basin to 3Cis RBT; (iii) change of farmer group land area from 25Ha to 10Ha; and (iv) infiltration well location will be led by MOA team instead of participatory construction for more effective infiltration. MOA also proposes to simplify the payment scheme to the farmer groups to accelerate on granting disbursement process.

38. As of March 2020, 60 community facilitators verified 235 farmer groups and locations, out of the project target of 246 farmer groups, consisting of 30 farmer groups in Serang district, 130 farmer groups in Lebak district, and 75 farmer groups in Pandeglang district. In Lebak district, there is a significant amount of critical land with unclear status located at the border with the forestry land. It has caused long verification process for the farmer groups and land. The seed supply shortage in 2019 is being managed by purchasing outside Banten province and providing seed shelters to farmers. MOA is continuously working with the district agricultural agency to synergize the land and farmer groups activities with the technical assessment of soil erosion and landslide using Arc GIS/Google Earth from KoboCollect data. In order to manage the additional works in the field, additional detailed engineering design assistants, field assistants, and a gender specialist have been added to CS-05 contract. MOA agreed to:

Action	By	Due by
Finalize the list of farmer groups and the land location	MOA	September 2020
Finalize the list of interventions to be included in the annual workplan 2020 and 2021	MOA	August 2020

39. **Landslide Protection (MOHA).** The communities mostly opted for the construction of retaining walls to protect their land against landslides, especially in Ambon that has many landslide hazard areas with high and steep slope and where the communities are reluctant to have their land reduced by slope reduction intervention. The Mission suggested MOHA to consider a geotechnical survey and soil investigation to design retaining walls. In 2019, Pandeglang and Lebak districts agencies conducted field reconnaissance in landslide prone areas, and started stabilization works in 2020.

40. **Social safeguards for MOA and MOHA Components.** MOA and MOHA applied land donation affected by infrastructure development through the CDD works under their respective components.¹¹ However voluntary donation is not documented and reported properly in the CDD development plans and in quarterly progress reports. The mission requested that any voluntary “donation” either in the form of land rights and land use donations and negotiated settlement should be conducted in a transparent, consistence, and equitable manner; be confirmed through written record; and verified by an independent third party as per provision in the project

¹¹ The average land required for a small/farm pond is 200 – 1,500 m2, while pumping irrigation system requires around xxx m2 provided by the program beneficiaries though the land donation.

resettlement framework. The donation of land should be in line with the provision of voluntary donation set forth in the Resettlement Framework stating that (i) the donation should not exceed 5% of the total land owned by the affected households; (ii) poor and vulnerable households will not be allowed for the donation; (iii) the land is not used for productive purposes; and (iv) household who donate should have land more than 300 m2. ADB shared with MOA and MOHA the template to report voluntary donation. The draft reports on voluntary donation need to be included in the quarterly project progress and submitted it to ADB for review. Screening on Indigenous People safeguard for all past or future activities under the MOA and MOHA, should be carried out and included in the project progress report.

Action	By	Due by
Include voluntary donation plan into RKM and farmer group contract	MOA,MOHA	Before the contract payment
Include report of voluntary donation into the project progress report and submit to ADB and CPMU for review	MOA	Quarterly
Include an updated status of voluntary donations that are a part of implementation of CAP (RKM) proposals into the Consultant quarterly project progress reports and submit to ADB and CPMU for review as Chapter 7 of the reports	MOHA	Quarterly
Include screening on IP safeguard report in the project progress report	MOA, MOHA	Quarterly
Submit to ADB on verification of the voluntary donation by independent party	MOA,MOHA	November 2020

3. Enhanced Capacity for Community-Based Flood Risk Management (CBFRM)

41. **Community mobilization, participatory rapid assessment (PRA), and village plans.** CS01 provided MOHA with the Q-25 flood prone maps in Q1 2020 for Ciujung and Batu Merah watersheds. The maps are the basis to adjust the community based interventions to manage the residual flood in both watersheds. MOHA has requested also for the flood prone maps for the river tributaries of Ciujung and Batu Merah watersheds to better plan activities in residual flood affected villages. MOHA consultant has provided inputs to CS-01 for the development of FRMPs. In developing the community based disaster management group (*Kelompok Masyarakat Sadar Bencana /KMSB*) MOHA categorizes village exposures (i.e. ring 1 villages have higher probabilities of being flooded and ring 2 villages have moderate probabilities to be included in the flood prone area). The KMSB list has been developed based on the flood disaster map from the national disaster management agency and head of district decree. CS-01 has confirmed that all KMSB in Serang district are located in the flood prone areas. The Mission encouraged MOHA to implement a water sensitive approach, including rainfall harvesting, in low income housing such as for Ambon, capitalizing on the Revitalization of Informal Settlement and their Environment (RISE) approach and methodology.¹² As such the mission suggested to pilot rainwater harvesting to demonstrate their benefit to the community.

42. As of Q1 2020, 135 or 98% of the CBFRM plans have been drafted and presented to the local governments:

Location	Number of established community groups	Number of developed community workplan
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¹² In collaboration with Monash University, ADB is preparing the introduction of water sensitive approach for water supply and sanitation in 6 informal settlements in Makassar. <https://www.rise-program.org>

Ambon city : 21 villages	21 community groups (KMSB)	21 draft community workplan (100%);
Pandeglang district: 10 villages	10 community groups	10 draft community workplan (100%);
Serang district: 48 villages	46 community groups	44 draft community workplan (96%);
Lebak district: 61 villages	60 community groups	60 draft community workplan (100%)

43. Due to significant budget cut this year in Ambon city and Maluku province, only few works would be implemented. It is noted that the total on granting allocation in Ambon city and Maluku province is very limited (\$2.5 million) compared to the estimated cost of the community workplan. The mission requested MOHA to facilitate further discussion with CPMU, Bappenas, and the provincial and city governments to resolve the budget and fiscal capacity issues. Several districts in Banten province have started the procurement this year, based on ADB no objection of the procurement plan in February 2020, such as urban drainage system in Serang and Lebak districts, slope strengthening and steep slope reduction in Pandeglang and Lebak districts, and small reservoirs in Lebak district.

Action	By	Due by
Finalize the community (KMSB) CAP/RKM plans with the activities to be funded during 2020 – 2021 in the initial plans, with community CAP/RKM plans for 2022 formulated during 2021	MOHA	30 August 2020
Facilitate discussion with CPMU, Bappenas, and the provincial and city governments to resolve the budget and fiscal capacity issues	MOHA, CPMU, Bappenas	30 August 2020

4. Improved policy, coordination, and capacity at national level

44. **Independent Monitoring and Evaluation.** BAPPENAS awarded the CS04 contract on 22 February 2020. The consultant is developing the GIS platform to monitor the project outcome as basis for the development of the national flood risk management strategy. BAPPENAS will organize the inception workshop by November 2020.

45. **National flood risks management strategy.** Benefiting from the preparation of a national flood risks management roadmap 2020-2030 under RETA 9634: Strengthening Integrated Flood Risk Management; BAPPENAS is expected to consult the draft national FRM strategy in Q4 2020.

Action	By	Due by
Finalize the draft national FRM strategy	BAPPENAS	December 2020
Prepare a capacity development framework covering (i) technical aspects (data management, hydrology and modeling); (ii) social and environment safeguards; (iii) gender mainstreaming; (iv) communication and outreach; (v) financial management; and (vi) procurement	CPMU	September 2020

IV. ACTION PLAN

46. The executing and implementing agencies agreed that actions should be implemented to keep the project's performance on track. All are fully committed to implement (i) outstanding actions from the previous mission time bound action plan, and (ii) this review mission's time bound action plan. The agreed outputs of the action plan will be reviewed after 3 months by ADB and the executing agency. The mission and the executing agency agreed that the next review mission should be fielded by in November 2020 to review the progress of implementation activities.

V. CONCLUSION AND RECOMMENDATION

47. Despite a slow start, the project is showing improvement and tangible results in the field. Preparation of infrastructure subprojects and FRMPs is progressing with quality designs. The mission has concerns on the management of the project with significant delay in submission of social and environment safeguards reports, resulting in non-compliance with the project framework. Actions have been agreed to address those issues. Despite the COVID-19 challenges in the field, CDD activities are expected to significantly progress in 2020. The mission reminded the executing and implementing agencies to give attention to land donation aspects for CDD works. The mission appreciates the protocols put in place to address COVID-19 constraints for civil works and CDD activities. Allocation and performance for each component will be assessed on a quarterly basis and reallocation to finance civil works will be discussed during the next review mission.

48. The mission would like to express its sincere appreciation for the government's support during the mission.

Signed in Jakarta, 30 June 2020

For the Government of Indonesia

For the Asian Development Bank

Bob Arthur Lombogia
Director of River and Coastal
Directorate General of Water Resources
Ministry of Public Works and Housing

Eric Quincieu
Senior Water Resources Specialist/Mission
Leader

Attachments

- 1 - List of Persons Met
- 2 - Gender Action Plan Progress
- 3 - Updated Procurement Plan
- 4 - Revised 2020 Contract Awards and Disbursement Projections
- 5 - Design and Monitoring Framework
- 6 - Status of Loan Covenants

List of Persons Met during the Mid-Term Review Mission

1. DGWR - MPWH	
Bob Arthur Lombogia	Director River and Coastal
Leo Eliasta	Head Sub-directorate of Planning DRC
Roy Panagom Pardede	Head Sub-directorate of Wilayah II DRC
Asdin Julaidy	Head Sub-directorate of Wilayah I DRC
Ari Setyorini	Head Sub-directorate of Pengelolaan PHLN- PJSDA
Hendra Yuldi	Head Section of Wilayah Timur, PPK River and Coastal II Pejabat Pembuat Komitmen II - DRC
Anggun Etika	Head Section of River and Coastal Planning
Laode Bakti	Head Section of Pengelolaan PHLN PJSDA
Aldi Radyanto	Technical Implementer PPK River and Coastal II
Ari Setyorini	Head of Section of Planning DGWR
Dewi Artrishanty	Staff of Section of Pengelolaan PHLN PJSDA
AW Pal Gunadi	Team Leader CS02
Akhmad Supiarma	Environmental Specialist – Consultant CS02
Agus Wibowo	ME specialist –Consultant CS02
Marli Dahyaridi	Financial Management Specialist – Consultant CS02
Rika Komalasari	Secretariat CPMU/ Ass. FMS – Consultant CS02
Yandi Hermawan	Team Leader CS01
Iwan Stefanus	Social Safeguard Specialist – Consultant CS01
Frank van Paassen	Flood Risk Management Specialist-CS01
Johan Subarkah	Economic Expert, CS01
Iwan Sutyoko	Co- TL Consultant CS01
Faisal Setianzah	Resettlement Specialist- CS01
Iwan Setiawan	GIS specialist – Consultant CS01
Eksi Hermayani	Procurement Specialist – Consultant CS01
2. BAPPENAS	
Abdul Malik Sadat Idris	Director of Water Resources and Irrigation
Mohammad Irfan Saleh	Deputy for River, Coast, Lake and Reservoir
Ewin Winata	Deputy director for Institutional of Water Resources Infrastructure
M. Denisyah Afni	Management Information System Staff
Erbi setiawan	Senior Water Resources Expert
Arifin Bakti Nur Rochman	Senior Disaster Management Expert
Chici Ivana Watory	Administration Staff
Zahra Bilqis	Junior Environment Research Assistant
Mutia	Staff
Ega K	Staff
Gatot Imam Sadewo	Staff
Angga Sukmara	Data Analysis Staff
Dian Azmi	Junior Expert Planology
Nadira Desangga Putri	Junior Water Resource Management Expert
Taufiq Rahmat Hidayatullah	Monitoring and Evaluation Expert
Irpan fauzy harahap	Team Leader CS 04 (IME)
Susiani Susanti	IME Specialist – CS04
Indah Permatasari	Consultant CS04
Shafira	Consultant CS04
Valerie Atirza	Consultant CS04
Fajar Nugraha Saefullah	Consultant CS04
Kevin Pantouw	Consultant CS04
Nasya	Consultant CS04

Istiqomah Haq	Consultant CS04
3. DSORGA I – MOHA	
Gunawan Eko Movianto	Head Sub-directorate of Food and Agriculture, DSUP I
Triono Hadi Priyono	Staff of Directorate General of regional Development (Bangda)
Herdiansa Putra	Staff of Directorate General of regional Development (Bangda)
John Duewel	Team Leader CS06
Yuni Pranoto	Co-TL Consultant CS06
Amir	ME specialist – Consultant CS06
Farid Wardji	Financial Management Specialist – Consultant CS06
Owin Jamasy	Empowerment specialist – Consultant CS06
Brida	Consultant CS06
Ilham	Consultant CS06
4. DGAIF-MOA	
Diana Nur Fatimah	Manager Project of FMSRB
Eka Susanti	Head of Cooperation Unit, Ditjen PSP
Hapsari Susanti	Head of PPHLN Unit
Deky Subiyanto	ICB Staffs, Foreign Cooperation Bureau
Rahayu Utami	Staff of Cooperation Unit
Dimas Fajar	Staff
Moch Han	Technical Staff secretariat FMSRB MOA
Ita Arpin	Financial Staff secretariat FMSRB MOA
Yohansyah Sidiq	Technical Staff secretariat FMSRB MOA
Moh. Faisal	Technical Staff secretariat FMSRB MOA
Dimas Fajar	Staff secretariat FMSRB MOA
Rahmi Khalida	Gender Specialist – Consultant CS05
5. DJPK MOF	
Irianto Nainggolan	Head of On-granting Unit (Hibah Daerah)
Anas Fikry	Head Sub-directorate On-granting Unit (Hibah Daerah)
Eko Arisyanto	Staff Sub-directorate On-granting Unit (Hibah Daerah)
6. BBWS 3 Cis-Banten	
Sahroni	Head of Balai Besar Wilayah (BBWS) Sungai 3 Cis
Ahmad Victor Samudra	Head of Satker PJSA
Reynaldo Napitupulu	PPK Sungai I BBWS 3Cis
Teuku Nevo	Staff of Technical Implementation Unit
Abdus salam	Financial Officer for SPM PJSA
Harimukti Rosita	Regional Coordinator for Banten- Consultan CS01
Dewi	Resettlement specialist for Banten – Consultan CS01
7. Serang District	
Fajria Desi Aryanti	Head of Unit Development and Planning PKP, Bappeda Serang District
Adi Tama	Technical Implementation Staff, DPUR Serang District
Puji	Head Section of Agricultural Agency of Serang
Mahmud	Staff of Agricultural Agency of Serang
Endah wahyuni	Head Section of BPBD Serang
8. Lebak District	
Hendro	Bappeda Lebak District
Agung Budi Santoso	Head of Finance Unit, Bappeda Lebak District

Moh. Iqbal	Head of Section Technical and Planning, Natural Resources Unit of DPUR
Iman Nurzaman	Secretary, Distanbun Lebak District
H. Nana	PPK Dinas Pertanian
Ivan Karyadi	Head Section of BPKAD Lebak
9. Pandeglang District	
Muhadi SSTP	Head of Unit
Fahrurrozi	Head of Infrastructure Unit
10. Bappeda Maluku Province	
Sitti Nurbaya Laitupa	Head of Unit for Infrastructure and Regional Development I
Dilly Ardiany Sukur	Staff of Bappeda Maluku Province
Eka Rahma	Staff
Rio Daties	Staff
Rahmat Herbert	ID-CBFRM Regional Maluku
Roy	Regional Coordinator for Ambon- Consultan CS01
11. BPBD Maluku Province	
John Marcus Hursepuny	Head of PK Unit
Eva Tuhumury	Staff
Julian	Staff
12. Forestry Agency Maluku Province	
Erni Bin Umar	Head of Section, River Basin Management, RHL & KSDAE
13. Bappeda Ambon City	
Kelvein Khouw	Head of Agency
Nona sahareka	Staff
Eka Rahma	Staff
14. Public Works and Housing Agency in Ambon City	
Enrico Mathapury	Head of Agency
M. Latuhamallo	Secretary
15. BWS Maluku	
Rizhali Triutomi	Head of SNVT
Jackson J Tehupuring	PPK Sungai BWS Maluku
Dahlan Muhktar	Team FMSRB Maluku
M Gozali	Staff
16. ADB	
Eric Quincieu	Senior Water Resources Specialist
Helena Lawira	Senior Project Officer (Water Sector)
Suharyani	Senior Procurement Officer
Naning Mardiniah	Senior Safeguard Officer
Dennie Mamonto	Environment Officer
Fitrina Muchtar	Associate Financial Control Officer
Eileen T. Quisumbing Batung	Associate Project Officer
Cita Ekanijati	Associate Project Analyst
Riana Puspasari	Gender Consultant
Dwi Apriyanti	Social Safeguard Consultant
Isja Dini Isjati	Gender and Disability Inclusion Specialist

Anjar Krisnanta	Asset Management Specialist
Nancy Rosma Rini	Knowledge Management Specialist

Gender Action Plan Progress

GENDER ACTION PLAN (GAP) MONITORING TABLE

Date of Update: 23 June 2020

Project Title:	Flood Management in Selected River Basins Sector Project
Country:	Indonesia
Project No.:	35182-043
Type of Project (Loan/Grant/TA):	Loan 3440-INO
Approval and Timeline:	30 Sep 2016 - 30 Jun 2023
Gender Category:	Effective Gender Mainstreaming (EGM)
Mission Leader:	Eric Quincieu

Gender Action Plan	Progress to date (2017 – 20 June 2020)	Issues and Challenges
(GAP Activities, Indicators and Targets, Timeframe and Responsibility)	(This should include information on period of actual implementation, sex-disaggregated quantitative updates (e.g. number of participating women, women beneficiaries of services, etc.), and qualitative information. However, some would be on-going - so explain what has happened so far towards meeting the target.	(Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for delay, etc., and provide recommendations on ways to address issues and challenges)
<p>Output 1: Planning for flood risk management enhanced (<i>Perencanaan pengelolaan risiko banjir ditingkatkan</i>)</p> <ul style="list-style-type: none"> • 1A: Enhanced basin data and information and preparation of flood risks management (FRM) plans for the 3 Cis RBT and Ambon–Seram RBT (BWWS 3Cis and BWSM) • 1B: Institutional strengthening, planning and coordination for the implementation of FRM plans in 3 Cis RBT and Ambon-Seram RBT (MoHA) 		

<p>DMF 1f TARGET 1 Around 20% female trainees in all training on flood risk assessment and analysis</p> <p><i>Sekitar 20% dari peserta pelatihan penilaian dan analisis risiko banjir adalah perempuan</i></p>	<p>ON-TRACK</p> <table border="1"> <thead> <tr> <th colspan="2">LOCATION & ACTIVITY</th> <th colspan="2">FEMALE</th> <th colspan="2">MALE</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td colspan="2">Lebak Regency, Banten Province</td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="2">Pandeglang Regency, Banten Province</td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="2">Serang Regency, Banten Province</td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="2">City of Ambon, Maluku Province</td> <td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>1</td> <td>Technical Capacity Building Training for Flood Risk Management, conducted by BPBD Maluku Province, held at Ambon Manise Hotel, attended by central and local government officials, and local community, 27-29 November 2019</td> <td>15</td> <td>43%</td> <td>20</td> <td>57%</td> <td>35</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>15</td> <td>43%</td> <td>20</td> <td>57%</td> <td>75</td> </tr> </tbody> </table>	LOCATION & ACTIVITY		FEMALE		MALE		TOTAL	Lebak Regency, Banten Province							Pandeglang Regency, Banten Province							Serang Regency, Banten Province							City of Ambon, Maluku Province							1	Technical Capacity Building Training for Flood Risk Management, conducted by BPBD Maluku Province, held at Ambon Manise Hotel, attended by central and local government officials, and local community, 27-29 November 2019	15	43%	20	57%	35	TOTAL		15	43%	20	57%	75	
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<p>ACTION 1 Data on hazard, vulnerability, risk and emergency response mapping is sex-disaggregated.</p>	<p>ON-TRACK Serang Regency, Banten Province Sex-disaggregated that have been collected by CS01 are: 1) total population; 2) total population, gender ratio and population density by village/sub-districts; 3) number of male and female head of households. In addition to these data, gender issues have been identified for 1) land acquisition; 2) relocation; 3) social action</p>																																																		

<p><i>Data pemetaan bahaya, kerentanan, risiko dan tanggap darurat dipilah menurut jenis kelamin.</i></p>	<p>plan, 3) implementation of LARP CW3; 4) gender in Infrastructure. CS01 have also identified villages affected by flood to be used as basis for planning flood risk management. In Serang there are 55 affected villages. However, a detailed mapping of the people affected by the flood in Serang, Pandeglang, Lebak regencies have not been carried out. In addition to that, baseline flood data survey is still in process.</p>																																																																							
<p>TARGET 2 Around 30% women's representation in consultation meetings on (i) hazard analysis, risk awareness and assessment and vulnerability/capacity analysis; (ii) developing the risk and hazard maps; and (iii) identification of indicators for assessing gender specific aspects of risk vulnerability</p> <p><i>Sekitar 30% perwakilan perempuan dalam pertemuan konsultasi mengenai (i) analisis bahaya, analisis kesadaran dan penilaian risiko dan kerentanan / kapasitas; (ii) mengembangkan peta risiko dan bahaya; dan (iii) identifikasi indikator untuk menilai aspek gender dari kerentanan risiko.</i></p>	<p>OFF-TRACK</p> <table border="1" data-bbox="562 477 1528 1386"> <thead> <tr> <th colspan="2">LOCATION & ACTIVITY</th> <th colspan="2">FEMALE</th> <th colspan="2">MALE</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td colspan="7">Lebak Regency, Banten Province</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="7">Pandeglang Regency, Banten Province</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="7">Serang Regency, Banten Province</td> </tr> <tr> <td>1</td> <td>Public Consultation on LARP CW3 conducted by PT Geodinamik, held in 21 villages in Serang Regency, 11 May - 3 June 2018</td> <td>105</td> <td>19%</td> <td>436</td> <td>81%</td> <td>541</td> </tr> <tr> <td>2</td> <td>3 Workshops for Socialization of LARP CW3 Evaluation conducted by BAPPEDA and CS01, held in Nagara Village, Dukuh Village, and at BAPPEDA office, 1-4 April 2019</td> <td>38</td> <td>17%</td> <td>191</td> <td>83%</td> <td>229</td> </tr> <tr> <td>3</td> <td>FGD on CW3 Land Acquisition Plans, held in 5 villages in Serang Regency, 24-26 April 2019</td> <td>39</td> <td>25%</td> <td>114</td> <td>75%</td> <td>153</td> </tr> <tr> <td>4</td> <td>FGD on Flood Management conducted</td> <td>104</td> <td>33%</td> <td>211</td> <td>67%</td> <td>315</td> </tr> </tbody> </table>	LOCATION & ACTIVITY		FEMALE		MALE		TOTAL	Lebak Regency, Banten Province														Pandeglang Regency, Banten Province														Serang Regency, Banten Province							1	Public Consultation on LARP CW3 conducted by PT Geodinamik, held in 21 villages in Serang Regency, 11 May - 3 June 2018	105	19%	436	81%	541	2	3 Workshops for Socialization of LARP CW3 Evaluation conducted by BAPPEDA and CS01, held in Nagara Village, Dukuh Village, and at BAPPEDA office, 1-4 April 2019	38	17%	191	83%	229	3	FGD on CW3 Land Acquisition Plans, held in 5 villages in Serang Regency, 24-26 April 2019	39	25%	114	75%	153	4	FGD on Flood Management conducted	104	33%	211	67%	315	
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	by CS01, 10-21 May 2019					
City of Ambon, Maluku Province						
1	Workshop on LARAP, conducted by Bappeda City of Ambon, 30 July & 27 November 2018	33	33%	67	67%	100
2	Meeting on Integration of Flood Mitigation in Mid-Term Regional Plan (RPJMD) as Regional Program Priority, 26 July 2019	20	38%	33	62%	53
1	Technical Meeting for Baseline Survey, 30 July 2019	8	26%	23	74%	31
2	Flood Survey Public Consultation, 31 July 2019	25	34%	48	66%	73
3	Dissemination of the Spatial Map of Critical Land and Protected Forest in Mount Sirimau Ambon, by the Forestry Provincial Office of Maluku, 17 September 2019	12	34%	23	66%	35
TOTAL		384	25%	1.146	75%	1.5307
ACTION 2 Gender sensitive and culturally appropriate flood management related information and publication materials will be prepared, and distributed for all stakeholders and communities. This includes information on flood forecasts and flood management and	ON-TRACK Flood management related information and publication materials will be delivered for all stakeholders and communities through different channels (public outreach, printed materials and audiovisual materials). Activities conducted to date are the following: City of Ambon, Maluku Province <ul style="list-style-type: none"> On 2 October 2017, Bappeda Ambon City conducted socialization about FMSRB project. It was explained that flood which hit Ambon City in 2012-2013 affected 2 rivers Wai Ruhu and Wait Batu Merah. It also explained that LARP study and analysis have been carried out. Villages that are most affected are Batu Merah and Hative Kecil. Inventory of asset is being reviewed for land acquisitions. 					

<p>preparedness such food storage, securing the safety of livestock, ensuring food availability, etc.</p> <p><i>Bahan informasi dan publikasi pengelolaan banjir yang sensitif gender dan sesuai budaya disiapkan, dan didistribusikan untuk semua pemangku kepentingan dan masyarakat. Dalam hal ini termasuk informasi mengenai perkiraan banjir dan pengelolaan banjir dan kesiapan penyimpanan makanan, mengamankan keamanan ternak, memastikan ketersediaan makanan, dll.</i></p>	<ul style="list-style-type: none"> ● 8-10 August 2018, Directorate Regional Development of the Ministry of Home Affairs conducted Public Campaign on FMSRB held at Swiss Bell Hotel Ambon. It was explained that The FMSRB program will be carried out through a comprehensive approach, namely a technical, institutional and social approach. It was addressed that program implementers need to pay special attention to women and vulnerable groups which include elderly, children and people with disability. Efforts must be made so that vulnerable group obtain the same rights to be able to enjoy the benefits from this program. ● 18 March 2019, Maluku Provincial Regional Development Planning Agency (Bappeda), held a public awareness campaign for FMSRB program in 2019, at at Hotel Amaris, Ambon. Participants of the awareness campaign were local government and universities. It was addressed that considering community is the most vulnerable party when a flood occurs, the involvement of the community in flood mitigation are intended to increase community preparedness in facing floods. Therefore, policy directions are directed to develop community preparedness for disasters and increase forecasting capacity for river flow enhancements and their impacts, accelerate the preparation of Flood Risk Maps as a reference for the preparation of spatial planning plans, implementation of adaptive water management, application of the flood forecasting warning system approach, priority on the management of water damage, soil conservation efforts, and sustainable management of coastal areas. ● 29 August 2019, BPBD of Maluku Province in collaboration with the Ministry of Home Affairs held a dissemination of flood Information through public outreach at Dinas Pendidikan Office. This activity was attended by 300 participants consisting of students and teachers from 20 schools in flood prone areas. Dissemination of flood information is intended to enhance understanding of school community to recognize floods, understand flood threats, and also as a means of learning about weather information that can be used to anticipate the threat of flooding. ● 4 September 2019, BPBD Maluku Province conducted a Flood Information Dissemination public outreach to 100 students with disabilities and teachers from 4 special needs schools (SLB). This activity is intended to enhance capacity of students with disabilities and their teachers in flood prone areas, to recognize flood threat in order to take care of themselves in the event of a disaster and understand what steps need to be taken. 	
<p>ACTION 3</p>	<p>NOT YET IMPLEMENTED</p>	

<p>Information on flood forecasts and flood management and preparedness will target both women and men farmers in terms of crop diversification, food storage, securing the safety of livestock, ensuring food availability, etc.</p> <p><i>Informasi tentang prakiraan banjir dan pengelolaan banjir dan kesiapsiagaan ditargetkan pada petani perempuan dan laki-laki dalam hal diversifikasi tanaman, penyimpanan makanan, keamanan ternak, memastikan ketersediaan pangan, dll.</i></p>		
<p>DMF 1d ACTION 4</p> <p>Gender-sensitive flood hazard vulnerability, risk and emergency response mapped and hazard categories zoned in main flood risk areas of the 3 CIS RBT and the Ambon-Seram RBT</p> <p><i>Kerentanan bahaya banjir, risiko dan tanggap darurat yang dipetakan secara sensitif gender, demikian pula kategori bahaya di daerah risiko banjir utama</i></p>	<p>NOT YET IMPLEMENTED</p>	

dari 3 CIS RBT dan RBT Ambon-Seram.																																
<p>Output 2: Land management improved and flood infrastructure upgraded (<i>Pengelolaan lahan diperbaiki dan infrastruktur banjir ditingkatkan</i>)</p> <ul style="list-style-type: none"> • 2A: Farmland management and sustainable agriculture practices in the Ciujung river basin (MoA) • 2B: Improved runoff and erosion control in 3 Cis RBT and Ambon-Seram RBT (MoHA) • 2C: Detailed engineering design (DED) (including Environmental Impact Assessment (EIA), social safeguards, economic analysis, tender documents and river operation and maintenance plans) and Construction Supervision for the 3 Cis RBT and Ambon-Seram RBT (DGWR, BBWS 3 Cis and BWSM) • 2D: Civil works for the 3 Cis and Ambon-Seram RBTs (Priority works, rehabilitation of flood control embankments, drainage system and associated control structures information) (BBWS 3 Cis and BWSM) 																																
<p>TARGET 3 10% members of the community groups for water and soil conservation are women.</p> <p><i>10% anggota kelompok masyarakat untuk konservasi air dan tanah adalah perempuan.</i></p>	<p>ON-TRACK</p> <p>Members of Farmers Group (Poktan) 2018 and 2019</p> <table border="1" data-bbox="562 673 1524 1079"> <thead> <tr> <th>LOCATION</th> <th colspan="2">FEMALE</th> <th colspan="2">MALE</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>Lebak</td> <td>1.090</td> <td>19%</td> <td>4.688</td> <td>81%</td> <td>5.778</td> </tr> <tr> <td>Pandeglang</td> <td>243</td> <td>8%</td> <td>2.784</td> <td>92%</td> <td>3.027</td> </tr> <tr> <td>Serang</td> <td>480</td> <td>15%</td> <td>2.682</td> <td>85%</td> <td>3.162</td> </tr> <tr> <td>TOTAL</td> <td>1.813</td> <td>15%</td> <td>10.154</td> <td>85%</td> <td>11.967</td> </tr> </tbody> </table> <p>Based on farmer group (Poktan) data that have been registered and verified for FMSRB - FMSAP activities in 2018 and 2019, there were 34 (2018) and 48 (2019) Poktans in Pandeglang Regency, 44 (2018) and 45 (2019) in Lebak Regency, and 42 Poktan in Serang Regency. The 42 Poktans proposed in 2018 in Serang District are the same poktan that carried out the FMSRB FMSAP activities in 2019. The total participation of female farmers in the farmer groups listed in the following data is 1,813 or 15%</p> <p>Members of Farmers Group (Poktan) 2020</p>		LOCATION	FEMALE		MALE		TOTAL	Lebak	1.090	19%	4.688	81%	5.778	Pandeglang	243	8%	2.784	92%	3.027	Serang	480	15%	2.682	85%	3.162	TOTAL	1.813	15%	10.154	85%	11.967
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LOCATION	FEMALE		MALE		TOTAL
	Count	%	Count	%	
Lebak	1.394	17%	6.874	83%	8.268
Pandeglang	325	10%	2.919	90%	3.244
Serang	175	8%	2.036	92%	2.211
TOTAL	1.894	13,80%	11.829	86,20%	13.723

Numbers of farmer groups (Poktan) that have been verified as the target beneficiaries for FMSRB - FMSAP at 2020 are 120 Poktan in Kab. Lebak, 91 Poktan in Kab. Pandeglang, 68 Poktan in Kab. Serang. Women participation in total is 13,80%. Women participation in Poktan Kab. Serang is 7,91% which is below than 10% of target. There are 43 Poktan in Pandeglang, and 36 Poktan both in Lebak dan Serang where is no women participation in Poktan.

DMF 2c TARGET 4						
Farmland management and sustainable agriculture practices in Ciujung river basin is targeted to at least 40% of women farmers.						
<i>Pengelolaan lahan pertanian dan praktik pertanian berkelanjutan di DAS Ciujung ditargetkan untuk setidaknya 40% petani perempuan.</i>						
LOCATION & ACTIVITY		FEMALE		MALE		TOTAL
Lebak Regency, Banten Province						
Pandeglang Regency, Banten Province						

OFF-TRACK

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<p>TARGET 5 Training for watershed rehabilitation and management will target at least 40% of women in each subproject areas.</p> <p><i>Pelatihan rehabilitasi dan pengelolaan daerah aliran sungai akan menargetkan setidaknya 40% perempuan di setiap wilayah subproyek.</i></p>	<p>OFF-TRACK</p> <table border="1"> <thead> <tr> <th colspan="2">LOCATION & ACTIVITY</th> <th colspan="2">FEMALE</th> <th colspan="2">MALE</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <th colspan="2">Lebak Regency, Banten Province</th> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>Socialization of Tile Method targeted to Community Facilitators, 5 June 2020</td> <td>2</td> <td>12.5%</td> <td>14</td> <td>87.5%</td> <td>16</td> </tr> <tr> <th colspan="2">Pandeglang Regency, Banten Province</th> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th colspan="2">Serang Regency, Banten Province</th> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	LOCATION & ACTIVITY		FEMALE		MALE		TOTAL	Lebak Regency, Banten Province							1	Socialization of Tile Method targeted to Community Facilitators, 5 June 2020	2	12.5%	14	87.5%	16	Pandeglang Regency, Banten Province														Serang Regency, Banten Province							
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<p>ACTION 5 Gender concerns and aspects are incorporated in farmer training, water catchment management and conservation material and distributes within local community.</p> <p><i>Masalah dan aspek gender dimasukkan dalam pelatihan petani, pengelolaan daerah tangkapan air dan materi konservasi dan didistribusikan ke masyarakat setempat.</i></p>	<p>ON-TRACK Socialization of Tile Method for targeted for Community Facilitator at Lebak Regency (5 June 2020) incorporated gender related issues regarding the security aspects of carrying out land measurements for women Community Facilitators (CF). It was advised that when conducting land measurement community facilitators should be at least in twos (not alone).</p>																													
<p>ACTION 6 All trainings will be held at times and locations convenient for women farmers</p> <p>Semua pelatihan akan diadakan pada waktu dan di lokasi yang nyaman bagi</p>	<p>ON-TRACK Activities and training are held after 8 am and before 5 pm which is already a convenient time for women farmers to participate in training.</p>																													

petani perempuan								
<p>TARGET 6 30% women's representation in consultation meetings on the design of dikes, drainage, and other small community infrastructure to take into account the needs and concerns of women.</p> <p><i>30% perwakilan perempuan dalam rapat konsultasi mengenai desain tanggul, drainase, dan infrastruktur kecil masyarakat lainnya harus mempertimbangkan kebutuhan dan permasalahan perempuan.</i></p>	ON-TRACK							
LOCATION AND ACTIVITY		FEMALE		MALE		TOTAL		
Serang Regency, Banten Province								
1	Socialization of checking dam trenches and agreements with landowners residents, held by the Community Facilitators and the DED Consultant at Rancasanggal Village	18	69%	8	31%		26	
TOTAL		18	69%	8	31%		26	
<p>Output 3: Capacity for community-based flood risk management enhanced (<i>Kapasitas pengelolaan risiko banjir berbasis masyarakat ditingkatkan</i>)</p> <ul style="list-style-type: none"> 3A. Enhanced capacity for community-based flood risk management in the 3 Cis RBT and Ambon-Seran RBT (MoHA) 								
<p>TARGET 7 Provision and arrangement are made to ensure that 40% women are involved in (i) community-based flood risk management procedures and activities for flood preparedness and response/contingency plans; (ii) the development of action plans for post flood recovery; (iii) the</p>	OFF-TRACK							
LOCATION & ACTIVITY		FEMALE		MALE		TOTAL		
Lebak Regency (37 Priority Villages)								
Pandeglang Regency (10 Priority Villages)								

<p>dissemination of information to the communities; (iv) all capacity development activities; and (iv) flood monitoring/warning activities.</p> <p><i>Penyediaan dan pengaturan dilakukan untuk memastikan bahwa 40% perempuan dilibatkan dalam (i) prosedur dan pengelolaan risiko banjir berbasis masyarakat untuk kesiapsiagaan menghadapi bencana dan rencana cepat tanggap / kontinjensi; (ii) pengembangan rencana aksi pemulihan pasca banjir; (iii) penyebaran informasi kepada masyarakat; (iv) semua kegiatan pengembangan kapasitas; dan (iv) kegiatan pemantauan / peringatan banjir.</i></p>	1	Socialization of FMRSB to village officials in priority villages	10	40%	15	60%	25
	Serang Regency (46 Priority Villages)						
	1	Socialization of FMRSB to village officials in 13 priority villages	32	32%	67	68%	99
	City of Ambon (21 Priority Villages)						
	1	Socialization of FMRSB by CS06 to village communities	110	28%	279	72%	389
	2	Public awareness campaign to village communities on flood risk reduction	54	34%	104	66%	158
TOTAL		206	31%	465	69%	671	
<p>DMF 3d TARGET 8</p> <p>At least 30% of women are involved in the identification, prioritization and design of community-level infrastructure (such as small embankments, drainage, flood barriers, and shelters); and subsequent regular</p>	ON-TRACK						
	LOCATION & ACTIVITY		FEMALE		MALE		TOTAL
	Lebak Regency (37 Priority Villages)						
	Data to be collected						

<p>operations and maintenance.</p> <p><i>Sedikitnya 30% perempuan terlibat dalam identifikasi, prioritas dan disain infrastruktur tingkat masyarakat (seperti timbunan kecil, drainase, penghalang banjir, dan tempat penampungan); dan operasi serta pemeliharaan reguler berikutnya.</i></p>	Pandeglang Regency (10 Priority Villages)						
	Data to be collected						
	Serang Regency (46 Priority Villages)						
	1	Coordination Meeting between community facilitators, community-based organization and DPUPR Serang Regency, 17 September 2019	6	20%	24	80%	30
	2	Signing of Agreement between DPUPR Serang Regency and 10 Community-Based Organizations on the Use of Budget for Participatory Design Activities for Drainage Infrastructure, 27 September 2019	6	25%	18	75%	24
	City of Ambon (21 Priority Villages)						
	1	Public Consultation to Identify Issues and Local Potential to Develop Community Action Plan, 20 June-29 August 2019	91	33%	183	67%	274
	2	Public Consultation to Analyze Issues and Local Potential to Develop Community Action Plan, 20 June-29 August 2019	16	21%	62	79%	78
	3	Public Consultation to Prioritize Issues and Local Potential for Action Plan, 20 June-29 August 2019	35	41%	51	59%	86
	TOTAL		154	31%	338	69%	492
<p>In 2019, local communities in the priority villages at the 4 project locations have developed community action plans. The development of these action plan was</p>							

	<p>carried out in 3 stages, namely 1) public consultation to identify issues and local potential, 2) analysis of issues and local potential, and 3) prioritization of issues and local potential. Proposed action plan amongst others are drainage, manhole, waste bank, waste vehicle, evacuation route, lifeboat, communal lavatory, etc. 198 (30%) women in Ambon were involved in this processes. Data still need to be collected for Lebak, Pandeglang and Serang. The community action plans have been submitted to Ministry of Home Affairs in November 2019. The next step will be selection and approval of these action plans which will be conducted in the form of Exposure.</p>									
<p>ACTION 7 Facilities, e.g. evacuation shelters and emergency housing facilities, water and sanitation and health facilities are accessible to both women and men, and especially friendly to women and children.</p> <p><i>Fasilitas, seperti tempat penampungan evakuasi dan fasilitas perumahan darurat, fasilitas air bersih dan sanitasi dan kesehatan dapat diakses oleh perempuan dan laki-laki, dan terutama ramah terhadap perempuan dan anak-anak.</i></p>	<p>ON-TRACK</p> <p>Waitua community based organization in Negeri Hative Kecil in Ambon City in cooperation with BNPB Maluku, MoHA have developed disaster preparedness and disaster response which incorporates gender and social inclusion features: (i) Disaster early warning is communicated through radio to be forwarded to community health center (Puskesmas), motorcycle taxi drivers and vehicle owners who are dedicated to helping vulnerable groups, including people with disabilities; (ii) Along the evacuation routes where there are steps, ramp way is provided for accessibility of people with disability, mothers with infants, and elderly citizens; (iii) Schools (SD 86, SMPN 3 and SD Gunung Malintang) have been identified as points of shelters. These schools are equipped with public kitchen including stoves and logistics, and have separate male and female toilets. Pampers and milk for baby/infants are well-prepared. Special toilets for people with disabilities are not yet available because generally schools only have separate toilet for male and female. As solution, portable toilet can be provided for people with disabilities. In general vulnerable groups are in care of their families. However, if special care is needed, they will be assisted by health staff from the community health center (Puskesmas). In addition to those gender and social inclusive features, in time of disasters, coordination with Puskesmas will be carried out to inform about medical supplies. Puskesmas will then ask City Health Center with approval from the City Health Center.</p>									
<p>TARGET 9 At least 30% of women are involved in the committee dealing with evacuation shelter, housing and housing facilities and are</p>	<p>OFF-TRACK</p> <table border="1" data-bbox="562 1273 1516 1354"> <thead> <tr> <th data-bbox="562 1273 1071 1354">LOCATION & ACTIVITY</th> <th data-bbox="1071 1273 1236 1354">FEMALE</th> <th data-bbox="1236 1273 1402 1354">MALE</th> <th data-bbox="1402 1273 1516 1354">TOTAL</th> </tr> </thead> <tbody> <tr> <td data-bbox="562 1354 1071 1403"></td> <td data-bbox="1071 1354 1236 1403"></td> <td data-bbox="1236 1354 1402 1403"></td> <td data-bbox="1402 1354 1516 1403"></td> </tr> </tbody> </table>	LOCATION & ACTIVITY	FEMALE	MALE	TOTAL					<p>To increase the number of women in these community-based organizations, new units within the organization (such as waste management unit) will be established with</p>
LOCATION & ACTIVITY	FEMALE	MALE	TOTAL							

<p>trained on CBFMR in each subproject area.</p> <p><i>Sedikitnya 30% perempuan dilibatkan dalam komite yang menangani tempat perlindungan evakuasi, perumahan dan fasilitas perumahan dan dilatih tentang CBFMR di setiap wilayah subproyek.</i></p>	Lebak Regency (37 Priority Villages)						<p>high number women as committee. In addition to that, trainings for community-based organizations will target more more.</p>	
	1	Preparation and coordination meetings for the establishment of community-based organizations under Ministry of Home Affairs	34	30%	79	70%		113
	2	Committee in community-based organizations established under Ministry of Home Affairs	115	17%	546	83%		661
	3	Trainings for community-based organizations	38	15%	219	85%		257
	Pandeglang Regency (10 Priority Villages)							
	1	Preparation and coordination meetings for the establishment of community-based organizations under Ministry of Home Affairs	21	35%	39	65%		60
	2	Committee in community-based organizations established under Ministry of Home Affairs	47	20%	187	80%		234
	3	Trainings for community-based organizations	28	24%	87	76%		115
	Serang Regency (46 Priority Villages)							
	1	Dissemination and establishment of Disaster Resilient Villages in 3 Subdistricts (Cikeusal, Pamarayan, Bandung) conducted by BPBD through SAP (Social Action Plan) activity of Disaster-Prone Areas Development Coordination Program, July 2018	43	29%	107	71%		150
	2	Preparation and coordination meetings	25	20%	100	80%		125

	for the establishment of community-based organizations under Ministry of Home Affairs					
3	Committee in community-based organizations established under Ministry of Home Affairs	133	18%	613	82%	746
4	Trainings for community-based organizations	117	48%	125	52%	242
City of Ambon (21 Priority Villages)						
1	Preparation and coordination meetings for the establishment of community-based organizations under Ministry of Home Affairs	139	29%	338	71%	477
2	Committee in community-based organizations established under Ministry of Home Affairs	107	28%	274	72%	381
3	Trainings for community-based organizations	73	43%	97	57%	170
TOTAL		920	25%	2.811	75%	3.731

In 2018 BPBD of Serang Regency in 2018 conducted 2 major programs through annual SAP namely:

1. Dissemination and Establishment of Disaster Resilient Villages (Desa Tangguh Bencana) conducted in 3 subdistricts, in July 2019. Out of 150 participants, 43 (29%) were women.
2. Socialization of Disaster Risk Reduction through P2WKSS. P2WKSS is an integrated program to increase the role of women using coordinated cross-sectoral development approach to improve the quality of the family. Socialization of Disaster Risk Reduction was conducted in 1 subdistrict (Tirtayasa, Serang Regency) through 2 meetings, in August 2019. Out of 100 participants, 88 (88%) were women.

	<p>In 2019, Ministry of Home Affairs have facilitated the establishment of committee-based organizations for flood risk management in the priority villages at the 4 project locations. The establishment of these community-based organizations were carried out by CS 06 and local community facilitators, from June - August 2019. After the community-based organizations have been established various trainings were provided for them. The trainings, amongst others are: organization management, participatory design, participatory construction, waste management, and emergency response simulation,</p>	
<p>TARGET 10 Information dissemination regarding community based small scale civil works activities will be accessible for employment for both women and men, and at least 30% of local works will be targeted for women employment.</p> <p><i>Penyebarluasan informasi mengenai kegiatan pekerjaan sipil skala kecil berbasis masyarakat membuka akses pekerjaan bagi perempuan dan laki-laki, dan setidaknya 30% pekerjaan lokal akan ditargetkan untuk perempuan.</i></p>	<p>NOT YET IMPLEMENTED</p> <p>Activity will be implemented after community action plan has been selected, approved and budget disbursed.</p>	
<p>ACTION 8 Contingency plans emergency response planning, standard operation procedure, evacuation provision are gender responsive.</p>	<p>NOT YET DUE</p>	

<p><i>Perencanaan tanggap darurat, prosedur operasi standar, penyediaan evakuasi bersifat responsif gender.</i></p>		
<p>ACTION 9 Gender focal person is selected for CBFMR in each subproject area.</p> <p><i>Focal person gender dipilih untuk CBFMR di setiap wilayah subproyek.</i></p>	<p>ON-TRACK As per 30 Oct 2018, there are 28 Gender Focal Points (GFP) comprising of 9 women (32%) and 19 men (68%) have been selected in each subproject area. In addition to Gender Focal Point, a Gender Working Group has been established.</p> <p>As per 30 March 2020, data from MoA subproject areas was updated, with a total of 15 GFP, comprising of 5 women (33%) and 10 (67%) men. Data for other CPIU have not been calculated.</p> <p>In 20 June 2020, GFP data in CPIU and each subproject area have been updated. Currently there are 40 GFP, comprising of 14 women (35%) and 26 men (65%).</p>	
<p>ACTION 10 Women specific vulnerability and needs should be included in the flood warning and monitoring activities.</p> <p><i>Kerentanan dan kebutuhan spesifik perempuan harus dimasukkan dalam kegiatan peringatan dan pemantauan banjir.</i></p>	<p>NOT YET DUE</p>	
<p>Output 4: Policy, coordination, and capacity at national level improved (<i>Kebijakan, koordinasi, dan kapasitas di tingkat nasional meningkat</i>)</p> <ul style="list-style-type: none"> • 4A: Project Management (DGWR - MPWH) • 4B: Independent Monitoring, Evaluation (IME) and Strategic Coordination (SC) BAPPENAS 		
<p>ACTION 11 Ensure quarterly project monitoring reports include progress on GAP</p>	<p>ON-TRACK In 2018, to ensure quarterly project monitoring reports include progress on GAP implementation with gender indicators and sex-disaggregated data, the following actions have been carried out: 1) requirement to include progress on GAP</p>	

<p>implementation with gender indicators and sex-disaggregated data.</p> <p><i>Memastikan laporan pemantauan proyek triwulanan mencakup kemajuan dalam implementasi GAP dengan indikator gender dan data terpilah menurut jenis kelamin.</i></p>	<p>implementation have been addressed in Inception Mission, Mid-term Review Mission, Mission MoUs and regular coordination meetings; 2) briefing on GAP to Gender Focal Point in CPIU and to Project Consultants; 3) translation of GAP to Bahasa Indonesia; 4) availability of tools to document stakeholders' participation (quantitative and qualitative); 5) briefing to Consultant Team CS 01, 02, 05, 06; 6) Gender sex-disaggregated data have been integrated in project monitoring system.</p> <p>During Q1 and Q2 of 2019 there were no gender consultants in CPMU, PIU-MoHA, PIU-MoA. Information under Gender Mainstreaming in both QPR 1 and QPR 2 are not updated in accordance with the reporting periods. In addition to that both reports presented the same information. Meanwhile, there were many gender related activities that were implemented during January-June 2019. Gender Action Plan (GAP) Matrix provided in the Annex of both QPR 1 and QPR 2 are not yet updated. Due to unavailability of project Gender Specialist, ADB Gender Specialist and CS6 provided technical assistance to CPMU for Q3 and Q4 project monitoring and reporting.</p> <p>Q1 2020 report included progress on GAP implementation from PIU-MoA, and PIU-MoHA namely: (i) mobilization of Gender Specialist in CS05 (i) socialization of GAP by CS05, (ii) selection of Gender Focal Point in PIU-MoA and subproject areas, (iii) verification and validation of farmer's group; (iv) Institutional Management training targeted for 7 CBOs in Ambon, and organized by BPBD Ambon City. Gender mainstreaming in disaster mitigation was integrated in the training.</p>	
<p>ACTION 12</p> <p>Training on gender concerns is provided to government staff in charge of the project.</p> <p>Pelatihan tentang permasalahan gender diberikan kepada staf pemerintah yang bertanggung jawab atas proyek tersebut</p>	<p>ON-TRACK</p> <p>Training on gender was conducted by Ministry of Public Works and Housing, in Anyer on 20-21 July 2018. Participants for this training were 26 gender focal points and government staff from Ministry of National Development Planning, Ministry of Public Works and Housing, Ministry of Agriculture, Ministry of Home Affairs, River Basin Territory of Ambon Seram Maluku, River Basin Territory of Cidanau-Ciujung-Cidurian Banten, Provincial Government of Maluku, Provincial Government of Banten, District Government of Ambon, Serang, Lebak and Pandeglang.</p> <p>On 30 October 2019, ADB and CS06 Gender Specialists conducted gender training targeted for MoHA's community facilitators in 2 regencies namely Lebak and Pandeglang.</p> <p>On 31 October, ADB and CS06 Gender Specialist conducted gender training targeted for MoHA's community facilitators in Serang Regency. The training was</p>	

	<p>also attended by government staffs from Serang Regency Department of Public Works and Housing.</p> <p>On 6-7 November 2019, ADB and CS CS06 Gender Specialist conducted gender training targeted for MoHA's community facilitators and project consultants at the City of Ambon.</p> <p>Socialization of Gender Action Plan under CPIU-MoA was conducted on 12 March 2020, held at Resto Saung Banyu Djawi Pandeglang. Materials was delivered by Gender Consultant in CS 05. 29 people (6 women, 23 men) participated in this activity.</p>	
<p>ACTION 13 Recruitment of female technical and other specialist in CPMU and PIUs.</p> <p><i>Perekrutan perempuan sebagai spesialis teknis dan spesialis lainnya di CPMU dan PIU</i></p>	<p>ON-TRACK In 2018, from 110 technical and other specialist, 21 female (19%) have been recruited in CPMU and PIUs.</p>	
<p>ACTION 14 CPMU, PIU staff will participate in gender mainstreaming for structural and nonstructural flood management project interventions</p> <p><i>CPMU, staf PIU akan berpartisipasi dalam pengarusutamaan gender untuk intervensi proyek pengelolaan banjir struktural dan nonstruktural</i></p>	<p>NOT YET DUE</p>	
<p>ACTION 15</p>	<p>ON-TRACK</p>	

<p>Integration of gender related activities into work plans and budget allocations to ensure that adequate funds are allocated for GAP implementations.</p> <p><i>Integrasi kegiatan terkait gender ke dalam rencana kerja dan alokasi anggaran untuk memastikan bahwa dana yang memadai dialokasikan untuk implementasi GAP.</i></p>	<p>Activities and budget coordinated and proposed by CS 02 to MPWH.</p> <p>In 2018, proposals for gender-related activities and budget has been led by Gender Specialist at CS02 and discussed with the Gender Working Group (Gender Specialist at CS01 and CS06). Provision of Gender Specialist, field visits, and training for gender focal point has been integrated in MPWH (CS 01, CS 02) and MoHA (CS06) work plans and budget.</p> <p>In 2019, there was no Gender Specialist in MPWH (CS 02). Though budget had been allocated but the position could not be filled as the suitable person, namely Gender and Resettlement Specialist, could not be found. For MoHA, Gender Specialist, was mobilized in late October 2019 (to January 2020). Since there were many activities implemented throughout 2019, there were missed opportunities to integrate gender in project activities. Due to unavailability of budget for gender trainings, gender and GAP implementation was addressed during community facilitators' meetings and a workshop on flood disaster risk management held in Ambon Province. For MoA, Gender Specialist have not been recruited, though budget have been allocated.</p> <p>In 2020, gender-related activities is planned to be integrated in MoA's work plans and budget to mobilize Gender Consultant, conduct socialization of GAP, integrating gender in agriculture project activities.</p>	
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BAPPEDA: Badan Perencanaan Pembangunan Daerah (Regional Development Planning Agency); **BAPPENAS:** Badan Perencanaan Pembangunan Nasional (National Development Planning Agency); **BBWS 3 Cis:** Balai Besar Wilayah Sungai Cidanau-Ciujung-Cidurian (Greater Basin Territory Centre Cidanau-Ciujung-Cidurian); **BPBD:** Badan Penanggulangan Bencana Daerah (Regional Disaster Management Agency); **BWSM:** Balai Wilayah Sungai Maluku; **MoA:** Ministry of Agriculture; **MoHA:** Ministry of Home Affairs; **P2WKSS:** Program Peningkatan Peranan Wanita Menuju Keluarga Sehat Sejahtera (Program of Women's Role Enhancement Towards a Healthy and Prosperous Family); **SAP:** Social Action Plan (SAP)

Comments/ Remarks:

Accomplished by: _____

Date Accomplished: _____

Updated Procurement Plan

Basic Data

Project Name: Flood Management in Selected River Basins Sector Project	
Project Number: 35182-043	Approval Number: 3440
Country: Indonesia	Executing Agency: Directorate General of Water Resources, Directorate General of Water Resources, Ministry of Public Works & Housing, Republic of Indonesia
Project Procurement Risk: Medium	Implementing Agency: Balai Besar Wilayah Sungai Cidanau-Ciujung-Cidurian, Balai Wilayah Sungai Maluku, Directorate General of Agricultural Infrastructure & Facilities, Ministry of Agriculture, Republic of Indonesia, Directorate General of Regional Development (MOHA), Directorate General of Water Resources, Ministry of Public Works & Housing, Republic of Indonesia, Directorate of River and Coastal, Directorate of Water Resources & Irrigation
Project Financing Amount: US\$ 161,570,000 ADB Financing: US\$ 108,700,000 Cofinancing (ADB Administered): Non-ADB Financing: US\$ 52,870,000	Project Closing Date: 30 June 2023
Date of First Procurement Plan: 30 September 2016	Date of this Procurement Plan: 20 May 2020
Advance Contracting: Yes	e-GP: No

A. Methods, Thresholds, Review and 18-Month Procurement Plan

1. Procurement and Consulting Methods and Thresholds

Except as the Asian Development Bank (ADB) may otherwise agree, the following process thresholds shall apply to procurement of goods and works.

Procurement of Goods and Works		
Method	Threshold	Comments
National Competitive Bidding for Goods	Between US\$ 100,001 and US\$ 3,000,000	First package subject to prior review. Succeeding packages subject to post review
Shopping for Goods	Up to US\$ 100,000	Post review.
Community Participation in Procurement for Goods	Up to US\$ 30,000	Post review.
National Competitive Bidding for Works	Between US\$ 100,001 and US\$ 25,000,000	First package of each procuring entity regardless of contract value is subject to prior review. For succeeding packages: (i) each work contract with contract amount less than \$10,000,000 is subject to post review; and (ii) each work contract with contract amount of \$10,000,000 and above are still subject to prior review.
Shopping for Works	Up to US\$ 100,000	Post review.
Community Participation in Procurement for Works	Up to US\$ 30,000	Post review.

Consulting Services	
Method	Comments
Quality- and Cost-Based Selection for Consulting Firm	Default method, for consulting team contracts that do not meet the criteria of other selection methods.
Quality-Based Selection for Consulting Firm	For engagement of NGOs and similar entities or complex assignment requiring high specialization.
Consultant's Qualification Selection for Consulting Firm	For small contracts (maximum \$200,000) with highly specialized organizations for time critical assignment.
Least-Cost Selection for Consulting Firm	For very small contracts (maximum \$100,000) of standard or routine nature for time critical assignment.
Others for Consulting Firm	For specialized inputs.

2. Goods and Works Contracts Estimated to Cost \$1 Million or More

The following table lists goods and works contracts for which the procurement activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
Civil Works 3	Ciujung River Stretch Downstream of the Core Subproject to the Toll Road	22,500,000.00	NCB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Large Works Comments: To be procured by BBWS3Cis. Construction implementation will be phased in line with LAR activities.
Civil Works 4B	Upgrade of Rinjani Retention Basin, Normalization and Parapet Wall in Lower Batu Merah	10,700,000.00	NCB	Prior	1S1E	Q3 / 2020	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments: To be procured by BWSM
Civil Works 6A	Upper Way Ruhu River Basin in the Ambon-Seram RBT	5,300,000.00	NCB	Prior	1S1E	Q1 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N

							Bidding Document: Small Works Comments: To be procured by BWSM
Civil Works 6B	Middle and Lower Way Ruhu River Basin in the Ambon-Seram RBT	5,300,000.00	NCB	Prior	1S1E	Q1 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Small Works Comments: To be procured by BWSM

3. Consulting Services Contracts Estimated to Cost \$100,000 or More

The following table lists consulting services contracts for which the recruitment activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/ Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
CS08B	External social safeguard monitoring - Ambon Seram	100,000.00	CQS	Prior	Q3 / 2020	STP	Assignment: National Comments: To be procured by DGWR through SPSE ICB of MPWH

4. Goods and Works Contracts Estimated to Cost Less than \$1 Million and Consulting Services Contracts Less than \$100,000 (Smaller Value Contracts)

The following table lists smaller-value goods, works and consulting services contracts for which the activity is either ongoing or expected to commence within the next 18 months.

Goods and Works								
Package Number	General Description	Estimated Value	Number of Contracts	Procurement Method	Review (Prior/ Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW07A	Land conservation through agroforestry including terracing - Serang	311,622.70	12	CPP	Post	N/A	N/A	Advanced Contracting: N Comments: To be procured by Serang District Agriculture Agency and contracted to community groups. Expected contract on Q IV 2020
CW07B	Land conservation through	900,000.00	30	CPP	Post	N/A	N/A	Advanced Contracting: N

	agroforestry including terracing – Lebak							Comments: To be procured by Lebak District Agriculture Agency and contracted to community groups. Procurement to start in Q3 2020.
CW07C	Land conservation through agroforestry including terracing – Pandegrag	780,000.00	26	CPP	Post	N/A	N/A	Advanced Contracting: N Comments: To be procured by Pandegrag District Agriculture Agency and contracted to community group. Procurement to start in Q4 2020.
CW08A	Land optimization including terracing - Serang	133,228.64	6	CPP	Post	N/A	N/A	Advanced Contracting: N Comments: To be procured by Serang District Agriculture Agency and contracted to community groups.
CW08B	Land optimization including terracing – Lebak	512,385.01	25	CPP	Post	N/A	N/A	Advanced Contracting: N Comments: To be procured by Lebak District Agriculture Agency and contracted to community groups. Procurement to start in Q2 2020.
CW08C	Land optimization including terracing - Pandeglang	368,562.14	18	CPP	Post	N/A	N/A	Advanced Contracting: N Comments: To be procured by Pandeglang District Agriculture Agency and contracted to community groups. Procurement to start in Q4 2020.
CW09A	Drainage system improvement in Ambon City and in Banten	1,751,237.72	87	CPP	Post	N/A	N/A	Advanced Contracting: N Comments: To be procured by Serang, Lebak and Pandeglang district PW agencies, and Ambon City PW Agency and contracted to community groups.

Attachment 3

G1A	<ul style="list-style-type: none"> • 4 Automated Weather Stations (AWS) • 21 Automated Water level Recorders (AWLR) • 3 Warning Stations (Siren) • 2 CCTV cameras at Kragilan toll-road bridge (with fiber connection) • 1 Acoustic Doppler Current Profiler (ADCP) installed on a remote controlled floater 	1,300,000.00	1	NCB	Prior	1S1E	Q3 2020	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Goods</p> <p>Comments: To be procured by BBWS3Cis</p>
G1B	<ul style="list-style-type: none"> • 7 Automated Weather Stations (AWS) • 2 Automated Water level Recorders (AWLR) • 5 Warning Stations (Siren) • 2 CCTV cameras (with fiber connection) • 1 Acoustic Doppler Current Profiler (ADCP) installed on a remote controlled floater 	1,290,000.00	1	NCB	Prior	1S1E	Q3 / 2020	<p>Prequalification of Bidders: N</p> <p>Domestic Preference Applicable: N</p> <p>Bidding Document: Goods</p> <p>Comments: To be procured by BWSM</p>
G02	Furniture and equipment for DGWR (Core Team at PMU)	18,182.00	1	SHOPPING	Post	N/A	Q4 / 2020	<p>Advanced Contracting: N</p> <p>Comments: To be procured by DGWR</p>
G05B	Furniture and equipment for provincial agriculture agencies	19,220.00	2	SHOPPING	Post	N/A	Q2 / 2018	<p>Advanced Contracting: N</p> <p>Comments: To be procured by provincial agriculture agency. <i>These packages are canceled due to the on-granting cancelation agreements of Banten Province.</i></p>
G05C	Furniture and equipment for Serang district agriculture agencies	1,011.00	2	SHOPPING	Post	N/A	Q1 2020	<p>Advanced Contracting: N</p> <p>Comments: To be procured by Serang district agriculture agencies</p>

Consulting Services								
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
CS03	CBFRM support and facilitation (4 packages)	104,804.00	4	CQS	Prior	Q4 / 2020	STP	Assignment: National Advance Contracting: N Comments: To be procured by DGRD/DGI AF
CS08-A2	External social safeguard monitoring – 3 Cis – Other Subprojects	40,000.00	1	CQS	Prior	Q3 / 2020	STP	Assignment: National Comments: To be procured by DGWR through SPSE ICB of MPWH

B. Indicative List of Packages Required Under the Project

The following table provides an indicative list of goods, works and consulting services contracts over the life of the project, other than those mentioned in previous sections (i.e., those expected beyond the current period).

Goods and Works							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Comments
None							

Consulting Services							
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/Post)	Type of Proposal	Comments
None							

C. List of Awarded and On-going, and Completed Contracts

The following tables list the awarded and on-going contracts, and completed contracts.

1. Awarded and Ongoing Contracts

Goods and Works							
Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
Civil Works 1	Ciujung priority civil works package 1 (right side dike)	18,194,807.00	16,015,161.54	NCB	Q3 / 2018	05-NOV-18	Contract signed on 5 Dec 2018
Civil Works 2	Ciujung priority civil works package 2 (left side dike)	18,332,674.00	16,142,320.49	NCB	Q3 / 2018	05-NOV-18	Contract signed on 5 Dec 2018

Attachment 3

Civil Works 4A	Two Check Dams in Ambon Seram RBT-Upper Batu Merah (Petra and Yakobus)	1,000,000.00	1,112,959.67	NCB	Q4 / 2019	03-JAN-20	Contract signed on 30 Mar 2020
G03	Furniture and equipment for BBWS 3 Cis	17,682.00	9,590.92	SHOPPING			Contract signed in November and Dec 2018
G04	Furniture and equipment for BWSM	7,957.00	14,797.29	SHOPPING			Contract signed in Dec 2018
G05A	Furniture and equipment for DGAIF	22,057.00	8,626.09	SHOPPING			Contract signed in October 2017
G05D	Furniture and equipment for Lebak district agriculture agencies	1,011.00	906.28	SHOPPING			Contract signed in 26 October 2018
G05E	Furniture and equipment for Pandeglang district agriculture agencies	1,011.00	757.80	SHOPPING			Contract signed on 23 April 2018 (Alat Tulis Kantor :: 6.039.000,- Furniture: 4.934.000,-)
G06	Furniture and equipment for DGRD	36,909.00	17,965.56	SHOPPING			Contract signed in Dec 2017
G07	Vehicle - motorbike for BBWS 3 Cis	32,282.00	35,559.78	SHOPPING			Contract signed on 5 October 2018 (Car) and 24 October 2018 (motorbikes)
G08	Vehicle - car and motorbikes for BWSM	40,239.00	32,647.98	SHOPPING			Contract signed on 1 October and 5 November 2018
G09	Vehicle for DGWR (PMU)	22,727.00	31,652.25	SHOPPING			Contract signed in September 2019
G10A	Cars for DGAIF	70,370.00	69,284.27	SHOPPING			Contract signed in July 2018
G10B	Motorbikes for Serang district agriculture agencies	9,725.00	7,976.64	SHOPPING			Contract signed on 20 June 2018
G10C	Motorbikes for Lebak district agriculture agencies	9,725.00	7,976.64	SHOPPING			Contract signed on 25 June 2018
G10D	4 motorbikes (trail) to be procured by Pandeglang district agriculture agency	9,725.00	7,976.64	SHOPPING			Contract signed on 21 May 2018

Consulting Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CS01	Flood Risk	6,436,761.00	5,809,063.96	QCBS	Q4 / 2016	20-DEC-17	Contract signed

Attachment 3

	Management and Engineering Services						on 15 Dec 2017
CS04	Independent monitoring and evaluation	703,660.00	622,022.06	QCBS	Q3 / 2018	31-JAN-20	Contract signed on 20 Feb 2020
CS06	Institutional development for community-based flood risk management (Ideco-Bafrim)	4,039,052.00	3,873,303.68	QCBS	Q1 / 2017	20-NOV-17	Contract signed on 23 Nov 2017
CS02	Project Implementation Management Services	1,853,833.00	1,511,352.11	QCBS	Q4 / 2016	16-NOV-17	Contract signed on 29 Nov 2017
CS05	Farmland management and sustainable agriculture practices	1,375,459.00	1,025,154.65	QCBS	Q1 / 2017	03-JAN-18	Contract signed on 4 Jan 2018
CS08-A1	External social safeguard monitoring – 3 Cis – Core Subprojects	60,000.00	52,321.05	CQS	Q1 / 2018	19-NOV-18	Contract signed on 26 Nov 2018

Revised Contract Awards and Disbursement Projections
as of 30 June 2020

	Contract Awards (in USD million)					Disbursements (in USD million)				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
2016	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	10.988	10.988	-	-	1.500	0.500	2.000
2018	1.006	-	0.312	33.061	34.379	1.451	0.680	0.355	5.075	7.561
2019	-	0.031	0.628	0.277	0.935	1.417	0.031	1.790	7.041	10.279
2020	0.937	1.907	-	16.690	19.534	2.891	1.276	0.398	2.135	6.700
2021	1.360	8.792	6.889	1.342	18.383	1.714	3.793	5.560	5.166	16.232
2022	3.288	3.288	3.288	3.340	13.204	3.796	12.578	13.342	13.342	43.059
2023	4.152	4.152	1.487	1.487	11.278	3.293	7.170	6.502	5.904	22.870
	Total Contract Awards				108.700	Total Disbursements				108.700

Contract No.	Description	Q1 2020	Q2 2020	Q3 2020	Q4 2020	2020 TOTAL
	Contract Awards	0.937	1.907	-	16.690	19.534
	Disbursements	2.891	1.276	0.398	2.135	6.700
CW01	Ciujung Priority Civil Works (Right Side)					-
		0.971				0.971
CW02	Ciujung Priority Civil Works (Left Side)					-
			0.536			0.536
CW03	4.5 Km of Ciujung River Downstream of the core subproject until the toll road				15.750	15.750
					1.575	1.575
CW04A	Two Check Dams in Ambon Seram RBT- Upper Batu Merah (Petra and Yakobus)		1.167			1.167
					0.117	0.117
CW04B	Rijnani Upgrading					-
					-	-
CW6A	Upper Way Ruhu river Basin in the Ambon-Seram RBT					-
						-
CW6B	Middle and Lower Way Ruhu River Basin in the Ambon-Seram RBT					-
						-

Contract No.	Description	Q1 2020	Q2 2020	Q3 2020	Q4 2020	2020 TOTAL
	Contract Awards	0.937	1.907	-	16.690	19.534
	Disbursements	2.891	1.276	0.398	2.135	6.700
CPP	Unaccounted		0.740			0.740
			0.740			0.740
CW07A	Land conservation through agroforestry including terracing - Serang					-
			-	-	-	-
CW07B	Land conservation through agroforestry including terracing - Lebak					-
			-	-	-	-
CW07C	Land conservation through agroforestry including terracing - Pandeglang					-
			-	-	-	-
CW08A	Land optimization including terracing - Serang					-
			-	-	-	-
CW08B	Land optimization including terracing - Lebak					-
			-	-	-	-
CW08C	Land optimization including terracing - Pandeglang					-
			-	-	-	-
CW09A	Drainage system improvement in Ambon City and in Banten					-
			-	-	-	-

Contract No.	Description	Q1 2020	Q2 2020	Q3 2020	Q4 2020	2020 TOTAL
	Contract Awards	0.937	1.907	-	16.690	19.534
	Disbursements	2.891	1.276	0.398	2.135	6.700
CS01	Flood Risk Management and Engineering Services					-
		1.188				1.188
CS02	Project Implementation Consultants					-
		0.035		0.398	0.398	0.831
CS03	CBFRM support and facilitation (4 packages)					-
					+	-
CS04	Independent Monitoring and Evaluation	0.662				0.662
					0.045	0.045
CS05	Farmland Management and Sustainable Agriculture Practices					-
		0.075				0.075
CS06 (PCSS 0002)	Institutional Development for CBFRM					-
		0.347				0.347
CS08A1 (PCSS 0007)	External Social Safeguard Monitoring (3 Cis core subprojects)					-
						-
CS08A2	External social safeguard monitoring - other 3Cis subprojects				0.040	0.040
					-	-
CS08B	External social safeguard monitoring - Ambon					-
						-

Contract No.	Description	Q1 2020	Q2 2020	Q3 2020	Q4 2020	2020 TOTAL
	Contract Awards	0.937	1.907	-	16.690	19.534
	Disbursements	2.891	1.276	0.398	2.135	6.700
G1A	Telemetric rainfall, water gauge stations, 18 sets and stand alone rainfall and water gauge warning devices, 15 sets including 4 sets servers and 50 sets warning devices for communities				0.700	0.700
				-		-
G1B	8 sets stand alone rain fall and water gauge warning devices, including 2 sets servers and 25 sets servers and 25 sets warning devices for communities				0.200	0.200
						-
G02	Furniture and equipment for DGWR (core team at PMU)					-
						-
G03	Furniture and equipment for BBWS 3 Cis					-
						-
G04	Furniture and equipment for BWSM					-
						-
G05A	Furniture and equipment for DGAIF					-
						-

Contract No.	Description	Q1 2020	Q2 2020	Q3 2020	Q4 2020	2020 TOTAL
	Contract Awards	0.937	1.907	-	16.690	19.534
	Disbursements	2.891	1.276	0.398	2.135	6.700
G05B	Furniture and equipment for provincial agriculture agencies					-
						-
G05C	Furniture and equipment for Serang district agriculture agencies					-
						-
G05D	Furniture and equipment for Lebak district agriculture agencies					-
						-
G05E	Furniture and equipment for Pandeglang district agriculture agencies					-
						-
G06	Furniture and equipment for DGRD					-
						-
G07	Vehicle car and motorbikes for BBWS 3 Cis					-
						-
G08	Vehicle car and motorbikes for BWSM					-
						-
G09	Vehicle for DGWR (PMU)					-
						-

Contract No.	Description	Q1 2020	Q2 2020	Q3 2020	Q4 2020	2020 TOTAL
	Contract Awards	0.937	1.907	-	16.690	19.534
	Disbursements	2.891	1.276	0.398	2.135	6.700
G10A	Cars for DGAIF					-
						-
G10B	Motorbikes for Serang district agriculture agencies					-
						-
G10C	Motorbikes for Lebak district agriculture agencies					-
						-
G10D	Motorbikes for Pandeglang district agriculture agencies					-
						-
	Workshop/Training/socialization/project management	0.275				0.275
		0.275				0.275
CAT 99						-
						-
SOE						-
			-			-
MISSING/ADJUSTING						-
						-

Progress on Design and Monitoring Framework

Impact the Project is Aligned with Economic and social losses from flood events reduced (Strategic Plan for Water Resources, 2015–2019)				
Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks	Progress
Outcome Flood risks in selected river basins, including those in the Cidanau–Ciujung–Cidurian and Ambon–Seram RBTs, reduced through FRM	By 2022: a. About 19,000 ha of land with reduced flood risks (2016 baseline: 0 ha) b. About 22,000 households with reduced flood risks (2016 baseline: 0)	PPMS, project completion report	Insufficient government interagency coordination leads to ineffective and incoherent implementation of structural and nonphysical measures	Construction of 2 core subprojects began in 2019. 1 non-core subproject was awarded and will commence construction in 2020. Summary subproject reports are being prepared for remaining subprojects. MOHA has been coordinating among sectors at provincial and district level, minimizing the associated risks. It is expected that BAPPENAS take a more prominent coordination role at national level.
Outputs 1. Planning for FRM enhanced	By 2021: 1a. Hydrometeorological stations installed (18 in the Cidanau–Ciujung–Cidurian RBT and 8 in the Ambon–Seram RBT) and repaired (17 in the Cidanau–Ciujung–Cidurian RBT and 28 in the Ambon–Seram RBT) (2016 baseline: Cidanau–Ciujung–Cidurian RBT: 15 water level gauges [8 damaged, 2 inactive], 23 rainfall stations [7 damaged]; and Ambon–Seram RBT: 16 water level gauges [9 damaged], 42 rainfall stations [13 damaged], 8 climate stations [6 damaged])	1a. –1b. RBO hydrology reports, quarterly project reports, PPMS	Resources to maintain the improved hydrometeorological equipment, information systems not allocated as per requirements	The hydrometeorological network rationalization plans for 3Cis and Ambon-Seram river basin territories have been reviewed by the consultants. Technical specifications for the hydrometeorological network are being prepared. The bidding document will be submitted for ADB's approval by 10 July 2020. Contract will be awarded by November 2020.

Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks	Progress
	1b. Flood models calibrated, flood hazard maps prepared, and flood early warning systems operational in the selected RBTs (2016 baseline: 0)			Preparatory activities for flood modelling (including topographic, bathymetric, LIDAR, geotechnical and baseline surveys) have been completed. Full river basin scale modeling for both river basins has been completed
	1c. FRMPs for the selected RBTs endorsed by RBT basin coordination forums (2016 baseline: 0)	1c.–1d. River basin planning documents, quarterly project reports, PPMS		The FRMPs have been drafted. BBWS3Cis and BWSM will conduct public consultations in July and August 2020 to get feedback from local governments and civil society organizations. The river basin coordination team will also review the FRMPs.
	1d. Gender-sensitive flood hazard vulnerability, risk, and emergency response mapped and hazard categories zoned in flood risk areas of selected RBTs (2016 baseline: 0)			This will be prepared on Q4 2020 capitalizing on the FRMPs.
	1e. Guidelines for the linkage of flood hazard zoning to spatial plans, land use management regulations, and building regulations and development endorsed by provincial and district governments (2016 baseline: 0)	1e. Provincial and district planning documents, quarterly project reports, PPMS		Initial discussion was held on the preparation of the guidelines. This will be further developed once FRMPs are finalized. Completion expected by Q4 2020.
	1f. Women account for at least 20% of those trained in flood risk assessment and analysis, CBFRRM prioritization, and implementation of locally appropriate FRM measures (2016 baseline: 0)	1f. Quarterly project reports, PPMS		Women involvement in training for community-based flood risk assessment and analysis in 1 district and 1 city (Ambon) in 2019 was 43%.

Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks	Progress
2. Land management improved and flood infrastructure upgraded	By 2022: 2a. Flood protection infrastructure rehabilitated or upgraded as per FRMPs developed under 1c (2016 baseline: 0)	2a. Construction reports, quarterly project reports, PPMS	Government funding not made available for LAR	3 civil works subprojects have been awarded (2 core in December 2018 and 1 non-core in March 2020). Detailed engineering designs of remaining non-core subprojects will be completed in 2020.
	2b. River O&M manual and plans for flood protection infrastructure endorsed by DGWR (2016 baseline: 0)	2b. River basin planning documents, quarterly project reports, PPMS	Resource allocation to maintain infrastructure is inadequate	Will be developed once infrastructure is built.
	2c. 246 farmers groups, including 10% women, trained on sustainable agricultural practices and watershed management (2016 baseline: 0)	2c.–2d. MOA reports, quarterly project reports, PPMS		279 farmers groups (Poktan) with 13,723 members have been verified as beneficiaries for FMSRB - FMSAP in 2020. Out of these 13,723 farmers, 1,894 are female farmers (14%). Trainings in 2020 are still to be conducted.
	2d. 6,150 ha of land with improved management (2016 baseline: 0)			MOA has been working on land management in 3,136 ha.
3. Capacity for CBFMR enhanced	By 2022: 3a. Guidelines for CBFMR prepared (2016 baseline: 0)	3a.–3d. MOHA reports, quarterly project reports, PPMS	Communities unwilling to take responsibility for O&M of infrastructure when project funding ends	MOHA has developed guidelines to select sites for the CBFMR activities with emphasis on slope stabilization and urban flood protection in Ambon City.
	3b. 30 communities in the Ambon–Seram and Cidanau–Ciujung–Cidurian RBTs have access to information from flash flood localized early warning system (2016 baseline: 0)			A total of 140 community groups have been established (119 in 3Cis and 21 in Ambon-Seram) by a village decree. Information from the PRAs being conducted will be used to develop the CBFMR action plans.

Results Chain	Performance Indicators with Targets and Baselines	Data Sources and Reporting	Risks	Progress
	3c. CBFRM programs implemented (2016 baseline: 0)			Information from the PRAs being conducted will be used to develop the CBFRM action plans.
	3d. At least 30% of those involved in the identification and design of community-level infrastructure and O&M are female; contingency plans are gender responsive (2016 baseline: 0)			Women involvement in the identification, prioritization, and design of community level infrastructure in 1 district and city (Serang and Ambon) was 31% in 2019. CBFRM groups operationalized in December 2019. Contingency plans are planned to be integrated into the city and district workplan in 2020.
4. Policy, coordination, and capacity at the national level improved	By 2021: 4a. GIS-based M&E system established (2016 baseline: 0)	4a.–4b. BAPPENAS and DGWR reports, quarterly project reports	Ineffective cooperation between government agencies	GIS-based M&E system developed for MOA, MOHA, and MPWH.
	4b. A national strategy and corresponding guidelines to institutionalize the FRM approach approved by the NSCWR and National Water Council (2016 baseline: 0)			National strategy and guidelines to institutionalize the FRM approach to be prepared in 2020. National FRM to be developed by Bappenas.

<p>Key Activities with Milestones</p> <p>1. Planning for flood risk management enhanced</p> <p>1.1. Improve hydrometeorological observations, data management, and processing (Q2 2017) [KNS] 1.2. Develop and calibrate hydrological and flood models, and prepare flood maps (Q2 2017) [GCD] 1.3. Prepare FRMPs for selected river basins (Q3 2017) [GCD, KNS] 1.4. Prepare flood information bulletins, news, and activities jointly with BNPB (Q3 2017) [GEM] 1.5. Establish localized flood early warning system, and communication system (Q4 2017) [GCD, KNS] 1.6. Support institutional strengthening, planning, and coordination of provincial and district local disaster management, meteorology, public works, land, social, and forestry agencies (Q3 2019) [GCD, GEM]</p>
<p>2. Land management improved and flood infrastructure upgraded</p> <p>2.1. Select, appraise, and prepare subproject summary reports for candidate subprojects (Q4 2017) [GCD] 2.2. Prepare DEDs for the selected subprojects, including environment and social safeguards documents and tender documents (Q1 2018) [KNS] 2.3. Implement LAR and civil works for candidate subprojects (Q3 2021) [GCD] 2.4. Construct check dams and small retention ponds (Q1 2021) 2.5. Prepare river O&M manual and plans (Q4 2017) [GCD] 2.6. Prepare programs for soil and water conservation in village and agricultural lands (Q4 2017) [GCD, GEM] 2.7. Implement watershed rehabilitation activities (Q2 2020) [GEM]</p>
<p>3. Capacity for CBFM enhanced</p> <p>3.1. Prepare CBFM guidelines (Q2 2017) [GCD, GEM] 3.2. Identify and establish CBRFM groups and provide capacity development (Q3 2017) [GCD, GEM] 3.3. Formulate community-based measures to reduce flood risk (Q3 2017) [GEM] 3.4. Prepare contingency plans and standard operation procedures (Q4 2017) [GEM] 3.5. Support community participation in the design of community-based infrastructure (Q1 2018) [GEM] 3.6. Supervise the construction of community-based infrastructure and prepare O&M plans (Q3 2021) [GEM]</p>
<p>4. Policy, coordination, and capacity at the national level improved</p> <p>4.1. Prepare the M&E framework (Q1 2017) [GCD] 4.2. Develop the GIS-based M&E system (Q2 2017) [GCD] 4.3. Prepare the national strategy and guidelines to institutionalize the FRM approach (Q1 2018) [GCD] 4.4. Provide technical capacity building for relevant agencies [GCD, GEM] 4.5. Ensure coordination among project stakeholders [GEM]</p>
<p>Inputs</p> <p>Asian Development Bank: \$108.7 million (ordinary capital resources) Government: \$52.87 million</p>
<p>Assumptions for Partner Financing</p> <p>Not applicable.</p>

BAPPENAS = Badan Perencanaan dan Pembangunan Nasional (National Development Planning Agency), BNPB = *Badan Nasional Penanggulangan Bencana* (National Disaster Management Agency), CBFM = community-based flood risk management, DED = detailed engineering design, DGWR = Directorate General of Water Resources, FRM = flood risk management, FRMP = flood risk management plan, GCD = governance and capacity development, GEM = gender equity and mainstreaming, GIS = geographic information system, ha = hectare, KNS = knowledge solutions, LAR = land acquisition and resettlement, M&E = monitoring and evaluation, MOA = Ministry of Agriculture, MOHA = Ministry of Home Affairs, NSCWR = National Steering Committee for Water Resources, O&M = operation and maintenance, PPMS = project performance management system, Q = quarter, RBO = river basin organization, RBT = river basin territory.

Status of Compliance with Loan Covenants

	Covenant	Status
1	Article I, Section 1.01 (a) Commitment Charge; Credit (a) The Borrower shall pay a commitment charge on the unwithdrawn amount of the Loan at the rate and on the terms specified in the Loan Agreement.	Being complied with.
2	Article II, Section 2.02 The Borrower shall pay to ADB interest on the principal amount of the Loan withdrawn and outstanding from time to time at a rate for each Interest Period equal to the sum of: (a) LIBOR; and (b) 0.60% as provided by Section 3.02 of the Loan Regulations less a credit of 0.10% as provided by Section 3.03 of the Loan Regulations.	Being complied with.
3	Article II, Section 2.03 The Borrower shall pay a commitment charge of 0.15% per annum. Such charge shall accrue on the full amount of the Loan (less amounts withdrawn from time to time), commencing 60 days after the date of this Loan Agreement.	Being complied with.
4	Article II, Section 2.04 Interest and other charges on the Loan shall be payable semiannually on 1 February and 1 August in each year.	Being complied with.
5	Article II, Section 2.05 The Borrower shall repay the principal amount of the Loan withdrawn from the Loan Account in accordance with the provisions of Schedule 2 to this Loan Agreement.	Not yet due.
6	Article III, Section 3.01 The Borrower shall cause the proceeds of the Loan to be applied to the financing of expenditures on the Project in accordance with the provisions of this Loan Agreement.	Being complied with.
7	Article III, Section 3.02 The proceeds of the Loan shall be allocated and withdrawn in accordance with the provisions of Schedule 3 to this Loan Agreement, as such Schedule may be amended from time to time by agreement between the Borrower and ADB.	Being complied with.
8	Article III, Section 3.03 Except as ADB may otherwise agree, the Borrower shall procure, or cause to be procured, the items of expenditure to be financed out of the proceeds of the Loan in accordance with the provisions of Schedule 4 to this Loan Agreement.	Being complied with.
9	Article IV, Section 3.04. Except as ADB may otherwise agree, the Borrower shall cause all items of expenditure financed out of the proceeds of the Loan to be used exclusively in the carrying out of the Project.	Being complied with.
10	Article IV, Article III, Section 4.01. (a) The Borrower shall cause the Project to be carried out	Being complied with.

	Covenant	Status
	with due diligence and efficiency and in conformity with sound applicable technical, financial, developmental, and business practices.	
	Article IV, Section 4.01 (b) In the carrying out of the Project and operation of the Project facilities, the Borrower shall perform, or cause to be performed, all obligations set forth in Schedule 5 to this Loan Agreement.	Being complied with.
11	Article IV, Section 4.02. The Borrower shall make available, promptly as needed and on terms and conditions acceptable to ADB, the funds, facilities, services, land and other resources, as required, in addition to the proceeds of the Loan, for the carrying out of the Project and for the operation and maintenance of the Project facilities.	Being complied with.
12	Article IV, Section 4.03. (a) Whenever applicable, in the carrying out of the Project, the Borrower shall cause competent and qualified consultants and contractors, acceptable to ADB to be employed to an extent and upon terms and conditions satisfactory to the Borrower and ADB.	Being complied with. The following consulting services have been engaged: for engineering, project management, farmland management, and institutional development and external social safeguards monitoring (3 Cis core subprojects).
13	Article IV, Section 4.03 (b) The Borrower shall cause the Project to be carried out in accordance with plans, design standards, specifications, work schedules and construction methods acceptable to the Borrower and ADB, as applicable. The Borrower shall furnish, or cause to be furnished, to ADB, promptly after their preparation, such plans, design standards, specifications and work schedules, and any material modifications subsequently made therein, in such detail as ADB shall reasonably request.	Being complied with.
14	Article IV, Section 4.04. The Borrower shall ensure that the activities of its departments and agencies with respect to the carrying out of the Project and operation of the Project facilities are conducted and coordinated in accordance with sound administrative policies and procedures.	Being complied with.
15	Article IV, Section 4.05. (a) The Borrower through the Project Executing Agency shall (i) maintain separate accounts and records for the Project.	Being complied with.
16	Article IV, Section 4.05. (a) (ii) prepare annual financial statements for the Project in accordance with accounting principles acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with international standards for auditing or the national equivalent acceptable to ADB; (iv) as part of each such audit, have the auditors prepare	Being complied with. The APFS for 2017 and 2018 were submitted to ADB on 28 June 2018 and 28 June 2019 respectively. Audit was conducted by Badan Pengawas Keuangan (BPK), the

	Covenant	Status
	a report (which includes the auditors' opinion on the financial statements, use of the Loan proceeds and compliance with the financial covenants of this Loan Agreement) and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning these documents and the audit thereof as ADB shall from time to time reasonably request.	Indonesian Supreme Audit Institution (SAI). (ADB requested that the audit report include an opinion on (a) use of loan proceeds, and (b) compliance with financial covenants.
17	Article IV, Section 4.05 (b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 30 days of the date of their receipt by posting them on ADB's website.	Being complied with. The APFS FY2018 was disclosed on 17 May 2019. ADB extended the deadline of submission of APFS FY2019 from 30 June 2020 to 31 December 2020 due to COVID-19.
18	Article IV, Section 4.05 (c) The Borrower through the Project Executing Agency shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Project Executing Agency, unless the Borrower through the Project Executing Agency shall otherwise agree.	No discussion requested yet.
19	Article IV, Section 4.06. The Borrower shall enable ADB's representatives to review the Project, inspect the Goods and Works, and obtain any relevant records and documents.	No review requested yet.
20	Article IV, Section 4.07. The Borrower shall ensure that any facilities relevant to the Project are operated, maintained and repaired in accordance with sound applicable technical, financial, business, development, operational and maintenance practices.	Being complied with.
21	Schedule 4, para. 3 Except as ADB may otherwise agree, Goods and Works shall only be procured on the basis of the methods of procurement set forth below: (a) International Competitive Bidding; (b) National Competitive Bidding; (c) Shopping; and (d) Community Participation in Procurement.	Being complied with.
22	Schedule 4, para. 4 The methods of procurement are subject to, among	Being complied with.

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	other things, the detailed arrangements and threshold values set forth in the Procurement Plan. The Borrower may only modify the methods of procurement or threshold values with the prior agreement of ADB, and modifications must be set out in updates to the Procurement Plan.	An updated procurement plan was disclosed on the ADB website in June 2020.
23	Schedule 4, para. 5 The Borrower and ADB shall ensure that, prior to the commencement of any procurement activity under national competitive bidding, the Borrower's national competitive bidding procedures are consistent with the Procurement Guidelines. Any modifications or clarifications to such procedures agreed between the Borrower and ADB shall be set out in the Procurement Plan. Any subsequent change to the agreed modifications and clarifications shall become effective only after approval of such change by the Borrower and ADB.	Being complied with. The Borrower's NCB procedures are generally consistent with the Procurement Guidelines, except for requirement for foreign bidders to have foreign construction services business license (BUJKA) as condition to participate in the bidding and for bidders to subcontracting part of works to small enterprises. The Executing Agency has agreed to waive these requirements to comply with Schedule 4 and to use the ADBs bidding document.
24	Schedule 4, para. 6 Borrower may use community participation in procurement for Works contracts for land and water conservation, land optimization, community grass root fund and drainage system improvement, in accordance with the agreed procedures set out in the Procurement Plan.	Being complied with. This is also prescribed in the Procurement Plan.
25	Schedule 4, para. 7 The Borrower shall not award any Works contract for a Subproject which involves environmental impacts until: (a) The relevant authority of the Borrower has granted the final approval of the IEE; (b) the relevant provisions from the EMP have been incorporated into the Works contract.	Being complied with. Core subprojects and one non-core subproject have received approval of the IEEs. NCB bidding documents for works incorporate relevant provisions from the EMP.
26	Schedule 4, para. 8 The Borrower shall not award any Works contract which involves involuntary resettlement impacts for a Subproject, until the Borrower has prepared and submitted to ADB the final LARP for such Subproject based on the Subproject's detailed design, and obtained ADB's clearance of such LARP.	Being complied with. Core sub-project (Ciujung CW01-02) has complied with
27	Schedule 4, para. 9 Except as ADB may otherwise agree, and except as set forth in the paragraph below, the Borrower shall apply quality- and cost-based selection for selecting and engaging Consulting Services.	Being complied with. QCBS was used for packages for the FRM and Engineering Services (CS01), Project Implementation Management Services (CS02), Independent monitoring and evaluation (CS04), Farmland Management and Sustainable Agriculture Practices (CS05), and

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		Institutional Development for Community-based FRM (CS06),
28	Schedule 4, para. 10 The Borrower shall apply the following methods for selecting and engaging the specified Consulting Services, in accordance with, among other things, the procedures set forth in the Procurement Plan: Cost Quality Selection for surveys, initial environmental examination, CBFM support and facilitation, Project management, monitoring and evaluation (including external safeguard monitoring.	Being complied with. Recruitment of consultants is following the methods set forth in the Procurement Plan.
29	Schedule 4, para. 11 (a) The Borrower shall ensure that all Goods and Works procured (including without limitation all computer hardware, software and systems, whether separately procured or incorporated within other goods and services procured) do not violate or infringe any industrial property or intellectual property right or claim of any third party. (b) The Borrower shall ensure that all contracts for the procurement of Goods and Works contain appropriate representations, warranties and, if appropriate, indemnities from the contractor or supplier with respect to the matters referred to in subparagraph (a) of this paragraph.	Being complied with.
30	Schedule 4, para 12 The Borrower shall ensure that all ADB-financed contracts with consultants contain appropriate representations, warranties and, if appropriate, indemnities from the consultants to ensure that the Consulting Services provided do not violate or infringe any industrial property or intellectual property right or claim of any third party.	Being complied with.
31	Schedule 5, para. 1 The Borrower shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower through the Project Executing Agency and ADB. In the event of any discrepancy between the PAM and this Loan Agreement, the provisions of this Loan Agreement shall prevail.	Being complied with.
32	Schedule 5, para. 2 The Borrower through the Project Executing Agency shall ensure that the subprojects shall be identified, prioritized, formulated, appraised, approved and implemented through the following steps: (a) Step 1: to screen and select candidate subprojects from the sector development plan, consult with the Basin Coordination Forum and submit the proposed subprojects to ADB for approval; (b) Step 2: to prepare the subproject appraisal report covering technical, economic, social, environment and financial aspects; hold required consultations; revise,	Being complied with. Core subprojects have been selected in compliance with these criteria. Remaining subprojects are being assessed against these criteria.

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	<p>and submit to the CPMU for appraisal and approval;</p> <p>(c) Step 3: to submit the subproject appraisal report to ADB for review and approval;</p> <p>(d) Step 4: to prepare the detailed engineering design and social and environmental safeguards documents and take climate change aspects into consideration;</p> <p>(e) Step 5: to submit the social and environmental safeguards documents for ADB approval; and</p> <p>(f) Step 6: to implement activities including tendering, land acquisition and resettlement, and other activities.</p>	
33	<p>Schedule 5, para. 3</p> <p>The Borrower through the Project Executing Agency shall ensure that the subprojects selected to be financed under the Project fulfill the following criteria:</p> <p>(a) it is in line with the sector development plan;</p> <p>(b) its flood-risk analysis is based on technical requirements for hydrological and hydraulic survey data for estimating flood flow and impact, and structural designs meet national technical requirements;</p> <p>(c) it is designed to maximize the benefit to cost ratio with a combination of structural and nonstructural measures for optimal flood management;</p> <p>(d) its social and poverty impact assessment assesses that the proposed flood protection measures will have a net positive impact, and can be monitored;</p> <p>(e) it is designed to minimize social impacts and ensure that people adversely affected by civil works under the project are compensated in compliance with the principles set in the Land Acquisition and Resettlement Framework.</p> <p>(f) its initial environmental examination assesses that the environmental impact during construction can be minimized, in line with principles set in the EARF; and the subproject is designed to minimize detrimental environmental impact.</p> <p>(g) its implementation timeframe is reasonable, and surveys and design can be prepared, reviewed, and safeguard processes and procedures followed, and implemented within the project period.</p> <p>(h) it provides commitment to facilitate land acquisition and resettlement process (as required), including implementation of the social action plan in accordance with the principles set out in the Land Acquisition and Resettlement Framework;</p> <p>(i) it has no impact to indigenous people, and screening process of each future sub-projects will be done to ensure that indigenous people safeguards are not triggered;</p> <p>(j) local communities and beneficiaries demonstrate commitment to the investment through willingness to contribute, in cash or in kind, to the cost of development as appropriate; and</p> <p>(k) its economic internal rate of return exceeds 12%.</p>	Being complied with.
34	<p>Schedule 5, para. 4</p> <p>The Borrower shall ensure that the recommendations in</p>	Not yet due.

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	the FRMPs on land use zoning shall be endorsed by Bupati or Walikota and included as inputs to update district/city spatial plans, whereas, the other recommendations in the FRMPs shall be used as reference in updating the provincial and district/city government medium term development plans.	Recommendations on land zoning, for updating the provincial and district/city government medium term development plans, will be formulated upon completion of flood modeling and flood risk hazard map.
35	Schedule 5, para. 5 The Borrower shall make available portion of the Loan proceeds to the Local Governments, through on-grant mechanism, to undertake Project activities that fall under their responsibilities.	Being complied with.
36	Schedule 5, para. 6 The Borrower shall ensure that (a) O&M mechanism for the Project is established; (b) the Project facilities procured, constructed or upgraded are maintained properly; and (c) adequate budget and resources are provided for O&M of the said Project facilities.	Not yet due.
37	Schedule 5, para. 7 The Borrower shall ensure that the preparation, design, construction, implementation, operation and decommissioning of each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; (c) the EARF; and (d) all measures and requirements set forth in the IEE, the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Being complied with.
38	Schedule 5, para. 8 The Borrower shall ensure that all land and all access to land required for the Project are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; (c) the LARF; and (d) all measures and requirements set forth in the LARP, and any corrective or preventative actions set forth in the Safeguards Monitoring Report.	Being complied with. The LARP of the core subproject is being implemented. A new project location determination for the remaining land (30 ha) and CW03 was issued by Banten Governor on 25 February 2020. Valuation by independent appraiser for remaining land will be carried out needs to be updated and payment is expected to be provided by Q4 2020.
39	Schedule 5, para. 9 Without limiting the application of the Involuntary Resettlement Safeguards, the LARF or the LARP, the Borrower shall ensure that no physical or economic displacement takes place in connection with the Subproject until: (a) compensation and other entitlements have been provided to affected people in accordance with the LARP; and (b) a comprehensive income and livelihood restoration	Being complied with. For Cijung core sub-project (CW01 and CW02), contractor works for the area (CWZ) which compensation have been completed. Impact during construction is being addressed by the contractor.

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	program has been established in accordance with the LARP.	<p>Compensation for the remaining land (21 ha of government land used by the people and 9 ha of private land) will be provided in Q4 2020.</p> <p>LARP for non-core sub-projects (CW 03, CW04, CW 04B) are being prepared.</p>
40	<p>Schedule 5, para. 10</p> <p>The Borrower shall cause the Project Executing Agency to enter into an agreement with each relevant provincial or city government for the provision of the income restoration program prior to the financing of a subproject. The agreement shall stipulate the roles and responsibilities of the provincial or local government agencies and their funding commitments for the delivery of the income restoration program.</p>	<p>Being complied with.</p> <p>A written agreement (MOU) on LRP/SAP for Ciujung core sub-project with the budget of IDR 25,4 billion was obtained and included in draft LARP and updated LARP. LRP/SAP is implemented in the period 2015-2020 and plan to be continued for the period of 2021 – 2024 using the remaining budget of approximately 15 billion.</p> <p>LRPs/SAPs for non-cores sub-project (CW03, CW04 and CW04B) are being prepared along with LARP preparation.</p>
41	<p>Schedule 5, para. 11</p> <p>The Borrower shall ensure that the Project does not have any indigenous peoples' impact, within the meaning of ADB's Safeguard Policy Statement (2009). In the event that the Project does have any such impact, the Borrower shall take all steps require to ensure that the Project complies with the applicable laws and regulations of the Borrower and with ADB's Safeguard Policy Statement.</p>	<p>Being complied with.</p> <p>Screening on IP safeguards for non-core sub-projects (CW03, CW04, CW 04B) is being prepared and will be attached in drat LARP.</p>
42	<p>Schedule 5, para. 12</p> <p>The Borrower shall make necessary budgetary and human resources to fully implement the EMP and the LARP.</p>	<p>Being complied with.</p> <p>Budget has been allocated for paying compensation for the remaining land and non-core subproject being prepared.</p>
43	<p>Schedule 5, para. 13</p> <p>The Borrower shall ensure that all bidding documents and contracts for Works contain provisions that require contractors to:</p> <p>(a) comply with the measures relevant to the contractor set forth in the IEE, the EMP and the LARP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report;</p> <p>(b) make available a budget for all such environmental and social measures;</p> <p>(c) provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction,</p>	<p>Being complied.</p> <p>For the 2 core subprojects, these provisions have been incorporated in the bidding documents and contract forms. The bidding documents and contracts used the ADBs bidding documents.</p>

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	<p>implementation or operation of the Project that were not considered in the IEE, the EMP, and the LARP;</p> <p>(d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and</p> <p>(e) reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.</p>	
44	<p>Schedule 5, para. 14</p> <p>The Borrower through the Project Executing Agency shall do the following:</p> <p>(a) submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission;</p> <p>(b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP and the LARP, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan;</p> <p>(c) no later than five months after the Effective Date, engage qualified and experienced external experts or qualified independent entities under a selection process and terms of reference acceptable to ADB, to verify information produced through the Project monitoring process, and facilitate the carrying out of any verification activities by such external experts; and</p> <p>(d) report any actual or potential breach of compliance with the measures and requirements set forth in the EMP or the LARP promptly after becoming aware of the breach.</p>	<p>Being complied with.</p> <p>Submission of internal monitoring reports has been significantly delayed.</p> <p>The 2017 social safeguards monitoring report was approved by ADB on 24 June 2019. Submission of the following reports will be as follows: (i) final 2018 reports (15 July 2020), (ii) 2019 reports (25 August 2020, and (iii) 2020 SSMR1 (28 August 2020).</p> <p>The first 2017 and 2018 semi-annual environmental reports have been disclosed by ADB. The draft 2019 semi-annual environment report was reviewed by ADB and waiting for the final report submission.</p> <p>External monitoring report has been submitted and is being reviewed by ADB.</p>
45	<p>Schedule 5, para. 15</p> <p>The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.</p>	Being complied with.
46	<p>Schedule 5, para. 16</p> <p>The Borrower shall ensure that the core labor standards and the Borrower's applicable laws and regulations are complied with during Project implementation. The Borrower shall include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among other things: (a) comply with the Borrower's applicable labor law and regulations and incorporate applicable workplace occupational safety norms; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labor; (e) allow workers lawful means of expressing their grievances and protecting their rights regarding working conditions and terms of employment; and (f)</p>	<p>Being complied with.</p> <p>These provisions have been incorporated in the bid documents and contract forms of the 2 core subprojects. The bidding documents and contracts followed ADBs bidding documents.</p>

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	disseminate, or engage appropriate service providers to disseminate, information on the risks of sexually transmitted diseases, including HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project area, particularly women.	
47	<p>Schedule 5, para. 18</p> <p>The Borrower shall ensure that (a) the GAP is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measures set forth in the GAP; (c) adequate resources are allocated for implementation of the GAP; and (d) progress on implementation of the GAP, including progress toward achieving key gender outcome and output targets, are regularly monitored and reported to ADB; and (e) key gender outcome and output targets include, but not limited to: (i) around 20% of the trainees in all training on flood risk assessment and analysis are female; (ii) around 30% of the participants are female in consultation meetings on (A) hazard analysis, risk awareness and assessment and vulnerability/capacity analysis; (B) developing the risk and hazard maps; and (C) identification of indicators for assessing gender specific aspects of risk and vulnerability; (iii) at least 10% of the members of the community groups for water and soil conservation are female; and (iv) at least 30% of those involved in the identification and design of community-level infrastructure (such as small embankments, drainage, flood barriers, and shelters) and subsequent regular O&M are female.</p>	Being complied with.
48	<p>Schedule 5, para. 19</p> <p>The Borrower, the Project Executing Agency, and the Project Implementing Agencies shall (a) comply with ADB's Anticorruption Policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through its agents, any alleged corrupt, fraudulent, collusive or coercive practice relating to the Project; and (b) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation.</p>	Being complied with.
49	<p>Schedule 5, para. 20</p> <p>The Borrower, the Project Executing Agency and the Project Implementing Agencies shall ensure that the anticorruption provisions acceptable to ADB are included in all bidding documents and contracts, including provisions specifying the right of ADB to audit and examine the records and accounts of the executing and implementing agencies and all contractors, suppliers, consultants, and other service providers as they relate to the Project.</p>	<p>Being complied with.</p> <p>These provisions have been incorporated in the bid documents and contract forms of the 2 core subprojects.</p>