

DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

PERU

**SUPPORT FOR THE NATIONAL PLATFORM FOR SUSTAINABLE CITIES AND
CLIMATE CHANGE IN LIMA**

(PE-T1355)

TECHNICAL COOPERATION DOCUMENT

This document was prepared by the project team consisting of: Ophélie Chevalier, Project Team Leader (CSD/HUD); Jaime Fernández-Baca (CSD/CPE); Germán Sturzenegger (INE/WSA); Melanie Argimon, Kelsey Schueler, and Napoleão Dequech Neto (CSD/RND); Edgar Orellana (WSA/CPE); Wendy Moreano (INE/TSP); Bettina Henning (LEG/SGO); Avelina Ruiz, Diego Arcia, Alejandra Aguilar, and Dianela Ávila (CSD/HUD).

This document is being released to the public and distributed to the Bank's Board of Executive Directors simultaneously. This document has not been approved by the Board. Should the Board approve the document with amendments, a revised version will be made available to the public, thus superseding and replacing the original version.

TECHNICAL COOPERATION DOCUMENT

I. BASIC INFORMATION FOR TECHNICAL COOPERATION (TC)

Country/Region:	Peru
Technical cooperation project name:	Support for the National Platform for Sustainable Cities and Climate Change in Lima
Technical cooperation project number:	PE-T1355
Project Team Leader/Members:	Ophélie Chevalier, Project Team Leader (CSD/HUD); Jaime Fernández-Baca, Alternate Team Leader (CSD/CPE); Germán Sturzenegger (INE/WSA); Melanie Argimon, Kelsey Schueler, and Napoleão Dequech Neto (CSD/RND); Edgar Orellana (WSA/CPE); Wendy Moreano (INE/TSP); Bettina Henning (LEG/SGO); Avelina Ruiz, Diego Arcia, Alejandra Aguilar, and Dianela Ávila (CSD/HUD).
Taxonomy	Client Support
Technical cooperation abstract authorization date:	7 June 2017
Beneficiary:	Republic of Peru, through the Peruvian Ministry of Environment (MINAM)
Executing agency:	Fondo de las Américas Perú (FONDAM)
Donor providing funding:	Global Environment Facility (GEF)
IDB financing requested:	US\$6,422,019
Local counterpart financing:	US\$979,496
Disbursement period (includes execution period):	48 months
Required start date:	November 2017
Types of consultants:	Firms and individual consultants
Unit responsible for preparation:	Housing and Urban Development Division (CSD/HUD)
Unit responsible for disbursement:	Climate Change and Sustainable Development Sector (CSD)
Technical cooperation project included in Country Strategy:	Yes
Technical cooperation project included in CPD:	No
Alignment with Update to the Institutional Strategy 2010-2020:	Social inclusion and equality; productivity and innovation; economic integration; gender equality and diversity; climate change and environmental sustainability; institutional capacity and rule of law.

II. TECHNICAL COOPERATION OBJECTIVES AND RATIONALE

- 2.1 The Lima Metropolitan Area (LMA)¹ is the largest in Peru, with a population of 9,752,000 in 2014, representing 32% of Peru's total population.² It is the second largest city in the world located in a desert region. The lack of comprehensive, long-term planning and a population growth of nearly 30% in the last 20 years exert significant pressure on the city's ecosystems and public services. This pressure was

¹ The LMA includes two provinces: the Province of Lima (43 urban districts) and the Constitutional Province of El Callao (seven urban districts).

² Source: <https://www.inei.gob.pe>.

apparent, for example, a few months ago as it amplified the damages caused by the natural disasters resulting from the coastal El Niño phenomenon; the damages caused by this natural disaster are directly related to the city's haphazard, chaotic growth.

- 2.2 Informal settlements on hillsides and in natural areas adjacent to the LMA intensify exposure to landslides and floods. Rapid growth and the shift in use of agricultural land to urban purposes (industrial activities and housing), in areas like the watersheds of the Rímac, Chillón, and Lurín rivers, have led to the loss of important local flora and fauna ecosystems, thus altering the hydrological cycle and jeopardizing the LMA's water supply. The LMA's primary water sources (the Rímac, Chillón, and Lurín rivers and the Mantaro river basin) are overexploited, and climate change projections forecast lower precipitation volumes, which would further exacerbate this megacity's problems in terms of availability of water resources.³
- 2.3 Population growth and the absence of metropolitan-scale urban planning in the LMA negatively impact mobility, air quality, and greenhouse gas (GHG) emissions. More than 70% of Peru's transportation fleet is located in the LMA and accounts for roughly half of GHG emissions. This figure could swell by more than 60% by 2030 if the vehicle fleet and excessive use of private vehicles continue to grow. These factors further compound the air quality problems in the region, already considered one of the most polluted in South America.
- 2.4 Climate change, urban sprawl, and pressure on water ecosystems are serious concerns that the Peruvian Ministry of Environment (MINAM) seeks to address through the five strategic lines of the Agenda for Sustainable Cities and Climate Change in Peru: (i) climate governance; (ii) land-use planning; (iii) environmental quality; (iv) eco-efficiency; and (v) urban biodiversity. In order to strengthen the development and implementation of this agenda, the MINAM, in conjunction with the Inter-American Development Bank (IDB), submitted a project targeting the LMA to the Global Environmental Facility's (GEF) Sustainable Cities Integrated Approach Pilot. The project was selected and is the basis for this project. The MINAM requested the IDB's support so that, based on its experience and know-how gleaned from the Emerging and Sustainable Cities (ESC) program, it could help develop a pilot in the LMA for the MINAM's National Platform for Sustainable Cities and Climate Change in Peru. In the context of the damages caused by the coastal El Niño, a few months ago, the project is aligned with the priorities set by the *Autoridad para la Reconstrucción con Cambios* [Authority for Reconstruction with Change] for the LMA.⁴ It calls for reconstruction with a focus on works to rebuild infrastructure adversely affected by the disaster (transportation, sanitation, and health) and on flood prevention projects. Each investment will incorporate elements to provide greater sustainability and enhance the resilience of new physical structures, including better land use planning and urban biodiversity.⁵

³ The Economics of Low Carbon, Climate Resilient Cities. MINAM, British Embassy, Metropolitan Municipality of Lima, IDB, 2014.

⁴ Law 30556 of April 2017 approves special provisions for government intervention in response to natural disasters and orders the creation of the Authority for Reconstruction with Change, responsible for leading post-coastal El Niño reconstruction efforts.

⁵ [Plan Integral Reconstrucción con Cambios](#).

- 2.5 This technical cooperation operation aims to create information and knowledge tools for comprehensive, long-term planning in the LMA, based on: (i) ecosystem conservation; (ii) climate change adaptation; (iii) land-use planning; and (iv) transportation-oriented development. Technical cooperation activities will be coordinated with ongoing reconstruction efforts following the disasters caused by the coastal El Niño with a view to supporting the inclusion of resilience-related issues in land-use planning efforts.
- 2.6 The technical cooperation operation is consistent with the Update to the Institutional Strategy 2010-2020 (document AB-3008) and aligned with the following development challenges: (i) social inclusion and equality, by including indicators on the level of urban inequality in its analysis of the LMA; (ii) productivity and innovation, by creating tools like the information technology platform; and (iii) economic integration, by strengthening comprehensive sustainable urban planning and management. It contributes to the crosscutting areas of (i) climate change and environmental sustainability, by including indicators on environmental management, GHG mitigation, reduction of vulnerability to natural hazards, and climate change adaptation in its analysis of the LMA; and (ii) institutional capacity and rule of law, through activities to strengthen local capacities and interagency coordination. It is also aligned with the IDB Group Country Strategy with Peru (2017-2021) (document GN-2889). This strategy includes climate change adaptation measures and development and assistance for cities to identify, implement, and strengthen public transportation and urban mobility, taking into consideration, *inter alia*, lower environmental impacts and including measures to reduce GHG emissions. One hundred percent of the operation's resources are associated with policies that will promote climate change mitigation (43%) and adaptation (57%) activities, according to the [Multilateral Development Bank's joint methodology for estimating climate finance](#). These resources will contribute to the IDB Group target of increasing financing for projects related to climate change to 30% of all operational approvals by the end of 2020.
- 2.7 The operation is also aligned with the New Urban Agenda adopted by the third conference of the United Nations Human Settlement Programme (Habitat III), in terms of prosperity and sustainable, inclusive, and resilient urban development. It also promotes the objectives of the Global Environmental Facility program (2014-2018) to reduce threats to biodiversity and bolster mainstreaming of mitigation actions into development strategies. The areas of work—water, ecosystems, non-motorized mobility, resilience of the coastal region—will contribute to comprehensive urban planning.

III. DESCRIPTION OF ACTIVITIES/COMPONENTS AND BUDGET

- 3.1 **Component 1. Strengthening comprehensive sustainable urban planning and management.** This component will finance three studies based on the ESC methodology, whose outputs and recommendations will serve as the primary inputs for identifying priority areas of intervention. It will include conducting: (i) a GHG inventory of agriculture, forestry, and other land use sources (AFOLU) in the LMA, which will be disaggregated by district. Emissions scenarios will be identified for 2030 and 2050, based on mitigation measures throughout the entire LMA; (ii) a risk and natural hazard vulnerability assessment, including natural hazards in climate

change scenarios; (iii) a study on historic growth and growth trends for the urban footprint, which will determine transformative urban interventions for four selected districts,⁶ to be delivered during the pre-feasibility phase; and (iv) a coastal climate change adaptation plan, with district-level measures and analysis drawing from the inputs generated from the three previous studies.

- 3.2 **Component 2. Planning for urban water management in the LMA.** This component will generate greater knowledge about the status of water ecosystems, the pressure the city exerts on them, and water availability challenges in the LMA, taking into account the urban footprint and climate change scenarios identified in Component 1. To this end: (i) a comprehensive study of all river basins supplying the LMA (Rímac, Chillón, Lurín, Mantaro, Chillón-Chancay Interbasin), as well as the coastal aquifer, will be conducted; and (ii) based on this study, a water and environmental management support tool or system will be developed for the territory associated with the LMA supply system. The system will have the ability to analyze the processes related to water resources in a territory and model future scenarios based on both hydro-meteorological variables and those related to land use and infrastructure.
- 3.3 **Component 3. Monitoring and analysis of urban biodiversity.** This component will increase knowledge about urban ecosystems and the environmental services they provide to the city, by way of: (i) developing an urban biodiversity strategy for the LMA, based on an assessment of the biological diversity and its threats, as well as on proposals for policies, projects, and mechanisms for monitoring ecosystems, in the context of urban development; (ii) based on this strategy, defining four biodiversity action plans in selected districts, using both the outcomes of assessments and the public investment project guidelines published by the Ministry of Economy and Finance for funding ecosystem service-related projects;⁷ and (iii) developing a restoration plan for Lima's canal network, as it is an important ecosystem and water source for the city. Additionally, a pilot canal management model will be devised to ensure the sustainable use of the resource and its availability for irrigating green spaces.⁸
- 3.4 **Component 4. Catalyze investment for urban accessibility in Lima.** This component will fund three preinvestment studies⁹ for strategic multimodal accessibility actions and transportation-oriented development for three stops along Line 2 of the Lima Metro.¹⁰ The studies aim to ensure proper urban integration of this line, taking into consideration development opportunities relating to (i) urban growth; (ii) land use; (iii) densification; (iv) improvement of public spaces; and (v) integration

⁶ The MINAM will make the selection in coordination with the IDB, once the study on the growth of the urban footprint is completed.

⁷ Such as the Permanent Nursery of Native Species in Raimondi Park and other priority projects stemming from the biodiversity study.

⁸ The pilot will be conducted in the San Borja District, in conjunction with its Irrigation Board, which will invest counterpart funds to implement the instruments and studies. This pilot is expected to generate inputs that can be replicated in other locations.

⁹ These studies will include urban development analysis, prefeasibility studies, and construction designs.

¹⁰ Studies for two simple and one multimodal stations or five simple stations could be funded. In addition, according to the GEF guidelines, loan 3373/OC-PE for US\$300,000,000 will be used as parallel financing, since the technical designs of the stations will serve as a guide for investments made in Line 2 of the Metro.

of various modes of transportation. The purpose of this line is to catalyze the creation of compact, accessible urban environments conducive to nonmotorized mobility and public transportation.

- 3.5 The stations will be selected from among the first two sections to be opened.¹¹ Relevant, highly feasible stations will be selected in coordination with the *Autoridad Autónoma del Tren Eléctrico de Lima* [Autonomous Electric Train Authority of Lima], the mayors of the districts involved, the MINAM, the Ministry of Transportation, and the Bank. Station designs and proposed interventions will serve as a guide and model for designing the remaining 22 stations and future system expansion. They will also be considered for the investments associated with the Lima Metro Line 2 and 4 project (loan 3373/OC-PE), particularly those allocated to the construction of Line 2 of the Metro.
- 3.6 **Component 5. Strengthening the local, national, and international sustainable cities partnership.**¹² This component plans to finance activities to strengthen local capacities and interagency coordination through: (i) training seminars for national and district-level authorities; (ii) implementation of a communications and dissemination strategy; (iii) creation of a global information platform¹³ to host geospatial data, indicators, and models developed in the first three components.
- 3.7 The total cost of this technical cooperation operation is US\$7,401,515, of which US\$6,422,019 is to be funded by the Global Environment Facility (GEF). The remaining US\$979,496 will be contributed as the local counterpart both in kind and in financial resources ([Itemized Budget](#)).

C#	Description	IDB/GEF	Local counterpart	Total
C1	Strengthening comprehensive sustainable urban planning and management	2,485,000	0	2,485,000
C2	Planning for urban water management in the LMA	800,000	0	800,000
C3	Monitoring and analysis of urban biodiversity	795,000	876,168 ¹⁴	1,671,168
C4	Catalyze investment for urban accessibility in Lima	1,363,000	0	1,363,000
C5	Strengthening the local, national, and international sustainable cities partnership	557,919	103,328 ¹⁵	661,247

¹¹ These stations are in the districts of Ate and Santa Anita. Stations in the newly expanded sections of the systems could be included.

¹² This platform will be integrated with the Global Platform for Sustainable Cities, an initiative that has been developed and funded as part of the GEF's Sustainable Cities Integrated Approach Pilot.

¹³ The information technology platform on sustainable cities will facilitate advanced spatial inquiry tools. The system will include map publication services to facilitate analysis and monitoring of environmental, climate change, and urban growth indicators. The system will be comprised of the Peruvian cities in the ESC program and will allow access to all public agencies.

¹⁴ The Municipio of San Borja and the Irrigation Committee of Surco submitted letters of intent to finance activities, including irrigation infrastructure maintenance and improvement, ecosystem services conservation, and dissemination activities associated with this technical cooperation project (see [letters of intent](#)).

¹⁵ The MINAM submitted a letter of intent to fund the contracting of human resources, procurement of technical equipment, and technical coordination and supervision activities for this technical cooperation project (see [letters of intent](#)).

C#	Description	IDB/GEF	Local counterpart	Total
	Administrative costs of the executing agency, FONDAM	321,100	0	321,100
	Midterm evaluation	35,000	0	35,000
	Final evaluation	45,000	0	45,000
	Audit	20,000	0	20,000
TOTAL		6,422,019	979,496	7,401,515

IV. EXECUTING AGENCY AND EXECUTION STRUCTURE

- 4.1 The MINAM, on behalf of the Government of Peru, has designated the Fondo de las Américas (FONDAM)¹⁶ as the executing agency for the technical cooperation project. For purposes of project execution, the MINAM and FONDAM will sign an agreement setting forth the specific responsibilities of each party within the proposed execution structure, in which the MINAM will be responsible for the technical coordination and supervision of technical cooperation activities. **The entry into effect of this agreement will be a condition precedent to the first disbursement of technical cooperation resources.**
- 4.2 FONDAM's objectives are to promote, administer, and finance strategic programs and projects on sustainable environmental development, forest conservation, water, sanitation, and childhood development. As this is the first time the Bank has partnered with FONDAM as an executing agency, FONDAM's institutional capacity was assessed, and its capacity to execute this operation was verified.¹⁷
- 4.3 An advisory committee of the actors involved in component activities will be created for each component. The institutions to be involved in the various committees will be identified during the initial diagnostic assessment phase. Where the Bank deems necessary, FONDAM will hire individual consultants—with project funds—to support technical supervision activities. The description of advisory committee responsibilities will be included in the cooperation agreement between the MINAM and FONDAM (paragraph 4.1).
- 4.4 FONDAM will be responsible for selecting and contracting the consultants, in accordance with the latest version of the "Policies for the Selection and Contracting of Consultants financed by the IDB" (document GN-2350-9) and "Policies for the Procurement of Goods and Works financed by the IDB" (document GN-2349-9), and subject to the ex ante no objection of the Bank.
- 4.5 The disbursement of funds will be subject to ex post supervision by the Bank. Project financial statements will be audited each year by independent consultants. Once this operation is approved, the executing agency will submit an itemized Procurement

¹⁶ FONDAM was established under the agreement to reduce debt and the framework agreement establishing Fondo de las Américas and its board of directors, signed by the governments of Peru and the United States on 26 June 1997 and 24 December 1997, respectively. These agreements were adopted by Supreme Decree 079 and 087-97-EF.

¹⁷ [Institutional assessment of FONDAM.](#)

Plan for the first 18 months, to be agreed by the MINAM and the IDB as a condition precedent to execution.

- 4.6 Project monitoring and evaluation will be carried out at three levels: (i) project outcomes, as indicated in the results matrix; (ii) specific outputs/indicators established by the project in the annual work plans; and (iii) general project implementation, through midterm and final evaluations. These activities will be financed by this technical cooperation operation as indicated in the indicative budget. FONDAM will send the Bank: (i) semiannual progress reports within 30 days of the end of each six-month calendar period for the purpose of supervising the operation's outcomes and outputs; and (ii) audited financial statements of the operation, within 120 days following the date of the last disbursement.

V. MAJOR RISKS

- 5.1 The MINAM has selected FONDAM as the executing agency to ensure execution capacity. FONDAM was chosen because it has the technical experience to facilitate coordination and execution among entities, fund administration capacity, and a successful track record of collaboration with the MINAM (paragraph 4.1).
- 5.2 Due to FONDAM's inexperience with internal IDB processes, the contracting of a part-time procurement and fiduciary specialist, with experience in IDB-specific processes, is recommended to support execution.¹⁸
- 5.3 As regards data collection and information aggregation challenges for the LMA, the advisory committees—in which national, municipal, and district-level agencies will participate during the initial diagnostic assessment phase for each component—will serve as a mitigation mechanism for ensuring that there are no interruptions in data collection and disaggregation for the LMA that could impede the flow of information for conducting studies. These committees will also facilitate involvement and awareness of study outcomes among local counterparts.
- 5.4 Weak ownership of outcomes and technical capacity of beneficiaries are risks that will be mitigated by training activities and institutional capacity building for authorities and technical experts involved at the district, metropolitan, and national levels.

VI. EXCEPTIONS TO BANK POLICIES

- 6.1 No exceptions to Bank policies have been found.

VII. ENVIRONMENTAL SAFEGUARDS

- 7.1 Given the nature of the components funded under this operation, there will be no negative environmental or social impacts. Pursuant to the Bank's policy (Operational Policy OP-703), this technical cooperation project is classified as a category "[C](#)" operation (see [additional information](#)).

¹⁸ Included in the administrative costs.

Required annexes:

- Annex I: [Results Matrix](#)
- Annex II: [Procurement Plan](#)

Required electronic links:

- [Client request](#)
- [Terms of Reference](#)



RESULTS MATRIX



Outcomes


Outcome:	The LMA has a comprehensive diagnostic assessment on climate change mitigation and footprint growth incorporated into policies and projects and identifies the main strategic actions for the coastal region.
Outcome:	The LMA has a comprehensive diagnostic assessment on the use of and pressure on water resources in all basins. It is a tool that promotes comprehensive planning of water management.
Outcome:	The LMA is carrying out comprehensive, long-term planning based on ecosystem conservation and incorporates monitoring systems to assess challenges and progress related to protecting urban biodiversity.
Outcome:	The Lima Metro system has a station model that promotes nonmotorized, accessible mobility and transportation-oriented development; the stations on Line 2 of the Lima Metro have incorporated this model in their design.
Outcome:	LMA authorities, specialists, and society use environmental, urban information pertaining to the LMA in urban planning and ecosystem conservation processes.

 RF - Contribution

Outputs: Annual Physical and Financial Progress

						Physical progress						Financial progress								
Outputs	Fund indicator	Unit of measure	Baseline	Base year	Means of verification		2018	2019	2020	2021	EOP		2018	2019	2020	2021	EOP	Topics	Flags	
1. Strengthening comprehensive sustainable urban planning and management																				
1.1 Finalized ESC studies	GEF studies on emissions and urban growth	Studies (#)	0	2017	IDB no objection to the studies submitted	P	1	2	0	0	3	P	900,000	685,000	0	0	1,585,000	Sustainable cities		
						P(a)						P(a)								
						A						A								
1.2 Adaptation study completed	GEF coastal vulnerability and adaption study	Studies (#)	0	2017	IDB no objection to the study submitted	P	0	1	0	0	1	P	450,000	450,000	0	0	900,000	Sustainable energy and climate change		
						P(a)						P(a)								
						A						A								

						Physical progress						Financial progress							
Outputs	Fund indicator	Unit of measure	Baseline	Base year	Means of verification		2018	2019	2020	2021	EOP		2018	2019	2020	2021	EOP	Topics	Flags
2. Planning for urban water management in the LMA																			
2.1 Development of a water and environmental management support system for the Metropolitan Lima supply system	GEF	Systems (#)	0	2017	IDB no objection to the output presented	P	0	0	1	0	1	P	200,000	200,000	400,000	0	800,000	Sustainable cities	
						P(a)						P(a)							
						A						A							
3. Monitoring and analysis of urban biodiversity																			
3.1 Action plans designed	GEF Assessment of urban biodiversity and urban ecosystem services for the LMA and action plans	Action plans (#)	0	2017	IDB no objection to the output presented	P	1	2	2	0	5	P	155,000	150,000	150,000	0	455,000	Biodiversity and ecosystem conservation	
						P(a)						P(a)							
						A						A							
3.2 Action plans designed	GEF Action plan for the conservation of the Lima canal network (Pilot: Surco and Huatica)	Action plans (#)	0	2017	IDB no objection to the output presented	P	0	1	1	0	2	P	170,000	170,000	0	0	340,000	Biodiversity and ecosystem conservation	
						P(a)						P(a)							
						A						A							
4. Catalyze investment for urban accessibility in Lima																			
4.1 Urban development and prefeasibility studies, constructive designs and models on accessibility, multimodality, and transportation-oriented development for Line 2 of the Lima Metro	GEF	Study	0	2017	Prefeasibility study approved	P	0	1	2	0	3	P	681,500	340,750	340,750	0	1,363,000	Sustainable cities	
						P(a)						P(a)							
						A						A							

						Physical progress						Financial progress						Topics	Flags
Outputs	Fund indicator	Unit of measure	Baseline	Base year	Means of verification		2018	2019	2020	2021	EOP		2018	2019	2020	2021	EOP		
5. Strengthening the local, national, and international sustainable cities partnership																			
5.1 Training	GEF information and training events	Events (#)	0	2017	Reports on events held	P	3	2	2	0	7	P	153,395	52,262	52,262	0	257,919	Institutional development	
						P(a)						P(a)							
						A						A							
5.2 Virtual platforms designed	GEF information platform to host geospatial data, indicators, and models	Platforms (#)	0	2017	Platform design approved	P	0	1	0	0	1	P	50,000	50,000	100,000	0	200,000	Sustainable cities	
						P(a)						P(a)							
						A						A							
5.3 Communication strategy implemented	GEF	Strategies (#)	0	2017	Strategy approved	P	0	0	1	0	1	P	0	100,000	0	0	100,000	Institutional development	
						P(a)						P(a)							
						A						A							

Other costs	Financial progress					
		2018	2019	2020	2021	EOP
Administrative costs of the executing agency FONDAM	P	107,000	107,000	107,100	0	321,100
	P(a)					
	A					
Midterm evaluation	P	0	35,000	0	0	35,000
	P(a)					
	A					
Final evaluation	P	0	0	0	45,000	45,000
	P(a)					
	A					
Audit	P	0	0	0	20,000	20,000
	P(a)					
	A					
Local counterpart activities	P	0	876,168	103,328	0	979,496
	P(a)					
	A					
Total cost	Financial progress					
		2018	2019	2020	2021	EOP
	P	2,448,645	3,793,680	1,094,190	65,000	7,401,515
	P(a)					
	A					

PROCUREMENT PLAN FOR NONREIMBURSABLE TECHNICAL COOPERATION										
Country: Peru						Executing agency: Fondo de las Américas en Perú (FONDAM)				
Project number: PE-T1355						Project name: Support for the National Platform for Sustainable Cities and Climate Change in Lima				
Public or private sector: Public										
Plan period: 48 months										
Threshold amount for ex post procurement review:			Goods and services (amount in US\$): 0.00			Consulting services (amount in US\$): 0.00				
Item	Ref. AWP	Procurement description (1)	Estimated cost of contract	Procurement method (2)	Procurement review (3)	Source of financing and percentage		Estimated date of procurement announcement or start date of contract	Technical review by PTL (4)	Comments
						IDB/MIF %	Local / Other %			
		Component 1								
		Nonconsulting services								
1		Procurement of satellite images, orthorectification, map generation, and DEM	\$ 385,000	PC	Ex ante	100%		1-Jan-18		
		Consulting services (firm)								
2		GHG emissions studies for the LMA and four actions for districts	\$ 300,000	QCBS	Ex ante	100%		1-Jan-18		
3		Study of risks and coastal adaptation	\$ 900,000	QCBS	Ex ante	100%		1-Jan-18		
4		Urban growth study for four LMA districts	\$ 900,000	QCBS	Ex ante	100%		1-Jan-18		
		Component 2								
		Consulting services (firm)								
5		Water and environmental management support system for the territory associated with the Metropolitan Lima supply system	\$ 800,000	QCBS	Ex ante	100%		1-Sep-18		
		Component 3								
		Consulting services (firm)								
6		Strategy for urban biodiversity and urban ecosystem services to develop the LMA Biodiversity Plan	\$ 455,000	QCBS	Ex ante	100%		1-May-18		
7		Urban plan to conserve the Lima canal network	\$ 340,000	QCBS	Ex ante	100%		1-Dec-18		
		Component 4								
		Consulting services (firm)								
8		Urban development and prefeasibility studies and constructive designs for strategic actions on accessibility, multimodality, and transportation-oriented development of a station on Line 2 of the Lima Metro	\$ 681,500	QCBS	Ex ante	100%		1-Jun-18		

Item	Ref. AWP	Procurement description (1)	Estimated cost of contract	Procurement method (2)	Procurement review (3)	Source of financing and percentage		Estimated date of procurement announcement or start date of contract	Technical review by PTL (4)	Comments
						IDB/MIF %	Local / Other %			
9		Urban development and prefeasibility studies and constructive designs for strategic actions on accessibility, multimodality, and transportation-oriented development of a second station on Line 2 of the Lima Metro	\$ 340,750	QCBS	Ex ante	100%		1-Jun-19		
10		Urban development and prefeasibility studies and constructive designs for strategic actions on accessibility, multimodality, and transportation-oriented development of a third station on Line 2 of the Lima Metro	\$ 340,750	QCBS	Ex ante	100%		1-Jun-20		
		Component 5								
		Consulting services (firm)								
11		Design and implementation of an information platform on sustainable cities and climate change for the Lima Metropolitan Area and ESC cities in Peru	\$ 200,000	QCBS	Ex ante	100%		1-Oct-19		
12		Design and implementation of a communication strategy	\$ 100,000	QCBS	Ex ante	100%		1-Jan-19		
		Nonconsulting services								
13		Design and implementation of information, training, dissemination, monitoring, and evaluation activities	\$ 257,919	PC	Ex ante	100%		1-Sep-18		
		Monitoring and evaluation								
14		Mid-term evaluation	\$ 35,000	CP	Ex ante	100%		1-Jan-19		
15		Final Evaluation	\$ 45,000	CP	Ex ante	100%		1-Jan-21		
16		Final Audit	\$ 20,000	CP	Ex ante	100%		1-Jan-21		
Total			6,100,919.00	Prepared by: Avelina Ruiz			Date: 28 September 2017			
⁽¹⁾ Grouping together of procurement is recommended for items of a similar nature, such as information-technology equipment, furniture, publications, travel, etc. If there are a number of similar individual contracts to be executed at different times, they can be grouped together under a single heading, with an explanation in the comments column indicating the average individual amount and the period during which the contract would be executed. For example: an export promotion project that includes travel to participate in fairs would include an item called “airfare for fairs,” an estimated total value of US\$5,000, and an explanation in the comments column: “This is for approximately 4 different airfares to participate in fairs in the region in years X and X1.”										
⁽²⁾ Goods and Works: CB: Competitive Bidding; PC: Price Comparison; DC: Direct Contracting.										
⁽²⁾ Consulting firms: CQS: Selection Based on Consultants’ Qualification; QCBS: Quality- and Cost-Based Selection; LCS: Least Cost Selection; FBS: Selection under a Fixed Budget; SSS: Single-Source Selection; QBS: Quality-Based Selection										
⁽²⁾ Individual consultants: NICQ: National Individual Consultant Selection Based on Comparison of Qualifications; SSS: Single-Source Selection.										
⁽²⁾ Country system: CS: For public sector nonreimbursable technical-cooperation projects when the country system is approved for the method associated with the procurement.										
⁽³⁾ Ex-ante/ex-post review/CS. In general, depending on institutional capacity and the risk level associated with the procurement, ex post review is the standard modality. Ex ante review can be specified for critical or complex processes. If the country system is approved for the method associated with the procurement, monitoring will be performed through the country system.										
⁽⁴⁾ Technical review: The PTL will use this column to define which procurement activities are considered "critical" or "complex," requiring ex ante review of the terms of reference, technical specifications, reports, outputs, and other items.										

SUPPORT TO THE NATIONAL PLATFORM FOR SUSTAINABLE CITIES AND CLIMATE CHANGE IN LIMA

PE-T1355

CERTIFICATION

I hereby certify that this operation was approved for financing under the **Global Environment Facility (FMM)** through a communication dated June 7, 2017 and signed by Brady Martin (ORP/GCM). Also, I certify that resources from said fund are available for up to **US\$6,422,019** in order to finance the activities described and budgeted in this document. This certification reserves resource for the referenced project for a period of four (4) calendar months counted from the date of eligibility from the funding source. If the project is not approved by the IDB within that period, the reserve of resources will be cancelled, except in the case a new certification is granted. The commitment and disbursement of these resources shall be made only by the Bank in US dollars. The same currency shall be used to stipulate the remuneration and payments to consultants, except in the case of local consultants working in their own borrowing member country who shall have their remuneration defined and paid in the currency of such country. No resources of the Fund shall be made available to cover amounts greater than the amount certified herein above for the implementation of this operation. Amounts greater than the certified amount may arise from commitments on contracts denominated in a currency other than the Fund currency, resulting in currency exchange rate differences, represent a risk that will not be absorbed by the Fund.

ORIGINAL SIGNED

Sonia M. Rivera

Chief

Grants and Co-Financing Management Unit

ORP/GCM

9/28/2017

Date

DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

PROPOSED RESOLUTION DE-____/17

Peru. ATN/FM-_____-PE. Nonreimbursable Technical Cooperation of the
Global Environment Facility (GEF). Support for the National Platform
for Sustainable Cities and Climate Change in Lima

The Board of Executive Directors

RESOLVES:

1. That the President of the Bank, or such representative as he shall designate, is authorized, in the name and on behalf of the Bank, as Administrator of the IADB/GEF Fund, to enter into such agreements as may be necessary with the Republic of Peru, as Beneficiary, and to adopt such other measures as may be pertinent for the execution of the technical cooperation proposal contained in document AT-____, with respect to a nonreimbursable technical cooperation to support the national platform for sustainable cities and climate change in Lima.
2. That up to the equivalent of US\$6,422,019 is authorized for the purposes of this resolution, chargeable to the resources of the IADB/GEF Fund.
3. That the above-mentioned sum is to be provided on a nonreimbursable basis.

(Adopted on _____)

LEG/SGO/CAN/862165579-3524
PE-T1355