Board of Executive Directors
Short Procedure
Expires on 8 December 2016

AT-1530
1 December 2016
Original: Spanish
Public
Simultaneous Disclosure

To: The Executive Directors

From: The Secretary

Subject: Colombia. Nonreimbursable technical-cooperation funding for the project "Sustainable Management and Conservation of Biodiversity in the Magdalena River Basin"

Basic Information:

Executing agency ..... *Fundación Natura*

Amount ..... up to US$6,363,600

Source ..... Global Environment Facility (GEF)

Inquiries to: Fernando Balcázar (telephone Country Office in Colombia 571-325-7039) or Juan Josue Ávila (telephone Country Office in Colombia 571-325-7000)

Remarks: The Directors are requested to inform the Secretary, in writing, no later than **8 December 2016**, if they wish to interrupt this procedure. If no such communication is received by that date, the attached resolution will be considered approved by the Board of Executive Directors, and a record to that effect will be made in the minutes of a forthcoming meeting.

Reference: DR-398-17(1/15), CS-3953-2(5/16), GN-2752-4(8/14), DE-103/14, GN-2469-2(3/08), DE-44/08, GN-2470-2(3/08), DE-45/08

PUBLIC
SIMULTANEOUS DISCLOSURE

DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

COLOMBIA

SUSTAINABLE MANAGEMENT AND CONSERVATION OF BIODIVERSITY IN THE MAGDALENA RIVER BASIN

(CO-T1412)

TECHNICAL COOPERATION DOCUMENT

This document was prepared by the project team consisting of: Fernando Balcázar (RND/CCO), Project Team Leader; Josué Ávila (RND/CCO); Michael Collins (CSD/RND); Mylenna Cárdenas (CAN/CCO); Gabriele del Monte (CAN/CCO); Mónica Lugo (LEG/SGO); Marybel Díaz (CAN/CCO); Shari García (CAN/CCO); and Lisa Sofia Restrepo (CSD/RND).

Technical Cooperation Document

I. BASIC INFORMATION

▪ Country/Region:	Colombia
▪ Technical cooperation project name:	Sustainable Management and Conservation of Biodiversity in the Magdalena River Basin
▪ Technical cooperation project number:	CO-T1412
▪ Project Team Leader/Members:	Fernando Balcázar (RND/CCO), Project Team Leader; Josué Ávila (RND/CCO); Michael Collins (CSD/RND); Mylenna Cárdenas (CAN/CCO); Gabriele del Monte (CAN/CCO); Mónica Lugo (LEG/SGO); Marybel Díaz (CAN/CCO); Shari García (CAN/CCO); and Lisa Sofia Restrepo (CSD/RND)
▪ Taxonomy:	Client support
▪ Technical cooperation abstract approval date:	N/A
▪ Beneficiaries:	Ministry of Environment and Sustainable Development (MADS); Corporaciones Autónomas Regionales (CAR); Corporación Autónoma Regional del Río Grande de la Magdalena (CORMAGDALENA); and the Institute for Hydrology, Meteorology, and Environmental Studies (IDEAM)
▪ Executing agency:	Fundación Natura
▪ Donors providing financing:	Global Environment Facility (GEF)
▪ IDB financing requested:	US$6,363,600
▪ Local counterpart, if applicable:	US$25,000,000 (cash: US$3,391,669; in kind: US$21,608,331)
▪ Disbursement period:	60 months (execution period: 56 months)
▪ Required start date:	December 2016
▪ Types of consultants:	Consulting firm and individual consultants
▪ Prepared by unit:	CSD/RND
▪ Unit of disbursement responsibility:	Country Office in Colombia (CAN/CCO)
▪ Technical cooperation project included in Country Strategy:	Yes
▪ Technical cooperation project included in the CPD:	Yes
▪ GCI-9 Sector Priority:	Environmental protection and climate change response

II. TC OBJECTIVES AND RATIONALE

2.1 The Magdalena River Basin is an area of great environmental and socioeconomic importance in Colombia. It covers 270,895 km^2, is home to 77% of the country's population, produces 86% of its gross domestic product (GDP), 75% of its hydropower, 70% of its agricultural production, and 50% of its inland fishing (TNC, 2015). Its variable altitudes create a wide array of habitats of great global importance in terms of conservation of threatened species. However, the freshwater ecosystem

(4.68% of the total area) receives little protection. The Fifth National Report on Biodiversity in Colombia (2014) under the Convention on Biological Diversity (CDB) highlights the need for increasing the representation of those ecosystems in the National Protected Areas System (SINAP),[1] in accordance with the Aichi target 11.[2]

2.2 The health of the freshwater ecosystems is threatened by significant pressures, such as changes to the water regime caused by reservoirs, dams, and the blockage of channels. This has led to changes including fluctuations in sediment levels, the loss of biodiversity, and the loss of connectivity between water bodies.[3] Another threat is overfishing: there was an 85%[4] decrease in fish resources between 1974 and 1995. This is indicative of the threat facing fish stocks, and some species are included in the Red Book of Freshwater Fish in Colombia (Lasso, C.A et al, 2011). The Autoridad Nacional de Acuicultura y Pesca [National Aquaculture and Fisheries Authority] (AUNAP) and Corporación Autónoma Regional del Río Grande de la Magdalena (CORMAGDALENA) are currently implementing strategies to strengthen artisanal fishing on the Magdalena River, but current efforts need to be supplemented with conservation guidelines and priority should be given to improving the commercial approach of businesses.

2.3 The basin is managed by multiple actors of varying scale, operating with different sector and or spatial perspectives, insufficient scientific information, and little insight into the health of freshwater ecosystems for environmental management (e.g. licensing, permitting, and land planning). In this regard, it is important to support the country's efforts to consolidate the Colombian Environmental Information System (SIAC), which aims to foster the generation and sharing of environmental information for decision-making at the national, regional, and local levels.

2.4 The general objective of the project is to contribute to the conservation and sustainable use of biodiversity in the Magdalena River basin through the protection of priority habitats, the enhancement of ecosystem health, and the strengthening of governance and local capacities.

2.5 Given the complexity of the threats, priority was placed on addressing the following challenges facing freshwater ecosystem conservation: (i) the low representation of these ecosystems in the SINAP; (ii) insufficient availability of scientific information on the relationship between the main threats and the health of ecosystems; and (iii) the low environmental and land management capacity of the national and regional authorities. Given the size of the basin and to effectively address these threats, priority was given to a portfolio of nine conservation areas as land units for the implementation of the project.

2.6 The project is consistent with objectives 2 and 3 of the National Development Plan (2014-2018), which concern the sustainable use of natural capital and reducing vulnerability to disaster risks and climate change. It is also consistent with policies including the National Policy for the Management of Biodiversity and Ecosystem

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1 See abbreviations list.

2 Aichi Biodiversity Targets 2011-2020.

3 (Poff, 1997) (Opperman, Luster, Mckenney, Roberts, & Meadows, 2010).

4 Production fell from 78,847 tons/year to 10,259 tons/year, remaining unchanged in 2009.

Services, and the Policy for the Integrated Management of Water Resources. This technical cooperation project is also consistent with the Update to the Institutional Strategy 2010-2020 and is aligned with the crosscutting area of climate change and environmental sustainability. It is also aligned with the IDB Country Strategy with Colombia 2015-2018 in the crosscutting area of green growth that gives priority to climate change adaptation, conservation, and effective management of protected areas and is one of the primary strategies, according to the Conference of the Parties to the United Nations Framework Convention on Climate Change (COP-2014). The project also contributes to objectives 1 and 2 of the Global Environment Facility (GEF) biodiversity focal area by improving the effective management of protected areas and the conservation of biodiversity in landscapes and seascapes.

III. Description of Activities/Components and Budget

3.1 **Component 1: Conservation of priority areas.** This component has the objective of improving the representation and ecological integrity of the freshwater ecosystems in the basin through the creation of at least five new protected areas that will add 160,000 new hectares to SINAP and the strengthening of four existing protected areas that cover 188,376.76 hectares. In areas of importance that cannot feasibly be declared protected areas, three 500,000-hectare conservation mosaics[5] will be established. For the new protected areas, technical assistance will be financed to support the cycle to create, formalize, prepare, and implement the management plans; and for existing protected areas, support will be provided for the implementation of management plans, especially activities linked to improving management effectiveness (equipment and/or small-scale infrastructure, strengthening governance, etc.). For the conservation mosaics, support will be provided to design land planning instruments for the management and implementation of strategic actions based on landscape, connectivity, and biodiversity criteria. These actions will be the basis for the identification of environmental determinants (core areas of the mosaics) for land management, which are compulsory under the Hydrographic Basin Management Plan (POMCAS) and the Land Management Plan (LMP).

3.2 **Component 2: Management of ecosystem health.** This component aims to contribute to the maintenance and health of freshwater ecosystems, through: (i) enhancing the freshwater habitats that are important for the reproduction of the Bocachico fish (*Prochilodus magdalenae*), based on the formulation of Fishing Management Plans,[6] the development of tools and local capacities to establish a responsible and profitable artisanal fishing model in Barbacoas (based on current capacities); and the adoption of conservation agreements with communities for restoration and restocking activities that will be cofinanced by Corporaciones Autónomas Regionales (CAR) and CORMAGDALENA; and (ii) the incorporation of

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[5] Conservation mosaics are complementary conservation strategies for managing landscapes in large areas that contain: areas of high ecological value, human settlements, productive activities, etc. Core areas with high conservation value (environmental determinants) are established within the mosaics and, through collaboration with local actors, conversation agreements are created to provide for ecosystem connectivity.

[6] The Fisheries Management Plans are proposed for the Barbacoas, Zapatosa, and Ayapel wetlands.

criteria to manage freshwater ecosystems in terms of environmental and land planning in the basin. The generation of three hydrological models[7] will be supported to understand the dynamics of the hydro-systems through the quantification of the variables that determine their health and the evaluation of threats, especially those linked to sedimentation processes, change in the water regime, climate change, and other pressures on water resources. The results of the models will provide technical guidelines to be included in plans including the POMCAS, LMP, and the Macrobasin Strategic Plan. This will be developed with the Institute for Hydrology, Meteorology, and Environmental Studies (IDEAM) National Modeling Center, which will ensure the transfer of knowledge and technology to other relevant institutions, such as the CAR, Autoridad Nacional de Licencias Ambientales [National Environmental Licensing Authority] (ANLA), and the Ministry of Environment and Sustainable Development (MADS).

3.3 **Component 3: Monitoring and evaluation**. This component aims to strengthen the monitoring systems that are part of the SIAC to monitor the health of freshwater ecosystems and the related biodiversity. During the first stage of the project, support will be provided to the SIAC institutions for the conceptual design of the system, to define indicators, determine competencies, and establish the institutional arrangements required to adopt consensus-based measures, in the framework of the information systems that currently provide data to the SIAC. To do so, the Humboldt Institute[8] will be involved given its relevant subject-matter expertise. The project will also support the collection and processing of data for some of the critical indicators; a methodology will be designed and implemented to determine the effectiveness of the management actions for wetlands and aquatic species in order to determine replicability; and activities will be undertaken to measure project performance through midterm and final evaluations. All the knowledge generated will be disseminated through a project communication strategy.

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[7] The models are proposed for: (i) Ayapel integrated management district in Mojana – sediment transport, (ii) the subbasin of La Vieja River – hydrological changes, and (iii) La Zapatosa – hydrological changes.

[8] A biodiversity research institute in Colombia attached to the Ministry of Environment and Sustainable Development.

Table 1. Indicative Results Matrix*

Components	Outputs	Outcomes
Component 1. Conservation of priority areas	Development of management plans and technical studies for protected areas (5) Development of environmental and land management instruments for conservation mosaics (3) Implementation of management plans for new and existing protected areas (9)	Outcome 1: Improved representation of the freshwater biomes in the SINAP. Outcome 2: Improved conservation of the freshwater ecosystems Outcome 3: Protected areas effectively managed Outcome 4: Population of threatened aquatic life increased Outcome 5: Enhanced SIAC to monitor freshwater ecosystems and related biodiversity
Component 2. Management of ecosystem health	Preparation of Fishing Management Plans (3) Implementation of a marketing plan for sustainable fishing (1) Private areas subject to conservation agreements for wetlands regeneration (300 hectares) Development of hydrological models that represent the strategic hydro-systems for conservation (3) Development of proposal on guidelines to consider for environmental and land planning instruments (2) Training of environmental institutions (30 people)	
Component 3. Monitoring and evaluation	Strengthening proposal designed for the SIAC Implementation of system to monitor the health of freshwater ecosystems (100%) Implementation of project communication strategy (100%) Preparation of midterm and final evaluations (2)	

* Itemized Results Matrix.

3.4 The total cost of the project is US$31,363,600, of which the Bank will contribute US$6,363,600 in resources from the Global Environment Facility (GEF). The counterpart contribution is equivalent to US$25,000,000 and consists of cash and in-kind contributions by the project's partner institutions.[9]

[9] The partner institutions, described in paragraph 4.3, will provide in-kind contributions consisting of current staff time, technical information, equipment and inputs, etc. for the project, as well as cash resources to cofinance project activities (e.g. resources for the CAR Action Plan to cofinance the Protected Areas declaration processes). The project operation manual will provide the specific details of these contributions as well as monitoring and control mechanisms.

Table 2. Indicative Budget* (US$)

Category of expenses	IDB/GEF	Counterpart		Total
		Cash	In kind	
Component 1: Conservation of priority areas	2,448,600	1,826,000	5,301,598	9,576,198
Component 2. Management of ecosystem health	2,300,000	806,773	16,306,733	19,413,506
Component 3: Monitoring and evaluation	1,300,000	758,896	0	2,058,896
Project management	255,000	0	0	255,000
Audit	60,000	0	0	60,000
Total	**6,363,600**	**3,391,669**	**21,608,331**	**31,363,600**

* Itemized Budget.

3.5 Semiannual monitoring reports will be submitted on the status of fulfillment with the results matrix, the annual work plan (AWP), and the procurement plan. Project monitoring will be the responsibility of the executing agency and will be performed in accordance with Bank and GEF policies and procedures. In addition, the project team will prepare annual project monitoring reports, which will include lessons learned and actions to improve execution.

3.6 A midterm evaluation will be performed when 40% of the contribution's resources have been disbursed, or 30 months after the project effective date, whichever occurs first. The midterm evaluation will determine the progress towards achieving the established targets and any changes that should be made to the execution strategy. In addition, a final evaluation will be performed in the final three months of execution, with conclusions on the attainment of outcomes. The final evaluation will address sustainability, lessons learned, and recommendations for implementation in other similar operations.

IV. Executing Agency and Implementation Structure

4.1 The executing agency will be Fundación Natura, a Colombian nonprofit organization created in 1983, which has extensive experience in implementing conservation and sustainable development projects. Fundación Natura is currently executing operation CO-X1008, financed by the GEF for a total amount of US$9.1 million, which has been successfully implemented with the midterm evaluation rating Fundación Natura's performance as highly satisfactory.

4.2 Fundación Natura will be responsible for project management, which includes the application of planning tools, financial and accounting management, procurement processes, verification of the quality of goods and services generated by contractors, and verification of fulfillment of conditions precedent.

4.3 Fundación Natura will receive support from the following partner institutions to execute the project: (i) IDEAM National Modeling Center, in charge of leading the modeling process; (ii) MADS, lead environmental agency; (iii) CORMAGDALENA,

responsible for sustainable development activities on the river; (iv) Adaptation Fund, providing modeling support; and (v) CARs, regional environmental authorities.[10]

4.4 The following structure has been defined for execution: (i) Project Coordination Unit (PCU) created within Fundación Natura, responsible for project execution; (ii) Steering Committee comprised of the partner institutions and Fundación Natura, which aims to provide strategic guidelines for project development and to oversee fulfillment of objectives; and (iii) Project Technical Committee, which will include representatives of MADS, IDEAM, CORMAGDALENA, Adaptation Fund, National Natural Parks, Fundación Natura, and CARs, and will be in charge of providing technical advisory support to the project.

4.5 The procurement of goods and the selection and contracting of consultants financed with the GEF contribution will be performed in accordance with applicable Bank policies (documents GN-2349-9 and GN-2350-9).[11] In accordance with Bank policies, a procurement plan will be agreed upon for the first 18 months of execution, and the PCU will update it on an annual basis, or whenever necessary. For purposes of the activities under component 3, the Humboldt Institute will be contracted directly, given its exceptionally valuable experience and its role as coordinator of the National Biodiversity System, giving it the authority to propose the planned improvements to the SIAC.

4.6 Contracting procedures will be subject to ex post supervision, except when the Bank states otherwise in the project procurement plan. Disbursements will be subject to ex post supervision, given the sound performance in previous operations. The executing agency is required to have a financial information system that is acceptable to the Bank that makes it possible to keep accounting, budget, and finance records, and to generate financial statements and other reports on IDB/GEF resources and other financing sources.

4.7 The disbursement period will be 60 months following the date the technical cooperation agreement is signed by the Bank and the executing agency; the execution period will be 56 months. The executing agency will open a U.S. dollar bank account exclusively for managing project resources and will request resources from the Bank based on cash flow for a maximum period of six months. The disbursements will be based on projections and on the project's cash flow needs. The exchange rate used for the Bank's advance of funds will be the monetization rate. The equivalent in dollars of the expenses incurred through the local contribution will be calculated using the exchange rate on the effective date of the payment to the contractor, supplier, or beneficiary.

4.8 The executing agency agrees to submit external audit reports to the Bank within 90 days following the close of each fiscal year of the project during the original disbursement period or its extensions, and within 90 days following the date of the last disbursement. It will also present financial reports, with the form, content, and

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[10] See project execution model.

[11] Specifically, the provisions of Appendix 4 of the cited documents relating to the private sector and the provisions of the Operating guidelines on procurement for nonreimbursable technical-cooperation operations (document OP-639).

frequency reasonably requested by the Bank. The audit will be performed by external auditors previously approved by the Bank and contracted by the executing agency, in accordance with the procedures and terms of reference previously agreed upon with the Bank. The audit fees will be financed with resources from the IDB/GEF contribution.

4.9 As conditions precedent to the first disbursement, the executing agency will present evidence of: (i) approval of the Project Operations Manual, under terms previously agreed upon with the Bank; (ii) selection of a national coordinator and administrative-financial coordinator; (iii) creation of the Project Steering Committee; and (iv) signing of agreements with the partner institution members of the Steering Committee.

V. Significant Risks

5.1 The insufficient commitment, empowerment, and capacities of actors involved in the project (fishers, communities, cattle producers, etc.) has implications on the implementation of conservation agreements for the establishment of the mosaics expected under Component 1. This risk is addressed in the project design by coordinating actions with organizations involved in current processes, in addition to the following proposals: (i) developing and implementing a plan to raise awareness with actors and beneficiaries; and (ii) strengthening local management capacities (considered as part of the project).

5.2 Executive-level changes at CARs could delay project implementation and delivery of the technical-financial commitments, given the importance of these institutions in the declaration of protected areas and the implementation of the respective management plans. This risk will be managed through: (i) dissemination of program objectives and scope to the new authorities; and (ii) signing of legal instruments that confirm the commitment of these institutions. There is also a preliminary portfolio of 18 sites, including nine priority sites; if a CAR does not wish to continue, there are other options that would not impact the expected outcomes.

VI. Exceptions to Bank policy

6.1 No exceptions to any Bank policies have been identified.

VII. Environmental Safeguards

7.1 The analysis of the project actions did not identify any negative environmental or social impacts. The project was classified as a category "C" operation in accordance with the IDB's Environment and Safeguards Compliance Policy (Operational Policy OP-703).

Required Annex

- Procurement plan

Required electronic links

- Client request
- Terms of reference

PROCUREMENT PLAN FOR NONREIMBURSABLE TECHNICAL COOPERATION OPERATIONS		
Country: Colombia	**Executing agency: Fundación Natura**	**Public (details in the document text)**
Project number: CO-T1412	**Project name: SUSTAINABLE MANAGEMENT AND CONSERVATION OF BIODIVERSITY IN THE MAGDALENA RIVER BASIN**	
Period covered by the Plan: First two years		
Threshold for the ex post procurement review: N/A	Goods and nonconsulting services: US$649,450	Consulting services and individual consultants: US$2,625,600

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
	COMPONENT 1.										
1	**GOODS**										
1	Equipment and minor infrastructure for the implementation of management plans for protected areas	US$80,000	S	ex post	100	0	No	Q2-Y2	Q4-Y5		It includes several equipment procurement processes and the contracting of small infrastructure under the management plans formalized for the protected areas. Based on the type of purchases planned, the shopping modality is considered in general, but if a purchase were to exceed the maximum amount for shopping, the corresponding modality for the good in question would be applied. Total estimated cost for the entire project: US$400,000, of which approximately US$100,000 corresponds to the San Lucas highlands protected area.
2	**INDIVIDUAL CONSULTANTS**										
2	Coordinator of Component 1	US$33,600	NICQ	ex ante	100	0	No	Q1-Y1	Q4-Y5		Initial one-year contract, with a renewal option. Estimated cost for 5 years: US$168,000
3	Land manager NAT Caribe - Lower Basin	US$24,000	NICQ	ex ante	100	0	No	Q2-Y1	Q4-Y5		Regional coordinator. Start in the second quarter of the first year. Initial one-year contract, with a renewal option. Total estimated cost over 5 years: US$108,000
4	Land manager NAT Caribe - Lower Basin	US$24,000	NICQ	ex ante	100	0	No	Q2-Y1	Q4-Y5		Regional coordinator. Start in the second quarter of the first year. Initial one-year contract, with a renewal option. Total estimated cost over 5 years: US$108,000

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
3	**NONCONSULTING SERVICES**										
5	Services to support the approval process for the declaration agreement and to coordinate the protected area process with the Campesino Reserve ACVC - Wetlands in the Barbacoas marsh	US$70,000	S	ex post	100	0	No	Q2-Y1	Q4-Y2		Corantioquia is currently finalizing the support documents, management plan, and declaration agreement. Resources are included to make changes to documents and for travel expenses or similar expenses during the agreement approval process.
6	Staff training	US$25,000	S	ex post	100	0	No	Q3-Y2	Q4-Y5		It includes trainer expenses, trainer and student travel, logistics, venue rental, food, purchasing and reproduction of materials, and other expenses related to staff training activities at the participating institutions at the local, regional, and national levels, as per the management plans formalized for the protected areas. Total estimated cost for the entire project: US$290,000, of which approximately US$100,000 corresponds to the San Lucas central highlands protected area.
7	Strengthening governance mechanisms	US$25,000	S	ex post	100	0	No	Q3-Y2	Q4-Y5		It includes expenses for local actor travel, logistics, venue rental, food, purchase and reproduction of materials, and other expenses related to activities with local actors, as per the management plans formalized for the protected areas. Total estimated cost for the entire project: US$280,000, of which approximately US$100,000 corresponds to the San Lucas central highlands protected area.
8	Operating costs	US$40,000	S		100	0		Q1-Y1	Q4-Y5		Travel expenses and per diem allowances and other operating expenses incurred by the national coordinator, Component 1 coordinator, and land managers in managing and monitoring Component 1. Total budget for this category in this component: US$101,636

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
9	Support services for the administrative process for the declaration and management plan - Wetlands on the Claro Cocorná Sur River	US$10,000	S	ex post	100	0	No	Q2-Y1	Q4-Y2		Cornare is currently finalizing the support documents, management plan, and declaration agreement. Some resources are included to make changes to documents or for travel expenses or similar expenses during the agreement approval process.
4	**CONSULTING SERVICES**										
10	Preparation of technical support documents for the declaration, preparation and administrative process for implementation of the update/expansion of the management plan - Cauca River Corridor Sonso Lagoon Core	US$60,000	SCQ	ex post	100	0	No	Q2-Y1	Q4-Y2		
11	Preparation of technical support documents for the declaration, preparation, and administrative process for the implementation of the update/expansion of the management plan - Cauca River Corridor Jamundí Core	US$80,000	SCQ	ex post	100	0	No	Q2-Y1	Q4-Y2		
12	Preparation of technical studies to complement the declaration, and preparation of the update/expansion of the management plan - La Zapatosa marsh	US$80,000	SCQ	ex post	100	0	No	Q2-Y1	Q4-Y2		
13	Design - preparation of the environmental and land planning instrument for the Barbacoas Conservation Mosaic.	US$110,000	SCQ	ex post	100	0	No	Q2-Y1	Q4-Y2		The project will contribute to the design/consolidation of a conservation mosaic, with the preparation of this planning instrument, which, among other things, will define the environmental determinants for the mosaic. If new protected areas are subsequently declared in the mosaic, the project could support the preparation of the corresponding management plan(s).

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
14	Design - preparation of the environmental and land planning instrument for the Mojana Conservation System Mosaic	US$130,000	SCQ	ex post	100	0	No	Q2-Y1	Q4-Y2		In the Mojana Conservation System Mosaic there is a protected area (Ayapel), which has a management plan. The project will contribute to the design/consolidation of a conservation mosaic, with the preparation of this planning instrument, which, among other things, will define the environmental determinants for the mosaic. If new protected areas are subsequently declared in the mosaic, the project could support the preparation of the corresponding management plan(s).
15	Design - preparation of the environmental and land planning instrument for the La Vieja River Conservation Mosaic	US$130,000	SCQ	ex post	100	0	No	Q2-Y1	Q4-Y2		In the La Vieja River conservation mosaic there are three protected areas, which have a management plan. The project will contribute to the design/consolidation of a conservation mosaic, with the preparation of this planning instrument, which, among other things, will define the environmental determinants for the mosaic. If new protected areas are subsequently declared in the mosaic, the project could support the preparation of the corresponding management plan(s).
COMPONENT 2.											
1	**GOODS**										
16	Purchase of satellite images and maps	US$15,000	S	ex post	100	0	No	Q3-Y1	Q4-Y1		For the development of the Ayapel protected area model, the satellite images and maps will be purchased from official suppliers.
2	**INDIVIDUAL CONSULTANTS**										
17	Coordinator of Component 2	US$33,600	NICQ	ex ante	100	0	No	Q1-Y1	Q4-Y5		Initial one-year contract, with a renewal option. Estimated cost for 5 years: US$168,000
18	Individual consulting services for the hydrodynamic modeling of the Zapatosa marsh	US$350,000	NICQ	ex post	100	0	No	Q2-Y1	Q2-Y3		The development of models will be led by IDEAM. Project resources will be used to contract individual consultants to support the IDEAM Modeling Center in the development of models. The
19	Individual consulting services for the sediment modeling of the Ayapel marsh	US$320,000	NICQ	ex post	100	0	No	Q2-Y1	Q2-Y3		

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
20	Individual consulting services for the hydrological and hydraulic modeling of the La Vieja River	US$310,000	NICQ	ex post	100	0	No	Q2-Y1	Q2-Y3		contracting of between 10 to 15 consultants is planned, who could either support the three models or focus on one; the distribution of resources will be agreed upon with IDEAM at the start of the project, based on the preliminary design of the component.
3	**NONCONSULTING SERVICES**										
21	Monitoring and collection of data to develop the mathematical representation models of the hydro-systems at Ayapel marsh, the La Vieja River basin, and Zapatosa marsh.	US$100,000	S	ex post	100	0	No	Q2-Y1	Q2-Y3		The project resources will cover expenses required to develop the models such as recording levels, field sampling, laboratory testing, renting hydroclimatological stations, and hydrobiological monitoring.
22	Leasing, administrative, equipment, and material resources to develop the mathematical representation models of the hydro-systems at Ayapel marsh, the La Vieja River basin, and Zapatosa marsh.	US$100,000	S	ex post	100	0	No	Q2-Y1	Q2-Y3		The development of models will be led by IDEAM's Modeling Center. Project resources will cover expenses required to develop the models such as the purchase of licenses and software, rental of computer equipment, printing equipment, plotters and inks, leasing expenses, per diem allowances, and technical equipment expenses for transportation to the study area.
23	Activities for the signing and monitoring of Conservation Agreements	US$55,000	S	ex post	100	0	No	Q3-Y1	Q4-Y5		It includes travel expenses, meetings, consultation events for the signing and monitoring of the implementation of the conservation agreements with the groups (see details in document). Total estimated cost for 5 years: US$150,000
24	Sustainable fishing management program and public-private partnerships	US$20,000	S	ex post	100	0	No	Q3-Y2	Q4-Y5		It includes travel expenses, meetings, training with groups of fishers in the priority areas (see details in document). Total estimated cost for 5 years: US$80,000

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
25	PCU staff travel and per diem expenses	US$15,000	S		100	0		Q1-Y1	Q4-Y5		Travel expenses and per diem allowances and other operating expenses incurred by the national coordinator, Component 2 coordinator, and land managers for managing and monitoring Component 2. Total budget for this category in this component. US$37,000
3	**CONSULTING SERVICES**										
26	Collecting data to develop the mathematical representation models of the hydro-systems at Ayapel marsh, the La Vieja River basin, and Zapatosa marsh.	US$100,000	SCQ	ex post	100	0	No	Q2-Y1	Q2-Y3		Consulting services for water measurements, topographic bathymetric models, and recording of levels needed for the development of models
27	Consulting services for the preparation of the Fisheries Management Plan in the Mojana System	US$125,000	SCQ	ex post	100	0	Yes	Q2-Y1	Q4-Y3		The consulting firm will be under the technical supervision of AUNAP
28	Consulting services for the preparation of the Fisheries Management Plan in the Zapatosa marsh	US$125,000	SCQ	ex post	100	0	Yes	Q2-Y1	Q4-Y3		The consulting firm will be under the technical supervision of AUNAP
29	Consulting services for the preparation of the Fisheries Management Plan in Barbacoas	US$150,000	SCQ	ex post	100	0	Yes	Q2-Y1	Q4TY3		The consulting firm will be under the technical supervision of AUNAP
COMPONENT 3.											
1	**INDIVIDUAL CONSULTANTS**										
30	Coordinator of Component 3	US$33,600	NICQ	ex ante	100	0	No	Q1-Y1	Q4-Y5		Initial one-year contract, with a renewal option. Estimated cost for 5 years: US$168,000
31	Design of the communication and dissemination strategy	US$20,000	NICQ	ex post	100	0	No	Q1-Y1	Q4-Y1		
2	**NONCONSULTING SERVICES**										
32	Establishing baselines, and implementation of the monitoring systems (data collection)	US$54,450	S	ex post	100	0	No	Q3-Y1	Q4-Y5		It includes travel expenses, logistics, equipment use, and staff at the institutions in charge of measuring the defined project indicators and the monitoring system for the measurement supported by the project. The total cost of this expense category is estimated to be US$544,500

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
33	Implementation actions for the communication strategy	US$15,000	S	ex post	100	0	No	Q1-Y2	Q4-Y5		Direct costs of communication actions, preparation of informational and visibility material, etc. The total cost for implementation over the five years is US$115,000.
34	PCU staff travel and per diem expenses	US$15,000	S	ex post	100	0	No	Q1-Y1	Q4-Y5		Travel expenses and per diem allowances and other operating expenses incurred by the national coordinator, Component 3 coordinator, and land managers for managing and monitoring Component 3. Total budget for this category in this component: US$37,000
3	**CONSULTING SERVICES**										
35	Design of monitoring system for the health of freshwater ecosystems for land management	US$300,000	DC	ex ante	100	0	Yes	Q1-Y1	Q4-Y2		The direct contracting of the Alexander von Humboldt Institute is planned for the system, under an exception to the Bank's procurement and contracting policy.
	SUPERVISION AND PROJECT MANAGEMENT										
1	**GOODS**										
36	PCU equipment	US$10,000	S	ex post	100	0	No	Q1-Y1	Q3-Y1		The basic IT equipment will be purchased for PCU staff
2	**INDIVIDUAL CONSULTANTS**										
37	National project coordinator	US$43,200	NICQ	ex ante	100	0	No	Q1-Y1	Q4-Y5		General coordinator of the PCU. US$86,400 from Component 1 and US$129,600 from the project management expenses. Initial one-year contract, with a renewal option. Estimated cost for 5 years: US$216,000

Ref.	Category and description of procurement contract	Estimated cost of procurement (US$ 000s)	Procurement method[2]	Review (ex ante or ex post)	Financing source and percentage		Prequalification[3] (Yes/No)	Estimated dates		Project Team Leader review[4]	Comments
					IDB/GEF %	Local/other %		Publication of specific procurement notice	Contract termination		
38	Administrative/financial coordinator	US$33,600	DC	ex ante	50	50	No	Q1-Y1	Q4-Y5		Part-time financial specialist using project management expenses. The direct contracting of a person is planned from the executing agency who has experience in the same position in another IDB/GEF project executed by the executing agency. If not available, the NICQ model will be applied to select the individual. Initial one-year contract, with a renewal option. Estimated cost for 5 years: US$168,000
3	**CONSULTING SERVICES**										
39	Project audit	US$60,000	SCQ	ex ante	100	0	No	Q1-Y1	Q4-Y5		An external audit firm acceptable to the Bank will be contracted.

[2] **Goods and works: ICB**: International competitive bidding; **LIB**: Limited international bidding; **NCB**: National competitive bidding; **S**: Shopping; **DC**: Direct contracting; **FA**: Force account; **PSA**: Procurement through specialized agencies; **PA:** Procurement agents; **IA**: Inspection agents; **PLFI:** Procurement in loans to financial intermediaries; **BOO/BOT/BOOT:** Build, own, operate/Build, operate, transfer/Build, own, operate, transfer; **PBP:** Performance-based procurement; **PLGB:** Procurement under loans guaranteed by the Bank **PCP:** Community participation in procurement **Consulting Firms: QCBS**: Quality- and cost-based selection; **QBS**: Quality-based selection; **FBS**: Selection under a fixed budget; **LCS**: Least-cost selection; **CQS**: Selection based on the consultants' qualifications; **SSS:** Single-source selection.

Individual consultants: NICQ: National individual consultant selection based on qualifications; **IICQ:** International individual consultant selection based on qualifications.

[3] Applicable for the case of the new policies only to goods and works. The old policies are applicable to goods, works, and consulting services.

[4] Technical review: the project team leader will use this column to define the procurement considered "critical" or "complex" and that requires an ex ante review of the terms of reference, technical specifications, reports, products, or other considerations.

SUSTAINABLE MANAGEMENT AND CONSERVATION OF BIODIVERSITY IN THE MAGDALENA RIVER

CO-T1412

CERTIFICATION

I hereby certify that this operation was approved for financing under the **Global Environment Facility (FMM)** through a communication dated October 26, 2016 and signed by Marisil Naborre (ORP/GCM). Also, I certify that resources from said fund are available for up to **US$6,363.600** 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 **	November 8, 2016
Sonia M. Rivera	Date
Chief	
Grants and Co-Financing Management Unit	
ORP/GCM	

DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

PROPOSED RESOLUTION DE__/16

Colombia. ATN/OC-____-CO. Nonreimbursable Technical Cooperation for Sustainable Management and Conservation of Biodiversity in the Magdalena River Basin

The Board of Executive Directors

RESOLVES:

1. That the President of the Inter-American Development Bank, or such representative as he shall designate, is authorized, in the name and on behalf of the Bank, as Administrator of the Global Environment Facility (GEF), to enter into such agreement or agreements as may be necessary with Fundación Natura, and to adopt such other measures as may be pertinent for the execution of a sustainable management and conservation of biodiversity in the Magdalena River Basin program in accordance with the project proposal contained in Document AT-_____.

2. That up to the sum of US$6,363,600, is authorized for the purposes of this resolution, chargeable to the resources of the GEF.

3. That the above-mentioned sum is to be provided on a nonreimbursable basis.

(Adopted on __ _____ 2016)

LEG/SGO/CAN/IDBDOCS#40720657-16
CO-T1412