

DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

BRAZIL

**FOREST INFORMATION TO SUPPORT PUBLIC AND PRIVATE SECTORS IN
MANAGEMENT INITIATIVES
(BR-T1277)**

TC DOCUMENT

The project team responsible for preparing this document is comprised of: Gloria Visconti (Team Leader – INE/CCS); Anne Gander (CCS/CBR); Betina Hennig (LEG/SGO); Carlos Lago (FMP/CBR); Fernanda do Vale Caribé Schukkel (CCS/CBR); and Milagros De Pomar (INE/CCS).

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TC DOCUMENT
FOREST INFORMATION TO SUPPORT PUBLIC AND PRIVATE SECTORS IN
MANAGEMENT INITIATIVES
(BR-T1277)

I. BASIC INFORMATION

- Country/Region: Brazil
- TC name: Forest Information to Support Public and Private Sectors in Management Initiatives
- TC number: BR-T1277
- Team Leader/Members: Gloria Visconti (Team Leader – INE/CCS); Anne Gander (CCS/CBR); Betina Hennig (LEG/SGO); Carlos Lago (FMP/CBR); Fernanda do Vale Caribé Schukkel (CCS/CBR); and Milagros De Pomar (INE/CCS)
- Date of TC abstract authorization: N/A
- Donors providing funding: Climate Investment Fund – Forest Investment Program
- Beneficiary: Ministry of Environment of the Federative Republic of Brazil, represented by the Brazilian Forest Service
- Executing Agency and contact name: Ministry of Environment of the Federative Republic of Brazil, represented by the Brazilian Forest Service, Antônio C. Hummel, Director-General
- IDB Funding Requested: US\$16.45 million
- Local counterpart funding: US\$8 million
- Disbursement period (including execution period): 48 months
- Required start date: February 2014
- Types of consultants: Consulting firms and individual consultants
- Prepared by Unit: Climate Change and Sustainability Division (INE/CCS)
- Unit of Disbursement Responsibility: Country Office of Brazil (CBR)
- TC Included in Country Strategy (yes/no): Yes
- TC included in CPD 2013 (yes/no): Yes
- GCI-9 Sector Priority: Protect the environment; respond to climate change; promote renewable energy; and ensure food security

II. OBJECTIVES AND JUSTIFICATION

- 2.1 The Cerrado is the second largest biome in Brazil and South America. It occurs in eleven states of the country¹ and is strategic for the environment, the economy, and

¹ Bahia, Goiás, Mato Grosso, Mato Grosso do Sul, Paraná, Minas Gerais, São Paulo, Tocantins, Maranhão, Piauí and Federal District.

food security, covering a large area with significant stocks of carbon, water resources and an impressive biodiversity.

- 2.2 This Technical Cooperation (TC) is part of Brazil's Investment Plan (IP)² for the Forest Investment Program (FIP), which seeks to promote the sustainable use of land and the improvement of forest management in the Cerrado Biome, thus helping to reduce pressure on remaining forests, decrease greenhouse gas (GHG) emissions and increase carbon sequestration. It finances the generation and dissemination of forest information to support public and private sectors in management initiatives aimed at the conservation and enhancement of forest resources in the Cerrado biome.
- 2.3 In Brazil there is a need to improve the generation of adequate and sufficient information on forest resources, such as: (i) extent and conditions; (ii) forms of management; (iii) supply chains involved; and (iv) other aspects of their use (the local role of timber and non-timber forest resources and marketing). There is also the challenge of improving the generation of information on carbon density in the main forest types, both above and below ground, through the use of more advanced methodologies and primary data for each biome.
- 2.4 The generation of standardized and systematic forest information represents a key input for more careful decision making by the public and private sectors in relation to the sustainable use of forest resources and the consequent reduction of deforestation and forest degradation.
- 2.5 The implementation of the National Forest Inventory (NFI), the wide availability and dissemination of information on forest resources and its use through the National Forest Information System (NFIS) are permanent programs under the legal jurisdiction of the Brazilian Forest Service, established to solve some of the aforementioned problems. However, neither the NFI nor the NFIS have yet been implemented in the Cerrado biome. Considering the biodiversity in natural Cerrado ecosystems as well as their carbon stocks, it is imperative to implement a mechanism of production and promotion of timely, accurate and quality information in the Cerrado that can contribute to the enhancement of forest resources in their environmental, economic and social role.
- 2.6 The objective of the TC is to implement the NFI in the Cerrado biome and consolidate the NFIS as policy instruments capable of producing timely and quality information for decision makers in the public and private sectors on forest resources

² Brazil's Investment Plan uses a strategy for the Cerrado biome that explores mainly the following FIP investment areas: *areas outside the forest sector necessary to reduce pressure on forests; and institutional capacity, information on forest management, and other related information.* In a complementary manner, the Plan also supports the third area through mitigation measures related to forests, such and forest plantations and restoration of Legal Reserves (LR) and Permanent Preservation Areas (PPA) required by law in each private rural property. Specifically, the Investment Plan includes two thematic areas and four projects as follows: (i) Theme 1 Management and Stewardship areas already disturbed: (a) Environmental regularization of rural properties (based on the Rural Environmental Registry (CAR)), and (b) Sustainable production in areas already converted to agricultural use (based on the ABC Plan); and (ii) Theme 2 Generation and Management of Forest Information: (a) Forest Information to Support Public and Private Sectors in Management Initiatives, and (b) Implementation of an early warning system for forest fire prevention and of a vegetation cover monitoring system.

and their use, thus contributing to the promotion of sustainable programs aimed at mitigating GHG emissions in the Cerrado. It also aims at promoting partnerships with States and other institutions in the region to promote information exchange and dissemination.

- 2.7 Since this TC is directly linked to the mitigation and adaptation of climate change, it is aligned with one of the main objectives of the GCI-9, namely, to substantially increase support for climate change projects. This TC is also aligned with the IDB 2012-2014 strategy for Brazil (GN-2662-1), by fostering science and technology initiatives that support the generation of climate change-related information for the public and private sectors.

III. DESCRIPTION OF COMPONENTS AND BUDGET

- 3.1 The TC has three components. The first component will finance the implementation of the NFI in the Cerrado biome and the second will finance the consolidation of the NFIS. The third component will finance the appropriate implementation as well as the monitoring and evaluation of the TC. More details of these components are presented below, in the [Results Matrix](#) and in the [Operating Manual](#).
- 3.2 **Component 1: NFI implemented in the Cerrado biome. US\$21,821,419 (US\$14,582,598 – FIP, US\$7,238,821 - local counterpart).** This component will finance: (i) sampling and field collection of biophysical and socio-environmental data on forest resources and land use in the Cerrado biome; (ii) analysis of landscape samples for the study of forest fragmentation and land use in the Cerrado biome; and (iii) the integration of these data in the mapping of vegetation in the Cerrado biome and the dissemination of information. This will enable the production and dissemination of information on biodiversity and ecosystem services in the Cerrado biome, among others areas of knowledge. At the end of the project, decision makers and society in general will have accurate estimates of the area of forest cover and land use; forest degradation; regenerating forests; occurrence of endangered or threatened species; forest (volume and biomass) and carbon stocks above and below ground; diversity of forest tree species; forest management; forest dynamics; health and vitality of forests; characteristics of under-forest soil; forest fragmentation; proportion of other vegetation cover and classes of land use; trees outside the forests; and socioeconomic data such as local use of forest products and services by rural populations (whether traditional or not), and their perception of the importance of these resources in the Cerrado biome.
- 3.3 The implementation of the NFI in the Cerrado biome seeks four main results: (i) establishment of institutional partnerships, including State Environmental Agencies (OEMA) and institutions that will participate in the NFI (universities, herbaria, etc.); (ii) strengthening of the capacity to implement the NFI in the Cerrado, including updating data collection methodologies, making possible adjustments to meet specificities of the biome, establishing training mechanisms and training quality control field teams and NFI clients; (iii) collection, processing and analysis of data and information on forest resources in the Cerrado, following the protocol defined for the NFI; and (iv) dissemination of information on the NFI in the Cerrado and use of such information by the clients, including a specific communication plan to inform the population living in the biome about the project,

organization of technical and scientific events to discuss results; preparation of thematic reports on forests in the Cerrado biome, and wide dissemination of the results achieved.

- 3.4 **Component 2: NFIS consolidated. US\$1,264,652 (US\$1,079,902 – FIP, US\$184,750 - local counterpart).** This component will finance the NFIS, which is the main platform for the analysis and dissemination of information and management of knowledge about the country's forest resources and their use in promoting activities to mitigate climate change. While supporting the NFIS structure as a whole and therefore contributing to information dissemination for the entire country, the TC emphasizes the provision of information on the Cerrado biome, ensuring consistency with other biomes in Brazil. Upon its implementation in the Cerrado biome, the NFIS will be strengthened in its national themes (forest resources, forest management by the State, forest production, teaching and research, etc.) and serve as a management and reference instrument for society. The NFIS will also develop and establish modules that encourage the sale of forest products, thus facilitating business in supply chains of timber and non-timber forest products, as well as the measurement and appraisal of ecosystem services in the biome. At the end of the project, decision makers and society in general will have a single information platform fed by various institutions, which will allow easy access and proper formatting by various clients, on different scales (biome, states, municipalities, watersheds, etc.) and applications. The NFIS will provide information produced by other IP projects such as: environmental regularization of rural properties (based on the Rural Environmental Registry (CAR)); sustainable production in areas already converted to agricultural use (based on the ABC Plan); and implementation of an early warning system for forest fire prevention and a vegetation cover monitoring system. Additionally, the information produced by the NFI and disseminated by the NFIS will be used to support Brazilian communications, as well as the definition, management and evaluation of national policies related to the sector.
- 3.5 The consolidation of the NFIS seeks three main results: (i) demands for priority information and respective sources identified, and arrangements for the provision of information established; (ii) information system managed and in operation; and (iii) information collected, processed, stored, analyzed and disseminated to clients. The first result comes from identifying priority information for NFIS clients, their sources, and defining protocols for its systematic collection, establishing formal arrangements for the provision of this priority information with its generating sources, supporting these institutional partners and training the parties involved in implementing information collection protocols. The second result will be achieved upon the design, implementation and operation of the NFIS Management System, so as to ensure its proper operation. The third result includes five groups of activities to be achieved: (i) establishing and operating a database (including information technology systems and upgrading and operation of the NFIS Portal); (ii) designing, implementing and operating information technology systems; (iii) collecting and processing information; (iv) upgrading and operating the NFIS Portal; and (v) preparing and disseminating specific studies for the production of information and strategic analysis to support dialogue on problems, opportunities,

or the effectiveness of forest policies for the Cerrado biome, or to support investments and other private sector strategic activities related to sustainable forest business in this biome.

- 3.6 **Component 3: Execution Management of the TC. US\$636,429 (US\$60,000 – FIP, US\$576,429 - local counterpart).** This component will finance the implementation of the TC and seeks the following results: (i) procurement, contract management and payments managed so that goods and services (including consultancy) are properly and timely contracted and managed; (ii) reports timely prepared and delivered, filing conducted in accordance with the IDB and the Brazilian Forest Service (BFS) information requirements and needs; and (iii) monitoring and evaluation carried out so that the TC progress of implementation can be overseen, verified and audited, corrective action taken timely as needed, and best practices and lessons identified and described. The component includes the establishment and operation of a TC Executing Unit within the BFS structure. The establishment of the Executing Unit is a prerequisite for the first disbursement.
- 3.7 The TC has a [Results Matrix](#) based on the [Theory of Changes diagram](#), which includes indicators of outcomes and outputs, baselines and intermediate and final goals distributed by year. Table 1 includes the Indicative Budget of this TC.

Table 1: Indicative Budget (US\$)

RESULTS	Funding sources		Total	%
	IDB- FIP	Local Counterpart		
Component 1. IFM implemented in the Cerrado biome	14,582,598	7,238,821	21,821,419	89.2
1.1 Institutional partnerships established	130,820	-	130,820	0.6
1.2 Institutional capacity improved	816,887	-	816,887	3.3
1.3 Data and information on Cerrado Forest resources collected, processed and analyzed	12,624,063	7,238,821	19,862,884	81.2
1.4 Information on NFI disseminated and used by clients	1,010,828	-	1,010,828	4.1
Component 2. National Forest Information System consolidated	1,079,902	184,750	1,264,652	5.2
2.1 Demand for priority information, sources identified and provision arrangements established	223,012	-	223,012	0.9
2.2 Information system managed and in operation	55,990	-	55,990	0.2
2.3 Information collected, processed, stored, analyzed and disseminated to clients	800,900	184,750	985,650	4.0
Component 3. Project Execution and Management	60,000	576,429	636,429	2.6
3.1 Procurement and contracts managed and payments made appropriately		576,429	576,429	2.4
3.2 Monitoring and evaluation of results	60,000	-	60,000	0.2
Total Costs minus contingencies	15,722,500	8,000,000	23,722,500	
Contingencies	727,500	-	727,500	3.0
TOTAL COST	16,450,000	8,000,000	24,450,000	100
	67.3%	32.7%	100%	

- 3.9 The total cost of the TC will be US\$24,450,000, of which US\$16,450,000 will be financed by the IDB through the Climate Investment Fund - Forest Investment Program, and US\$8,000,000 will be provided by the Beneficiary as local counterpart, in kind.

IV. EXECUTING AGENCY AND EXECUTION STRUCTURE

- 4.1 The beneficiary and executing agency of the operation is the Ministry of Environment, represented by the BFS. The BFS has considerable and remarkable experience in project management, which will contribute to achieving the results sought by the TC. As detailed in the TC [Operating Manual](#), the BFS will establish an Executing Unit of the Technical Cooperation (UECT), with staff and professionals to operate at its main office in Brasília. The BFS will be responsible for all project aspects related to procurement, accounting, filing, administrative activities, financial management, and monitoring and evaluation of its effectiveness. In this regard, it will apply the policies and procedures agreed with the IDB as well as best practices in project management, in order to achieve the objectives of the TC. The IDB is the Multilateral Development Bank responsible for overseeing the execution.
- 4.2 To facilitate collaboration and guidance of the main stakeholders in promoting the efficiency of execution, the TC will be supported by three advisory committees. The first, the Interministerial Executive Committee for the FIP³ will be established by the Brazilian government (GoB) to support the implementation of the IP in the FIP of the Climate Investment Fund (CIF). This Committee will monitor the execution of the TC, seeking to provide general guidance on the vision of the FIP, promote synergy and synchronicity among other projects under the program, and recommend that its members adopt measures that can contribute to the success of these projects. A Regional Advisory Committee for the Cerrado will also be created, for the main purpose of involving the participating states, their agencies, and other stakeholders from the public and private sectors, academia and civil society, and will be dedicated to promoting and supporting the state coordination of the parties involved in the effective execution of the TC. A communication plan to reach different stakeholders and evaluations of the use of generated information over time will also allow greater interaction with stakeholders. Finally, the BFS and the IDB will participate in a Monitoring Committee to monitor and support the operational, technical and financial aspects of the TC execution and take any appropriate timely measures, in accordance with their respective competences, to ensure the success of the TC. From a technical standpoint, the BFS has other mechanisms in place for the collaboration and participation⁴ of the parties involved,

³ This committee will include the participation of the ministries involved in the FIP and is about to be formally established. While it is not officially established, the Ministry of Environment will convene these same ministries for ad hoc meetings, so that the committee can fulfill its duties as planned.

⁴ Other committees planned to facilitate collaboration and participation related to the NFI and the NFIS include: (i) for consultation with the parties involved (National Advisory Committee, State Advisory Committee (there will be a committee for each state); and (ii) for participation and technical-scientific support (National Technical Committee, Committee for the Promotion of Effectiveness (NFI), Climate Change Committee, and Thematic Committees (ad hoc)).

which will also be used to ensure the quality of the technical aspects of the operation. The execution mechanism is described in [Execution Structure diagram](#).

- 4.3 The information included in the Results Matrix (see paragraph 3.7) will contribute to the monitoring and evaluation of the TC. In addition, the climate change and sustainability specialist from COF Brasilia will serve as the focal point for the execution.
- 4.4 **Procurement.** The procurement of goods and services for the TC will follow the IDB policies for the procurement of goods and works (GN-2349-9) and for the selection and hiring of consultants (GN-2350-9), and according to the provisions of its Procurement Plan (Annex I). The TC also has a [plan of activities for the first disbursement and the first 18 months of execution](#). The approval of the final version of the procurement plan for the first 18 months of execution is a prerequisite for the first disbursement. The Procurement Plan will be updated annually or when so required by significant changes. Contract revisions will also be conducted as provided for in the Procurement Plan.
- 4.5 **Operating Manual.** A first draft of the [Operating Manual](#) has been prepared and will be refined and finalized before the beginning of the TC execution. It includes special considerations on fiduciary issues, with a detailed description of procurement procedures, administrative and accounting control, monitoring and evaluation and audit procedures, as well as the execution of each component. The Operating Manual will be refined by the BFS and will be subject to the non-objection of the IDB. The approval of the final version of the Operating Manual will be a prerequisite for the first disbursement of the operation.
- 4.6 **Monitoring and Evaluation (M&A) System.** The TC monitoring and evaluation plan seeks to ensure the success of the timely implementation of TC activities and assess their effectiveness in the long-term, as detailed in the [Results Matrix](#) and the [Theory of Changes diagram](#). Therefore, the plan is structured to: (i) monitor the execution of TC activities, with attention to the contracting dates scheduled and met, control of delivery of goods and services, and other aspects related to project management; (ii) inform monthly and cumulatively on a semiannual and annual basis, identifying the performance of execution, potential problems, and possible corrective measures; and (iii) conduct intermediate evaluations independently from the TC execution to identify any major adjustments, and a final evaluation to assess the main impacts produced by the TC. The UECT will have an employee from the BFS responsible for the routine collection and analysis of data and the compilation of follow-up reports. These reports will help the BFS also to inform the institutions responsible for the implementation and oversight of the FIP. Further details can be found on the [Monitoring and Evaluation Plan](#). In addition to this system, the TC includes activities that ensure the quality of the information generated by the forest inventory as well as of the information disseminated by the NFIS (activity 1.2.5 and activity 2.2.1 of the Operating Manual). The financial statements of the TC will be presented at the end of the second and fourth years and will be audited by auditors from the Comptroller General's Office, based on terms of reference already agreed between the IDB and the GoB.

V. MAJOR ISSUES

5.1 **Risk management.** The major risks and the main proposed actions can be found in Table 2. Also, see the TC [Risk Management Plan](#).

Table 2: Main TC Risks and Management Measures

Description of degree of major risks	Proposed actions
Difficulty in hiring companies to develop activities within the specifications and deadlines. In the specific case of the inventory, there is the risk of not overcoming potential access difficulties in conducting large volumes of sample points - High	Careful selection of competitors; draft ToR for contracting with the highest degree of technical detail possible; consideration of appropriate timelines for preparing the inventory; and possibility to change the type of competition for the short list if there are less than six bidding companies.
Producers of forest data demanded: do not exist, or are not identified, or do not produce data in a systematic way, or have no interest in participating in the NFIS through information supply arrangements, or do not meet the supply agreements following the protocols - High	In the initial execution phase of the TC, an initial assessment to identify sources of priority information, which should indicate the existing information and entities willing to participate; include a TC design phase promoting public consultation addressing the theme; plan meetings with various groups of clients to identify the demand for priority information, which will help identify data sources.
Data and information generated/ produced by the TC are not of the expected quality and scope - High	TC provided for the commissioning of an NFI Quality Assessment and Control Program; TC includes a specific activity of data analysis and production of strategic information.
Institutional and/or strategic changes in the BFS - Medium	Preparation and maintenance of a solid project memory; project under the PFI.
Scenario of dollar depreciation against the real, corresponding to a reduction in the amounts available for the TC - Medium	There is a clear attempt of the GoB to maintain exchange rate stability at the current level; use of exchange rate 2:1 for planning purposes over the spot price; and maintenance of 5% of the budget as contingency to mitigate possible fluctuations.
Some states and municipalities may not collaborate with the NFI, hindering data collection in the field or not being transparent with respect to their forest management actions – Medium	Specific actions to raise awareness and obtain cooperation agreements as TC activities; use the Priority Target Management System of the Ministry of the Environment, Water Resources and the Legal Amazon (SIGOV) to inform high authorities of any political difficulties; make investments in data production and dissemination to generate pressure for information and its use.
Changes in the execution team at the BFS, resulting in loss of TC memory and execution momentum - Low	Structuring of a dedicated project management unit (UECT- BFS); and maintenance of a solid project memory.
Little independence in TC management/execution due to possible interference of the Executive Interministerial Committee or other FIP control and management bodies - Low	Establishment of monitoring and evaluation procedures sufficient to meet management expectations at higher FIP levels; obtain commitment of BFS through an execution contract with the IDB; and compliance with the Operating Manual.
BFS with difficulty to provide resources for the TC due to internal issues of resources availability and/or allocation - Low	BFS commitment through a trade execution letter with the IDB; Specific designation of local counterpart resources in BFS budget (or budget plan).
Fear of clients to accept NFI results due to lack of consensus on the methodology used - Low	Definition of methodology involved broad participation of experts and researchers; TC includes a specific activity to update the methodology to ensure its full acceptance.

Customers will not use data as expected to influence public policy in the forestry sector for lack of information, lag in data availability among other issues - Low	Besides the availability of raw data, specific studies will be produced for data use; there is no equivalent data source; TC includes as an activity the commissioning of a NFI quality evaluation and control Program.
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VI. EXCEPTIONS TO BANK POLICIES

- 6.1 The two exceptions to the IDB policies in this operation refer to the direct hiring of the company responsible for activities related to information technology and the purchase of satellite images. The BFS selected through public tender and contracted in 2012 the company Cast Informática Ltda. to provide all services related to the BFS information technology. This contract enables contracting the provision of new tasks and products, such as those specified in the TC, thus ensuring consistency among the various BFS information systems and applying the competitive prices agreed.
- 6.2 In 2012, the Ministry of Environment selected through public tender, and purchased, satellite images for the entire country. These images will be delivered to the Ministry for each of the five subsequent years and will be used mainly in the implementation of the CAR, which is also part of the IP. These same images will be used by the BFS in carrying out various activities under Component 1. The Bank will recognize eligible expenditures to be charged to the counterpart, made during the 18 months prior to the approval of the operation up to the amount of US\$3,884,320.91 (48.6% of the counterpart amount), from which US\$3,461,961.60 (43.3% of the counterpart amount) will be earmarked for the purchase of satellite images, and US\$422,309.31 (5.3% of the counterpart amount) will be earmarked for the purchase of satellite image pre-processing services.

VII. ENVIRONMENTAL AND SOCIAL STRATEGY

- 7.1 Based on the Bank's Environment and Safeguards Compliance Policy (OP-703), and taking into account the objectives, impacts and risks of this TC, the operation has been classified as category C.
- 7.2 The summary of impacts/risks of the [Safeguard Policy Filter Report](#) indicates that the activities financed by the TC, which are focused basically on the generation and dissemination of information, will have no negative direct or indirect social or environmental impacts.

VIII. ANNEXES

- 8.1 Annex I: Procurement Plan

IX. ELECTRONIC LINKS

- 9.1 [Letter of Request from the Beneficiary](#)
- 9.2 [Terms of Reference](#)
- 9.3 [Operating Manual](#)
- 9.4 [Execution Structure diagram](#)
- 9.5 [Results Matrix](#)
- 9.6 [Theory of Changes diagram](#)

- 9.7 [Plan of activities for the first disbursement and the first 18 months of execution](#)
- 9.8 [Monitoring and Evaluation Plan](#)
- 9.9 [Risk Management Plan](#)
- 9.10 [Safeguard Policy Filter Report](#)
- 9.11 [Brazil's view about REDD+](#)
- 9.12 [Fiduciary Analysis of the BFS](#)
- 9.13 [Maps](#)
- 9.14 [Stakeholders' Consultation Report](#)
- 9.15 [Brazil's Investment Plan in the FIP](#)
- 9.16 [FAO/GEF Project Document: Strengthening National Policy and Knowledge Framework in Support of Sustainable Management of Brazil's Forest Resources](#)
- 9.17 [Abbreviations and Acronyms](#)

**FOREST INFORMATION TO SUPPORT PUBLIC AND PRIVATE
SECTORS IN MANAGEMENT INITIATIVES**

BR-T1277

CERTIFICATION

I hereby certify that this operation was approved for financing under the Strategic Climate Fund (SCX), Forest Investment Program (FIP) through a communication dated October 31st, 2013 and signed by Goritza Ninova (ORP/GCM). Also, I certify that resources from the Strategic Climate Fund (SCX), Forest Investment Program (FIP) are available for up to US\$16,450,000, per commitment of funds by the SCX Trustee dated October 31st, 2013, in order to finance the activities described and budgeted in this document. This certification reserves resources 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, for which the Fund is not at risk.

ORIGINAL SIGNED

NOV. 8, 2013

Sonia M. Rivera
Chief
Grants and Co-Financing Management Unit
ORP/GCM

Date

PROCUREMENT PLAN FOR NON-REIMBURSABLE TECHNICAL COOPERATION										
Country: Brazil			Executing Agency: BRAZILIAN FOREST SERVICE - SFB					Public Sector: Ministry of Environment - MMA		
Project Number: BR-T1277			Public and Private							
Period of plan coverage: 18 months										
Threshold for ex post procurement review:			Goods and Services: US\$15,350,635				Consulting Services: US\$1,529,151			
REF (*) No.	Ref. AWP (***)	Description (1)	Estimated Cost of Contract (US\$)	Procurement Method (2)	Procurement Review (ex-ante or ex-post)(3)	Source of financing and percentage		Estimated Dates Publication / Specific Procurement Announcement	Technical Review By PTL(4)	Comments
						IDB %	Local/ Other %			
1		IFN implemented in the Cerrado biome	16,413,275			73.6	26.4			
		PROCUREMENT OF GOODS AND SERVICES	14,967,978			71.1	28.9			
		Purchase of Air Tickets, Per Diem and Organization of Events (SO)	124,056	DC/LCS AUCTION	Ex-post	100.0	0.0	Apr-14		
SO	1.1.1.1	<i>Meetings to sensitize state and municipal institutions</i>	6,165		Ex-post	100.0	0.0	Apr-14		
SO	1.1.1.3	<i>Workshops to monitor partnerships (all institutions)</i>	17,740		Ex-post	100.0	0.0	Apr-14		
SO	1.1.1.4	<i>Promotion of municipalities' adherence to IFN</i>	8,350		Ex-post	100.0	0.0	Apr-14		
SO	1.1.1.5	<i>Selection of municipalities for implementation of the Municipal IFN Municipal</i>	8,451		Ex-post	100.0	0.0	Apr-14		
SO	1.1.2.1	<i>Meetings for preparation of Technical Cooperation Agreements with States</i>	12,464		Ex-post	100.0	0.0	Apr-14		

REF (*) No.	Ref. AWP (***)	Description (1)	Estimated Cost of Contract (US\$)	Procurement Method (2)	Procurement Review (ex-ante or ex-post)(3)	Source of financing and percentage		Estimated Dates Publication / Specific Procurement Announcement	Technical Review By PTL(4)	Comments
						IDB %	Local/ Other %			
SO	1.1.3.1	Identification of members and development of instrument for the creation of the Consultation Committee of the Cerrado	2,055	DC/LCS AUCTION	Ex-post	100.0	0.0	Apr-14		
SO	1.1.3.2	Meetings of the Cerrado Advisory Committee	11,220		Ex-post	100.0	0.0	Apr-14		
SO	1.1.3.4	Meetings of Cerrado Thematic Committees	8,150		Ex-post	100.0	0.0	Apr-14		
SO	1.2.2.1	Meetings of the National Technical Committee	9,470		Ex-post	100.0	0.0	Apr-14		
SO	1.2.3.1	Meetings for preparation and formalization of cooperation agreements	6,165		Ex-post	100.0	0.0	Apr-14		
SO	1.3.1.7	Contract management	2,048		Ex-post	100.0	0.0	Apr-14		
SO	1.4.4.1	Definition and priorities of research and partnerships	20,550		Ex-post	100.0	0.0	Apr-14		
SO	1.4.4.8	Meetings of the network of Cerrado Permanent Plots	11,228		Ex-post	100.0	0.0	Apr-14		
		Services and Field Measurements	13,373,732			76.6	23.4			
ToR 8	1.3.1.1	Technical and logistic planning of the field work	9,083	NCB	Ex-ante	7	93	Jan-14		
	1.3.1.2	Field measurements	3,125,000							
	1.3.1.5	Identification of botanical material	209,350							

REF (*) No.	Ref. AWP (***)	Description (1)	Estimated Cost of Contract (US\$)	Procurement Method (2)	Procurement Review (ex-ante or ex-post)(3)	Source of financing and percentage		Estimated Dates Publication / Specific Procurement Announcement	Technical Review By PTL(4)	Comments
						IDB %	Local/ Other %			
ToR 9	1.3.1.1	<i>Technical and logistic planning of the field work</i>	9,083	NCB	Ex-ante	100	0	Jan-14		
	1.3.1.2	<i>Field measurements</i>	3,125,000							
	1.3.1.5	<i>Identification of botanical material</i>	209,350							
ToR 10	1.3.1.1	<i>Technical and logistic planning of the field work</i>	9,083	NCB	Ex-ante	100	0	Jan-14		
	1.3.1.2	<i>Field measurements</i>	3,125,000							
	1.3.1.5	<i>Identification of botanical material</i>	209,350							
ToR 11	1.3.1.1	<i>Technical and logistic planning of the field work</i>	9,083	NCB	Ex-ante	100	0	Jan-14		
	1.3.1.2	<i>Field measurements</i>	3,125,000							
	1.3.1.5	<i>Identification of botanical material</i>	209,350							
		Services already contracted for under the Local Law (Law 8666/93)	1,470,190			18.3	81.7			
ToR 12	1.3.2.1	<i>Purchase of images</i>	432,745	NCB	Ex-post	0.0	100.0	N/A	Critical	Exception to policy - Already contracted through NCB (8666/93). Local counterpart

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						IDB %	Local/ Other %			
ToR 12	1.3.2.2	<i>Pre-processing of images</i>	52,795			0.0	100.0	N/A		Exception to policy - Already contracted through NCB (8666/93). Local counterpart
ToR 13	1.3.2.1	<i>Purchase of images</i>	432,745	NCB	Ex-post	0.0	100.0	N/A	Critical	Exception to policy - Already contracted through NCB (8666/93). Local counterpart
	1.3.2.2	<i>Pre-processing of images</i>	52,795			0.0	100.0	N/A		Exception to policy - Already contracted through NCB (8666/93). Local counterpart
SO (ToR 15)	1.3.4.1	<i>Document on the IFN information system</i>	6,555	NCB	Ex-post	100.0	0.0	N/A	Critical	
	1.3.4.2	<i>Development of the Cerrado IFN information system</i>	479,500			52.1	47.9	N/A		Exception to policy - Already contracted through NCB (8666/93). Local counterpart
	1.3.4.2.5	<i>Data hosting and security</i>	13,055			100.0	0.0	N/A		Exception to policy - Already contracted through NCB (8666/93). Local counterpart

REF (*) No.	Ref. AWP (***)	Description (1)	Estimated Cost of Contract (US\$)	Procurement Method (2)	Procurement Review (ex-ante or ex-post) (3)	Source of financing and percentage		Estimated Dates Publication / Specific Procurement Announcement	Technical Review By PTL(4)	Comments
						IDB %	Local/ Other %			
		CONSULTING SERVICES BY FIRMS	1,262,241			100.0	0.0			
		Consultancy Firms	1,262,241			100.0	0.0	Jul-14		
ToR 5	1.2.4.1	Training of IFN instructors	39,410	QCBS	Ex-post	100.0	0.0	Jul-14	Complex	
	1.2.4.2	Basic training of field teams	205,560			100.0	0.0			
	1.2.4.4	Thematic training	92,280			100.0	0.0			
	1.2.4.5	Equipment for training bases	60,000			100.0	0.0			
ToR 6	1.2.5.1	Development of quality indicators	17,276	QCBS	Ex-post	100.0	0.0	Jan-00	Complex	
	1.2.5.2	Definition and documentation of quality processes and limits	5,055			100.0	0.0			
	1.3.1.6	Quality control in the field	294,370			100.0	0.0			
	1.3.1.3	Supervision of field work	52,240			100.0	0.0			
ToR 7	1.2.5.3	Training in quality control	149,440	QCBS	Ex-post	100.0	0.0	Jul-14	Complex	
	1.3.1.6	Quality control in the field	294,370			100.0	0.0			
	1.3.1.3	Supervision of field work	52,240			100.0	0.0			
		INDIVIDUAL CONSULTING SERVICES	183,056			100.0	0.0			
		Individual Consultants	183,056			100.0	0.0			
ToR 1	1.2.1.1	Development and improvement of procedures and manual	25,530	IC/CQS	Ex-post	100.0	0.0	Jan-14		
ToR 2	1.2.1.2	Definition and planning of products provided for in the IFN	17,436	IC/CQS	Ex-post	100.0	0.0	Jan-14		
ToR 3	1.2.1.3	Improvement of procedures by theme	13,480	IC/CQS	Ex-post	100.0	0.0	Jan-14		
ToR 4	1.2.1.4	Development of new data collection technologies	100,000	IC/CQS	Ex-post	100.0	0.0	Jan-14		

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						IDB %	Local/ Other %			
ToR 16	1.4.1.1.1	<i>Preparation of Communication Plan</i>	26,610	IC/CQS	Ex-post	100.0	0.0	Jan-14		
SO		OTHER SERVICES	-			0.0	0.0	-		
			-			0.0	0.0	-		
2		National Forest Information System consolidated	466,511			71.5	28.5			
		PROCUREMENT OF GOODS AND SERVICES	382,657			65.2	34.8			
		Purchase of Air Tickets, per Diem and Organization of Events (SO)	113,486			100.0	0.0			
SO	2.1.1.1	<i>Hold meetings with decision- makers to identify groups of clients</i>	7,680	DC/LCS - AUCTION	Ex-post	100.0	0.0	Jan-14		
SO	2.1.1.2	<i>Hold meetings with groups of clients to identify priority information</i>	81,758		Ex-post	100.0	0.0	Jan-14		
SO	2.1.2.1	<i>Enter provision agreements with partners</i>	3,872	DC/LCS - AUCTION	Ex-post	100.0	0.0	Jan-14		
SO	2.2.2.3	<i>Implement SNIF Management Committee(coordination and meetings)</i>	20,176		Ex-post	100.0	0.0	Jan-14		
		Procurement of equipment and services	136,000							
ToR TBD	2.1.3.2	<i>Purchase and install equipment</i>	12,000	DC/LCS - AUCTION	Ex-ante	100.0	0.0	Sep-14		ToR are products of other purchases. To be provided timely.

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ToR TBD	2.2.2.1	<i>Publish SNIF Manual</i>	4,000	DC/LCS - AUCTION	Ex-ante	100.0	0.0	Sep-14		ToR are products of other purchases. To be provided timely.
ToR TBD	2.3.2.1	<i>Define, purchase and install equipment</i>	7,500	DC/LCS - AUCTION	Ex-ante	100.0	0.0	Sep-14		ToR are products of other purchases. To be provided timely.
ToR TBD	2.3.3	<i>Procurement of Goods and Services for donation to partners</i>	112,500	DC/LCS - AUCTION	Ex-ante	100.0	0.0	Sep-14		ToR are products of other purchases. To be provided timely.
		Services already contracted for under the Local Law (Law 8666/93)	133,171			0.0	100.0			
SO (ToR 20)	2.3.1.1	<i>Development of the Cerrado IFN information system</i>	133,171	NCBB	Ex-post	0.0	100.0	N/A	Critical	Exception to policy - Already contracted through NCB (8666/93). Local counterpart
		CONSULTING SERVICES BY FIRMS	65,994			100.0	0.0			
		Consultancy Firms	65,994			100.0	0.0			

REF (*) No.	Ref. AWP (***)	Description (1)	Estimated Cost of Contract (US\$)	Procurement Method (2)	Procurement Review (ex-ante or ex-post) (3)	Source of financing and percentage		Estimated Dates Publication / Specific Procurement Announcement	Technical Review By PTL(4)	Comments
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ToR 17	2.1.1.8	<i>Plan meetings and consolidate document w/ priority information</i>	12,000	QCBS	Ex-post	100.0	0.0	Apr-14	Complex	Activities grouped into one single procurement process to support actions to be carried out the first 18 months of Project execution. Should be grouped with the identical procurement process listed in Component 2.
	2.1.1.9	<i>Conduct data source mapping study for SNIF and its target</i>	18,180			100.0	0.0	Apr-14		
	2.1.1.10	<i>Organize contacts and meetings w/ data producing institutions</i>	6,180			100.0	0.0	Apr-14		
	2.1.1.11	<i>Prepare data protocols and models of provision arrangements</i>	6,000			100.0	0.0	Apr-14		
ToR 19	2.2.1.1	<i>Design SNIF internal and external operation routines (modeling)</i>	15,090	QCBS	Ex-post	100.0	0.0	Apr-14		
	2.2.2.2	<i>Train SFB team and support implementation of routines</i>	8,544			100.0	0.0	Apr-14		
		INDIVIDUAL CONSULTING SERVICES	17,860			100.0	0.0			
		Individual Consultants	17,860			100.0	0.0			
ToR 18	2.1.3.1	<i>Plan Strengthening Strategy for 5 Partners</i>	17,860	IC/CQS	Ex-post	100.0	0.0	Jan-14		
		OTHER SERVICES	-			100.0	0.0			
3		Project Execution and Management	216,161			100.0	0.0			

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						IDB %	Local/ Other %			
		PURCHASE OF GOODS AND SERVICES	-			0.0	0.0			
		<i>Permanent Supplies</i>	-			0.0	0.0			
		CONSULTING SERVICES	-			100.0	0.0			
		<i>Consulting Services - Firms</i>	-			100.0	0.0			
		INDIVIDUAL CONSULTANTS	-			100.0	0.0			
		<i>Consulting Services</i>	-			100.0	0.0			
		OTHER SERVICES	216,161			0.0	100.0			
	3.1.1.1	<i>Salary expenses and charges - SFB UECT</i>	216,161	DA**	Ex-post	0.0	100.0	Dec-14		Local counterpart
4		Contingency Reserve	310,313			100.0	0.0			
Total			17,406,260			93.9	6.1	Prepared by: Anne Gander	Date: August 12 th 2013	

(1) The grouping together of procurement transactions of a similar nature (such as IT equipment, publications, air fares, etc.) is recommended. If groups of similar individual contracts are to be executed in different periods, these may be grouped together with an explanation in the comments column indicating the average individual value and the period in which they will be executed.

(2) **Goods and Services:** Shopping: Price Comparison; DC: Direct Contracting; NCB: National Competitive Bidding; ICB: International Competitive Bidding

(2) **Consulting Firms:** QCBS: Quality and Cost-Based Selection; QBS: Quality-Based Selection; FBS: Fixed Budget Selection; DC: Direct Contracting or Single Source Selection; LCS: Least Cost Selection.

(2) Individual Consultants (IC): Individual Consultants; CQS: Selection Based on Consultant's Qualification; DC: Direct Contracting or Single Source Selection.

(3) Ex-ante / Ex-post Evaluation: In general, depending on the institutional capacity and level of risk associated with the procurement, the ex-post review is the standard modality. Ex-ante review can be specified for critical or complex procedures.

(4) Technical Review: This column will be used by the Project Team Leader to define those procurement transactions considered "critical" or "complex", that require ex ante review of terms of reference, technical specifications, reports, outputs, etc.

(*) SO = Service Order issued for activities for which suppliers have already been contracted by the SFB.

(**) DA = Direct Administration. Expenditures with UECT SFB, SFB contribution with own budgetary resources that will be recognized as the local counterpart of the Project and does not represent purchases of goods, products and / or services.

(***) AWP = Annual Working Plan

DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

RESOLUTION DE-___/13

Brazil. Nonreimbursable Technical Cooperation ATN/___-____-BR
Forest Information to Support Public and Private Sectors
in Management Initiatives

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, to enter into such agreements with the Brazilian Forest Service of the Ministry of Environment of the Federative Republic of Brazil, as Beneficiary, as may be necessary and to take such additional measures as may be pertinent for the execution of the Technical Cooperation Document referred to in document AT-___ with respect to nonreimbursable technical cooperation to support the implementation of the National Forest Inventory (NFI) in the *Cerrado* biome, and the consolidation of the National Forest Information System (NFIS).

2. That the amount of up to US\$16,450,000 shall be authorized for the purpose of this resolution, chargeable to the resources of the Climate Investment Fund - Forest Investment Program.

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

(Adopted on ___ _____ 2013)