Inter-American Development Bank
VPC/FMP

PROCUREMENT PLAN FOR NON-REIMBURSABLE TECHNICAL COOPERATIONS

Country: Brazil | **Executing agency:** IICA | **Public or private sector:**

Project number: BR-T1463 | **Title of Project:** Forest Information for an oriented management to the conservation and valorization of forests resources in Brazil by the public and private sectors.

Period covered by the plan: 48 months

Threshold for ex-post review of procurements: undefined

Goods and services (in US$): 938,000 | **Consulting services(in US$):** 8,446,500

Others (in US$): 315,500 | **Total (in US$):** 9,700,000

Item Nº	Ref.	Description (1)	Estimated contract cost (US$)	Procurement Method (2)	Review of procurement (3)	Source of financing and percentage		Estimated date of the procurement notice or start of the contract	Technical review by the PTL (4)	Comments
						IDB/MIF %	Local/other %			
	1	**Component 1 - Forest management information and capacity building**	**7,065,000**							
		Goods	**149,000**							
	1.2.2.1	Support materials (tape measures, diam. T-shirts, caps, waistcoats, leggings, raincoats, etc.)	9,000	CP	ex-post	100%	0%	Year 01		
	1.2.2.2	Equipments for evaluation and data quality control (GPS, Metal detector, tablet, Waterproof photo camera (GoPRO), hypsometer, notebook, Desktop computers with office and 2 screens (CQ Office), data processing software, drone, Program PIX4DMapper)	26,000	CP	ex-post	100%	0%	Year 01		
	1.2.3.1	Herbarium materials (paper, cardboard, glue, string, mothballs, etc.)	20,000	CP	ex-post	100%	0%	Year 01		
	1.2.3.2	Equipments for botanical identification and herbaria strengthening (Herb cabinets, microscope, Herb Drying cabinet, air conditioning, freezer, desktop/notebook computers with office and 2 screens)	70,000	CP	ex-post	100%	0%	Year 01		
	1.4.1.2	Equipments for development of data processing (desktop computers w/office and 2 screens, 4T network storage)	24,000	CP	ex-post	100%	0%	Year 01		
		Others	**186,500**							
	1.1.1.1 1.1.1.2 1.1.1.3 1.1.2.1 1.1.3.1	Daily allowances for the implementation and management of NFI (daily allowances)	18,500	CP	ex-post	100%	0%	Year 01		
	1.2.1.2 1.2.3.1	Daily allowances for field collection and herbarium identification (daily allowances)	16,000	CP	ex-post	100%	0%	Year 01		
	1.2.2.3	Daily allowances for quality control missions and trainings	8,000	CP	ex-post	100%	0%	Year 01		
	1.3.1.3 1.3.1.4 1.3.1.6 1.3.1.8 1.4.1.1	Daily allowances for training and capacity building in forest monitoring (daily allowances)	112,000	CP	ex-post	100%	0%	Year 01		
	1.3.3.1	Daily allowance for the participation on scientific events	6,000	CP	ex-post	100%	0%	Year 01		
	1.3.3.1	Daily allowances for the participation in international events (daily allowances)	20,000	CP	ex-post	100%	0%	Year 01		
	1.3.3.2	Daily allowance for the participation on the National Symposium on Forest Inventory	6,000	CP	ex-post	100%	0%	Year 01		
		Non-Consulting Services	**305,000**							
	1.1.1.1 1.1.1.2 1.1.1.3 1.1.2.1 1.1.3.1	Travel costs for implementation and management of NFI (travel tickets)	40,000	CP	ex-post	100%	0%	Year 01		
	1.2.1.2 1.2.3.1	Travel costs for field collection and herbarium identification (travel tickets)	20,000	CP	ex-post	100%	0%	Year 01		Daily allowances and tickets
	1.2.2.3	Car hire and fuel costs for quality control missions and trainings	65,000	CP	ex-post					
	1.2.3.1	Preparation of plant samples to be sent for analysis	6,000	CP	ex-post	100%	0%	Year 01		
	1.2.5.2	Consolidation data of the NFI system	20,000	CP	ex-post	100%	0%	Year 01		
	1.2.2.1 1.3.1.3 1.3.1.4 1.3.1.6 1.3.1.8 1.4.1.1	Travel costs for training and capacity building in forest monitoring (travel tickets)	63,000	CP	ex-post	100%	0%	Year 01		
	1.3.1.6	Recycling for IFN team (data analysis software, database, Jasper, processes, etc)	24,000	CP	ex-post	100%	0%	Year 01		
	1.3.3.1	Organization and participation on scientific events related costs - (Rental of venue for various events, coffee break and travel tickets)	21,000	CP	ex-post	100%	0%	Year 01		
	1.3.3.1	Organization and participation on scientific events (national and international) related costs - (Rental of venue for various events, tickets (workshops, seminars, congresses, etc), Per Diems and others)	17,000	CP	ex-post	100%	0%	Year 01		
	1.3.3.1	Participation of international events (travel tickets)	18,000	CP	ex-post	100%	0%	Year 01		
	1.3.3.2	Organization of a National Symposium on Forest Inventory (Venue rental, coffee break, tickets)	11,000	CP	ex-post	100%	0%	Year 01		
		Consulting Services	**6,424,500**							
	1.2.1.1	Consultancy for Field Measurements								
		Field measurements (416 Caatinga Piaui)	434,000	SBQC	ex-post	100%	0%	Year 01		
		Field measurements (775 Caatinga Bahia)	806,000	SBQC	ex-post	100%	0%	Year 01		
		Field measurements (638 Mata Atl MG)	766,000	SBQC	ex-post	100%	0%	Year 01		
		Field measurements (824 Cerrado MG)	948,000	SBQC	ex-post	100%	0%	Year 01		
		Field measurements (68 DF 2nd Cycle)	62,000	SBQC	ex-post	100%	0%	Year 02		
		Field measurements (478 Mata Atl SP)	540,000	SBQC	ex-post	100%	0%	Year 01		
		Field measurements (137 Mata Atl MS)	170,000	SBQC	ex-post	100%	0%	Year 01		
		Field measurements (382 Pantanal MS and MT)	519,000	SBQC	ex-post	100%	0%	Year 01		
	1.2.2.1	Periodic analysis of NFI field data								
		Field Coordinator (Campaign prod.)	70,000	CI	ex-post	100%	0%	Year 01		
		Field Technician (Product per campaign)	67,500	CI	ex-post	100%	0%			
		Field Technician (Product per campaign)	70,000	CI	ex-post	100%	0%	Year 01		
	1.2.3.1	Botanical identification and strengthening of herbaria								
		Technical Consultancy (Caatinga)	105,000	SBQC	ex-post	100%	0%	Year 01		
		Taxonomist Consulting (Caatinga)	216,000	SBQC	ex-post	100%	0%	Year 01		
		Technical Consultant (Atlantic Forest)	109,000	SBQC	ex-post	100%	0%	Year 01		
		Taxonomist Consulting (Atlantic Forest)	252,000	SBQC	ex-post	100%	0%	Year 01		
		Consulting Technician (Pantanal)	45,000	SBQC	ex-post	100%	0%	Year 01		
		Taxonomist Consulting (Pantanal)	72,000	SBQC	ex-post	100%	0%	Year 01		
		Technical Consulting (Cerrado)	80,000	SBQC	ex-post	100%	0%	Year 01		
		Taxonomist Consulting (Cerrado)	180,000	SBQC	ex-post	100%	0%	Year 01		
		Consulting Technician (Other)	50,000	SBQC	ex-post	100%	0%	Year 01		
		Taxonomist Consulting (Other)	74,000	SBQC	ex-post	100%	0%	Year 01		
	1.2.4	Consultancy for the analysis of soil samples								
	1.2.4.1	Mata Atl SP Consultant	28,000	CI	ex-post	100%	0%	Year 03		
	1.2.4.2	Mata Atl MG Consultant	49,000	CI	ex-post	100%	0%	Year 02		
	1.2.4.3	Cerrado MG Consultant	54,000	CI	ex-post	100%	0%	Year 02		
	1.2.4.4	Mata Atl MS Consultant	24,000	CI	ex-post	100%	0%	Year 03		
	1.2.4.5	Caatinga PI Consultant	34,000	CI	ex-post	100%	0%	Year 02		
	1.2.4.6	Caatinga BA Consultant	52,000	CI	ex-post	100%	0%	Year 03		
	1.2.4.7	Pantanal MT e MS Consultant	34,000	CI	ex-post	100%	0%	Year 03		
	1.2.5.1	Maintenance and improvement of the NFI information system								
		IT Consulting contract - IFN system maintenance	171,000	SBQC	ex-post	100%	0%	Year 01		
		Consultancy for maintanence	100,000	SBQC	ex-post	100%	0%	Year 01		
	1.3.1	Training and capacity building in forest monitoring								
	1.3.1.1	Contract PF support training (product)	20,000	CI	ex-post	100%	0%	Year 01		
	1.3.1.2	Advanced exploratory analysis of NFI data	18,000	CI	ex-post	100%	0%	Year 03		
	1.3.2.2	Development of thematic applications with NFI data	20,000	CI	ex-post	100%	0%	Year 03		
	1.3.2	Development of research and support IFN								
	1.3.2.3	Integration of field data and remote sensing to support IFN	18,000	CI	ex-post	100%	0%	Year 03		
	1.3.2.4	Pilot Study on IFN Second Cycle	18,000	CI	ex-post	100%	0%	Year 03		
	1.4.1.1	Processing and analysis of NFI data								
		Consultancy to deliver Data Analysis (GEO)	73,000	CI	ex-post	100%	0%	Year 01		
		Consultancy to deliver database programme	76,000	CI	ex-post	100%	0%	Year 01		
	2	**Component 2 - National Forest Information System (NFIS) consolidated**	**1,715,000**							
		Goods	**34,000**							
	2.1.3.1 2.4.4.4	Equipments (Desktop computers with office - type 2 (Workstation), Desktop computers with office and 2 screens - type 1, monitor, projector, Nobreak, Notebook, External HD, Headset, Smart TV, Spare (Mouse pad, wireless mouse and keyboard kit, HDMI cable)	34,000	CP	ex-post	100%	0%	Year 01		
		Others	**69,000**							
	2.2.4.1 2.2.4.2 2.2.4.3 2.2.4.4	Daily allowance for the participation on R&D events (including seminar's ticket)	28,000	CP	ex-post	100%	0%	Year 01		
	2.2.2.1 2.3.1.3 2.4.1.1 2.4.2.1 2.4.4.1 2.4.4.6 2.4.5.1	Daily allowance to participate in workshops and seminars on forest management	36,000	CP	ex-post	100%	0%	Year 01		
	2.2.1.1 2.2.1.2	Daily allowances to participate in meetings to develop partnerships and share data on forest management	5,000	CP	ex-post	100%	0%	Year 01		
		Non-Consulting Services	**408,000**							
	2.2.1.1 2.2.1.2	Travel costs to attend meetings to develop partnerships and share data on forest management (travel costs)	13,000	CP	ex-post	100%	0%	Year 01		
	2.1.2.1 2.1.3.2 2.1.3.3	Development and implementation of an information platform (softwares, IT support and system maintenance)	34,000	CP	ex-post	100%	0%	Year 01		
	2.2.4.1 2.2.4.2 2.2.4.3 2.2.4.4	Travel costs for the participation on R&D events	22,000	CP	ex-post	100%	0%	Year 01		
	2.2.2.1 2.3.1.3 2.4.1.1 2.4.2.1 2.4.2.6 2.4.2.5 2.4.4.6 2.4.5.1	Organization and participation in workshops and seminars on forest management (travel costs, venue rental, personel, printing material, coffee break)	116,000	CP	ex-post	100%	0%	Year 01		
	2.4.2.5 2.4.4.1 2.4.4.2 2.4.4.3 2.4.4.5	Dissemination of the Project and communication actions (video production, printing material, folders, booklets, banners and other communication material)	223,000	CP	ex-post	100%	0%	Year 01		
		Consulting Services	**1,204,000**							
	2.1.1.1	Development and implementation of an information platform	177,000	SBQC	ex-post	100%	0%	Year 01		
	2.1.2.1	Development and implementation of improvements in the Portal	93,000	SBQC	ex-post	100%	0%	Year 01		
	2.1.4.1	Consolidation and development of content available for the NFIS								
		Maintenance of portal data base	75,000	SBQC	ex-post	100%	0%	Year 01		
		Short-term contracts for 15 forest information packages specific to the Pampa biome	17,000	CI	ex-post	100%	0%	Year 01		
		Short-term contracts for 15 forest information packages specific to the Pantanal biome	17,000	CI	ex-post	100%	0%	Year 02		
		Short-term contracts for 15 forest information packages specific to the Cerrado biome	23,000	CI	ex-post	100%	0%	Year 02		
		Short term contracts for 15 forest information packages specific to the Caatinga biome	17,000	CI	ex-post	100%	0%	Year 02		
		Short term contracts for 15 specific forest information packages for the Atlantic Forest	17,000	CI	ex-post	100%	0%	Year 02		
		Short-term contracts for specific information on each biome (5)	117,000	CI	ex-post	100%	0%	Year 01		
	2.1.4.3	Updating and organising SNIF and geospatial (forests) databases								
		Specialist in bank and geo: updating of the Forest bank, organization of the data set required for the NFIS)	72,000	CI	ex-post	100%	0%	Year 01		
		Statistician in the Forestry area (preferably with notions of forestry data analysis).	72,000	CI	ex-post	100%	0%	Year 01		
	2.1.5.1	Development of API to make IFN data available for download (web service)								
		Consultant to develop the system	60,000	CI	ex-post	100%	0%	Year 01		
	2.1.5.2	Thematic maps of the forests of Brazil (interactive maps by means of database searches)								
		Consultant to develop the system	24,000	CI	ex-post	100%	0%	Year 01		
	2.2.3	Diagnostic studies to support the forest bioeconomy								
	2.2.3.1	Regional market studies	20,000	CI	ex-post	100%	0%	Year 01		
	2.2.3.2	Regional and local studies of value chains	20,000	CI	ex-post	100%	0%	Year 01		
	2.2.3.3	Survey of references on methodologies that relate inventories and mapping for estimating forest stocks (non-timber, timber volume, biomass, carbon)	20,000	CI	ex-post	100%	0%	Year 01		
	2.2.3.4	Mapping of occurrences for 20 non-timber forest products	20,000	CI	ex-post	100%	0%	Year 01		
	2.2.3.5	Study of the supply of ecosystem services by the forest (Survey of ecosystem services offered by the forest, with an estimate of the contributions of the forest for each one - through the occupied area, biomass, CO2 sequestration, tourist attractions)	20,000	CI	ex-post	100%	0%	Year 01		
	2.2.3.6	Studies on Planted Forests (supply / demand / sector limitations)	20,000	CI	ex-post	100%	0%	Year 01		
	2.3.2	Data gathering								
	2.3.1.1	Production of manuals and protocols for obtaining and making information available	12,000	CI	ex-post	100%	0%	Year 01		
	2.3.2	Data model and process flows for managing the NFIS								
	2.3.2.1	Design the internal and external working routines of the NFIS (business/process mapping) and establish indicators	25,000	CI	ex-post	100%	0%	Year 01		
	2.3.2.2	Establishment of data models, taxonomy of forest information, organisation of internal data.	24,000	CI	ex-post	100%	0%	Year 01		
	2.3.2.3	Articulations and meetings to implement the management of the NFIS	14,000	CI	ex-post	100%	0%			
	2.4.1.2	Development of forest indicators								
		Development of a plan to develop indicators	12,000	CI	ex-post	100%	0%	Year 01		
	2.4.2	Development of reports on forest's situations								
	2.4.2.2	Production of thematic bulletins on NFIS data	16,000	CI	ex-post	100%	0%	Year 01		
	2.4.2.3	Diagramming services	8,000	CI	ex-post	100%	0%	Year 01		
	2.4.2.4	Translation services	8,000	CI	ex-post	100%	0%	Year 01		
	2.4.3	Production of strategic information								
	2.4.3.1	Preparation of NFI strategic reports	50,000	CI	ex-post	100%	0%	Year 01		
	2.4.3.2	State and condition of forests by region (e.g. Cerrado Bulletin)	6,000	CI	ex-post	100%	0%	Year 03		
	2.4.3.3	Status of high value species	6,000	CI	ex-post	100%	0%	Year 03		
	2.4.3.4	National capacity for bioeconomy sustainable production	6,000	CI	ex-post	100%	0%	Year 03		
	2.4.4.1	Communication services								
		Marketing and Publicity Consultant	68,000	CI	ex-post	100%	0%	Year 01		
		Jornalist Consultant	36,000	CI	ex-post	100%	0%	Year 01		
	2.4.5.2	Survey of new demands for international reports								
		Consultant	12,000	CI	ex-post	100%	0%	Year 01		
		Project Management and Administration	**920,000**							
		Goods	**18,000**							
		Equipments	18,000	CP	ex-post	100%	0%	Year 01		
		Others	**60,000**							
		Utilities (phone, copies, etc)	15,000	CP	ex-post	100%	0%	Year 01		
		Space rental	45,000	CP	ex-post					
		Non- consulting services	**24,000**							
		Monitoring missions (Diaries, tickets, daily allowances)	24,000	CP	ex-post	100%	0%	Year 01		
		Consulting services	**818,000**							
	3.1.1	Establish and operate the Project Management Unit								
		Main technical management team (project manager, project assistant, technical manager, financial manager and assistant etc).	678,000	CI	ex-post	100%	0%	Year 01		
	3.2.1	**Audits**	80,000	BID	ex-post	100%	0%	Year 01		
	3.2.2	**Mid-Term Review and Final Review**	60,000	CI	ex-post	100%	0%	Year 02		
		Total	**9,700,000**	**Prepared by:** Serviço Florestal Brasileiro - SFB				**Date:**		

(1) Grouping together of similar procurement is recommended, such as computer hardware, 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 colum 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 have an item called "airfare for fairs", an estimated total value od US$5,000, and an explanation in the Comments column: "This is for approximately four 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 the Consultants' Qualifications; QCBS: Quality and cost-based selection; LCS: Least Cost Selection; FBS: Selection nder a Fixed Budget; SSS: Single Source Selection; QBS: Quality Based selection.

(2) **Individual consultants:** IICQ: International Individual Consultant Selection Based on Qualifications; SSS: Single Source Selection.

(2) Country system: include selection Method

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

(4) **Technical review:** The PTL will use this column to define those procurement he/she considers "critical"or "complex"that require ex ante review of the terms of reference, technical specifications, reports, outputs, or other items.