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To: The Executive Directors

From: The Secretary

Subject: Brazil. Nonreimbursable technical-cooperation funding for the project "Low Carbon

Agriculture for Avoided Deforestation and Poverty Reduction in Brazil. Phase II-

Sustainable Rural Development in the Cerrado"

Basic Information:

Executing agency...... Brazilian Institute of Development and Sustainability

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DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

BRAZIL

Low Carbon Agriculture for Avoided Deforestation and Poverty Reduction in Brazil. Phase II - Sustainable Rural Development in the Cerrado

(BR-T1409)

TECHNICAL COOPERATION

This document was prepared by the project team consisting of: Octavio Damiani (RND/CBR), Team Leader; Barbara Brakarz (CCS/CBR), Alternate Team Leader; Cristina Celeste Marzo (LEG/SGO); David Salazar and Carlos Carpizo (VPC/FMP); Adriana da Cruz, Yuka Maekawa, Lorayne de Oliveira Santos and Paula Valente Lins (CSC/CBR); and Yolanda Valle (CSD/RND).

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Technical Cooperation Document

I. Basic Information for TC

Country/Region:	Brazil
■ TC Name:	Low Carbon Agriculture for Avoided Deforestation and Poverty Reduction in Brazil. Phase II - Sustainable Rural Development in the Cerrado
■ TC Number:	BR-T1409
■ Team Leader/Members:	Octavio Damiani (RND/CBR), Team Leader; Barbara Brakarz (CCS/CBR), Alternate Team Leader; Cristina Celeste Marzo (LEG/SGO); David Salazar and Carlos Carpizo (VPC/FMP); Adriana da Cruz, Yuka Maekawa, Lorayne de Oliveira Santos and Paula Valente Lins (CSC/CBR); and Yolanda Valle (CSD/RND)
■ Taxonomy:	Client Support
Date of TC Abstract authorization:	30-Nov-2018
Beneficiary:	Federative Republic of Brazil, through the Ministry of Agriculture, Livestock, and Food Supply of Brazil (MAPA)
Executing Agency:	IABS – Brazilian Institute of Development and Sustainability
Donors providing funding:	Phase II: Low-carbon Agriculture for Avoided Deforestation and Poverty Reduction Fund (LCA)
■ IDB Funding Requested:	US\$15,000,000
■ Local Counterpart:	None
■ Disbursement period	54 months (48 months of execution)
Required start date:	July 2019
■ Types of consultants:	Firm and individual
Prepared by Unit:	Environment, Rural Development and Disaster Risk Management Division (CSD/RND)
Unit of Disbursement Responsibility:	Bank Office in Brasil (CSC/CBR)
■ TC included in Country Strategy:	Yes
■ TC included in CPD:	No
Alignment to the Update to the Institutional Strategy 2010-2020:	Productivity and Innovation; Climate Change and Environmental Sustainability

II. Objectives and Justification of the TC

2.1 The objective of this Technical Cooperation (TC) is to mitigate Greenhouse Gas (GHG) emissions and increase income of small and medium-size farmers in the *Cerrado*

(Brazil's Savanah) biome¹ by promoting the adoption of low carbon technologies.² It will implement activities that improve farmers' access to technical assistance and training, as well as financial support to farmers' organizations to strengthen the marketing of agricultural production. In addition, it will improve the capacities of local technical assistance providers (both institutions and individual professionals) to work with low-carbon technologies.

- This project is one of three TCs that comprise the second phase of the Low-carbon Agriculture for Avoided Deforestation and Poverty Reduction Project (BR-X1028), financed by the International Climate Fund (ICF) through the Department of Environment, Food and Rural Affairs (DEFRA) of the United Kingdom of Great Britain and Northern Ireland. The IDB was responsible for the administration and financial management of the donor's funds, formulated the project and supervised its implementation. The project, with a total cost of US\$39.2 million, had the objective of recovering degraded pastures and forests and implementing low carbon agriculture among small and medium-size farmers in seven states in the Amazon and Atlantic Forest biomes. It was approved by the IDB Board of Executive Directors on April 3, 2013 and finalized its implementation on May 14, 2019. In 2016, the IDB and DEFRA agreed to carry out a second phase of the project, signing an Administrative Agreement on December 16 of that year, creating the "Phase II: Low-carbon Agriculture for Avoided Deforestation and Poverty Reduction Fund" (LCA), with a contribution by DEFRA of GBP 30 million (thirty million British pounds Sterling). The objective of the LCA fund is to finance operations that promote sustainable low-carbon land use and forest management in small and medium-scale farms by encouraging technological progress, ensuring that agriculture continue to develop while preserving natural resources, reducing deforestation, and reducing GHG emissions in the largest biomes in Brazil. While the BR-X1028 project focused on the Amazon and Atlantic Forest biomes, the second phase will focus on the Cerrado (through this TC) and on the Caatinga (through another TC) biomes.3
- 2.3 In fact, most efforts in Brazil have focused on reducing deforestation in the Amazon, while the *Cerrado* biome is being threatened by the expansion of livestock and agricultural activities. In 2015, deforestation rates in the *Cerrado* were four times greater than in the Amazon, and it has been estimated that 15 million hectares could be deforested in the next decade,⁴ which would represent close to Brazil's target of

The *Cerrado* is a vast tropical biome composed of savannas and grasslands amid humid and tropical forests, located in the highlands of Central Brazil. It corresponds to 22% of Brazil's territory, covering more than 2 million km2 in the Federal District (100% of its territory) and eleven states: Goiás (97%), Tocantins (91%), Maranhão (64%), Mato Grosso do Sul (61%), Minas Gerais (57%), Mato Grosso (40%), Piauí (37%), São Paulo (33%), Bahia (27%), Paraná (2%), and Rondônia (0.2%). Of its total area, 30% is occupied by pasture land and 12% by crops, mainly soybean. The *Cerrado* states are among Brazil's largest beef and grain producers and consequently have witnessed significant changes in land-use and land-cover. Since the mid-2000s, Bahia, Mato Grosso, Piauí, Maranhão and Tocantins were the five states with the largest area of cleared native vegetation and where most of the forthcoming agriculture expansion is projected to occur due to land availability, land costs and productivity potential. In 2015, the *Cerrado* was responsible for 21% of land-use change emissions, behind the Amazon, which was responsible for 52%.

The term technology will be used to refer broadly to the practices and procedures promoted to foster crop-livestock-forest integration.

A third TC that will be executed by the Bank will provide implementation support to the executing agencies of the other two TCs, it will implement their baseline and evaluation studies, and it will carry out knowledge management activities.

WWF 2016. Moratória na Amazônia: principal benchmark global de Desmatamento Zero [Online]. See https://www.wwf.org.br/?54562 [Access on 22 April 2019].

restauration and reforestation Nationally Determined Contributions (NDC) for 2030. From 2000 to 2016, land used for agriculture in the *Cerrado* biome nearly tripled, going from 7.4 million to 20.5 million hectares. This transformation is attributed to the region's status as the country's last agriculture frontier. In addition to climate implications, the *Cerrado* is a global biodiversity hotspot. It is home to three of South America's major river basins (the Amazon/Tocantins, São Francisco and Prata), to 11,627 catalogued native plant species, 199 mammal species, 837 rich avifauna, 1,200 fish species, and 150 amphibian species. It also contains 13% of butterflies, 35% of bees and 23% of termites in the tropics.

- 2.4 The preparation of the TC has taken into account the lessons learned from the experience of the BR-X1028 project, in particular that: (i) lack of access to appropriate technical assistance is a major barrier to the adoption of low carbon technologies by small and medium-size farmers; (ii) direct subsidies to farmers posed operational challenges and did not ensure the sustainability of technology adoption; and (iii) constraints faced by small farmers in the marketing of their production may compromise the adoption of new technologies and its sustainability. Considering these lessons, this TC focuses on facilitating the access of beneficiaries to technical assistance, on training local technical assistance providers on low-carbon technologies, on supporting farmers to access existing credit lines, and on supporting the development of value chains through the strengthening of farmer organizations.
- The TC is consistent with the Update to the Institutional Strategy 2010-2020 2.5 (AB-3008), being aligned with the development challenge of productivity and innovation, as it promotes the adoption by small and medium-size farmers of new agricultural technologies and production systems. It is also aligned with the cross-cutting issue of addressing the economic and social impacts of climate change adaptation and mitigation, as it focuses on supporting the adoption of climate change and adaptation technologies, and it contributes to the IDBG Corporate Results Framework 2016-2019 (GN-2727-6), specifically the number of beneficiaries of improved management and sustainable use of natural capital. The TC is also aligned with the cross-cutting theme of climate change and environmental sustainability, as its objective and proposed activities focus entirely on climate change mitigation and adaptation. In addition, the TC is aligned with the Report on the Ninth General Increase in the Resources of the Inter-American Development Bank (AB-2764) objective to protect the environment, respond to climate change, and ensure food security, as it supports the adoption of technologies that both contribute to the sustainable use of natural resources and to the mitigation of climate change effects, at the same time that improve farmers' incomes. The TC is also consistent with the Integrated Strategy for Climate Change Adaptation and Mitigation, and Sustainable and Renewable Energy (GN-2609-1), the Climate Change Sector Framework Document (GN-2835-8), the Agriculture and Natural Resources Management Sector Framework Document (GN-2709-5) and the Food Security Sector Framework Document (GN-2825-8). Although it is not aligned with the objectives of the IDB Country Strategy with Brazil 2016-2018, it is aligned with its crosscutting issues, as it promotes strategies to expand

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Mansur 2017. A Área de Agricultura quase triplicou no Cerrado em 17 Anos [Online]. See https://epoca.globo.com/ciencia-e-meio-ambiente/blog-do-planeta/noticia/2017/05/area-de-agricultura-quase-triplicou-no-cerrado-em-17-anos.html. [Accessed April 22, 2019].

Particularly the states of Mato Grosso, Maranhão, Tocantins, Piauí and Bahia.

MMA 2018. Cerrado Biome [Online]. Available: http://www.mma.gov.br/biomas/cerrado. [Accessed April 22, 2019].

⁸ Ibid.

investments aimed at reducing greenhouse gas emissions. Finally, the TC is aligned with the objectives and eligibility criteria of the "Phase II: Low-carbon Agriculture for Avoided Deforestation and Poverty Reduction Fund", according with the provisions set in the Administrative Agreement signed between IDB and the Government of the United Kingdom on December 16, 2016.9

- 2.6 According to the multilateral development banks' joint methodology for tracking climate finance, 100% of the TC's resources are invested in climate change mitigation and adaptation activities. These resources contribute to the IDB Group's target of increasing the financing of climate change related projects to 30% of all operational approvals by the end of 2020.
- 2.7 This TC will also support the implementation of Brazil's Government policies, especially the following: (i) Agriculture Climate Change Adaptation and Mitigation Plan (ABC Plan),¹⁰ which sets sustainable agriculture production actions to reduce GHG emission in the agriculture sector; (ii) the Forest Code 2012,¹¹ which establishes norms for protected forest areas; (iii) the National Policy on Climate Change 2009;¹² (iv) the Action Plan for Prevention and Control of Deforestation and Fire in the Cerrado;¹³ and (v) Brazil's NDC, which sets out the country's restauration and low carbon agriculture targets to reduce GHG emissions.

III. Description of activities/components and budget

3.1 The project will focus on three major activities: (i) training to build capacities of local technical assistance providers (both institutions and individual professionals) about the application of low carbon technologies; (ii) technical assistance and training to farmers to promote their adoption of low carbon technologies and production systems; and (iii) technical assistance and targeted collective benefits to strengthen farmer organizations in low carbon agriculture value chains. Technical assistance will focus on the implementation of Integrated Crop-Livestock-Forestry (ICLF) systems¹⁴ and the recovery of degraded pastures, aimed at increasing land-use efficiency, productivity per hectare and income generation among small and medium farmers, while mitigating GHG emissions and reducing the pressure to clear native forest for agricultural production. According to Brazil's NDC, ICLF is the main technology to mitigate GHG in the agricultural sector by 2030.¹⁵

⁹ Eligible operations are defined as non-reimbursable technical cooperation operations of the IDB in Brazil that are aligned with the objective and areas of intervention of the Fund.

The ABC Plan is one of the nine sectorial plans elaborated in accordance with the 3° Article of the Decree N° 7.390/2010.

¹¹ The New Forest Code Law No 12.651, of May 25, 2012. (Originated by the Law Project No 1.876/99).

¹² Law Nº 12.187, December 29, 2009.

Ministério de Meio Ambiente (2010). Plano de Ação para Prevenção e Controle do Desmatamento e das Queimadas: Cerrado. Brasília, MMA.

¹⁴ ICLF is a strategy aimed at maximizing positive environmental effects, combining productivity growth with natural resources conservation in the process of intensifying the use of deforested areas in Brazil. It includes four different production systems: (i) integrated crop-livestock or agro-pasture system, which integrates crop and livestock components in rotation, combination or succession in the same area and in a same crop year or for multiple years; (ii) integrated livestock-forest, forest-pasture, or silvopasture system, which integrates livestock and forest components in combination; (iii) integrated crop-forest or agroforestry system, which integrates crop and forest components through the combination of tree species and agricultural (annual or perennial) crops; and (iv) integrated crop-livestock-forest system, which integrates crop, livestock and forest components in rotation, combination or succession in the same area.

¹⁵ Brazil's NDC.

- 3.2 Component I. Strengthening of local capacities in low carbon agriculture (US\$2,851,000). This component will build local capacity in sustainable agricultural technologies by providing targeted training to farmers, technical assistance providers, and managers of local environmental agencies. It will be delivered through:
 - a. Training on selected low carbon agricultural technologies and environmental management practices targeted to technical assistance providers and farmers. A variety of methods will be used, including field days, lectures, technical workshops, online courses, and use of a customized app to disseminate best practices.
 - b. Social empowerment through rural associations. Implementation of lectures, capacity building sessions, and awareness raising targeted to members and leaders of rural organizations aimed at increasing the participation of farmer organizations in low carbon agriculture, emphasizing the role of women and youth.
 - c. **Mainstreaming sustainable agriculture for youth.** Introducing sustainable agriculture concepts and practices into formal and informal education at the local level, thus encouraging behavioral change amongst the young rural population.
- 3.3 Component II. Promotion of low carbon technologies and sustainable practices (US\$7,012,000). This component will finance the provision of technical assistance to farmers and the development of a monitoring system of emissions mitigation. The main activities will include:
 - a. Implementation of Demonstration Units (DUs) and Multiplying Units (MUs). DUs are specific areas within farms in which the project provides technical support and inputs to show the application of low carbon technologies. As an important component of technical assistance to rural producers, DUs are used in training sessions with project beneficiaries to show how the technologies are applied and their main results. MUs are the farms in the project area where beneficiaries adopt the low carbon technologies promoted by the project in an integral manner (rather than in limited areas). Although MUs can also serve as a model to other producers, their main objective is the dissemination of the technologies in the project area, rather than demonstration and training.
 - b. Improving management of rural properties. Technical assistance focused on rural property management, including energy efficiency, water management, improvement of productive processes and preservation and recovery of native vegetation. It will include the improvement of support tools, such as an existing web platform to provide support in the creation of tailored recommendations to preserve native vegetation.
 - c. Research and Development (R&D). Development of a monitoring system to measure emission mitigation, based on the application of Internet of Things (IoT)¹⁶

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¹⁶ IoT-based smart farming is a system built for monitoring the crop field with the help of sensors (light, humidity, temperature, soil moisture, etc.) and automation of irrigation systems. Farmers can monitor field conditions from anywhere (E.g.: smartphones and laptops). The applications of IoT-based smart farming could also uplift other growing or common trends in agricultural like organic farming, family farming (complex or small spaces, particular cattle and/or cultures, preservation of particular or high-quality varieties etc.), and enhance highly transparent farming. In terms of environmental issues, IoT-based smart farming can provide great benefits including more efficient water usage, or optimization of inputs and treatments.

- to integrated production systems, such as cotton production, precision agriculture and computerized milk production using ICLF.
- d. Promoting access to financing. The project will not provide subsidies to farmers to finance the adoption of low carbon technologies. Instead, technical assistance financed by the project will support farmers to access available credit from the Low Carbon Agriculture Program ("ABC Program"), a government rural credit program covering all Brazil that finances the implementation of low carbon agriculture through the recovery of degraded pastures, the establishment of agro-forestry systems, and the application of nitrogen-fixing technologies and systems in soil management, among others.¹⁷ Although this credit is readily available, farmers need technical assistance to obtain complete information about the program, to prepare project proposals, and to implement them once credit is approved.
- e. **Good practices award.** Contests will be carried out periodically for farmers and technical assistance providers to present their experience in the application of low carbon technologies and other sustainable agricultural practices, and grant awards will be provided to the most innovative actors and experiences. Eligibility criteria and methods used for implementing the contests will be detailed in the TC's operating regulations (see paragraph 4.6).
- 3.4 Component III. Development of value chains and access to markets (US\$3,456,000). This component will provide economic incentives and non-financial support to farmers' organizations to strengthen the development of low carbon agriculture value chains and promote access to markets. It will include:
 - a. Collective benefits consisting of non-reimbursable funds provided to local farmer organizations to make small investments that help strengthen low-carbon value chains and the role of the organizations in production and marketing. It would finance, for example, implementation of seed nurseries that supply locally low-cost seedlings to farmers, small-scale storage facilities necessary to avoid losses, local fairs to improve the access to local markets, and tools and small-scale agricultural equipment necessary to implement practices. The eligibility criteria to access these benefits and the eligible items that would be financed will be detailed in the TC's Operating Regulations (see paragraph 4.6). During implementation, the project will also explore the potential participation of BID Lab and BID Invest in financing farmer organizations.
 - b. **Assessment and development of a certification and labelling program.** A study will be initially carried out to analyze the national and international experience with certification programs. Depending on its results, a certification and labelling methodology of low carbon products in the *Cerrado* will be developed, certifying the products' origin and the use of sustainable practices. This will be a pilot experience that could foster a generation of a market-based compensation for rural farmers.
- 3.5 **Project management (US\$935,000).** It includes contracting of consultants of the Project Management Unit (PMU).
- 3.6 Auditing (US\$150,000). It includes costs of auditing.

According to the Ministry of Agriculture, the ABC Credit Program will finance low carbon agriculture with an estimated amount of BRL197 billion (approximately US\$49 billion) during the period 2011-2020. (http://www.agricultura.gov.br/assuntos/sustentabilidade/plano-abc/plano-abc-agricultura-de-baixaemissao-de-carbono, accessed on June 5, 2019).

3.7 Other administration costs (US\$596,000). It includes other administration costs (utilities, equipment, etc.).

Indicative Budget (US\$)

Activity/Component	IDB / LCA Fund	Counterpart Funding	Total Funding
Component I. Strengthening of local capacities in low carbon agriculture.	2,851,000	0	2,851,000
Component II. Promotion of low carbon technologies and sustainable practices.	7,012,000	0	7,012,000
Component III. Development of value chains and access to markets.	3,456,000	0	3,456,000
Project management	935,000	0	935,000
Auditing	150,000	0	150,000
Other administration costs	596,000	0	596,000
Total	15,000,000	0	15,000,000

- 3.8 The project area includes 73 municipalities in four states: Goias, Mato Grosso, Mato Grosso do Sul, and Minas Gerais. These states and municipalities have a significant percentage of degraded pastures and high deforestation rates and were chosen based on a methodology developed by the Brazilian Agricultural Research Corporation (EMBRAPA) and ESALQ (University of Sao Paulo) to increase the GHG mitigation impact of the project. Project beneficiaries will include at least 3,000 small and medium-scale farmers who will participate of training and/or technical assistance activities and 850 professionals providing technical assistance who will strengthen their capacities on low carbon technologies. The project will neither affect nor have indigenous communities among its beneficiaries.
- 3.9 The main expected results are: (i) 4 million tons of CO₂ emissions avoided until the end of the project, and 20 million tons over a 20 year-period (1 million tons/per year);¹⁸ (ii) 2,000 farmers adopting low carbon technologies; (iii) 200,000 hectares where low carbon technologies are implemented; (iv) 2,000 sustainably managed farms; (v) 3,000 farmers with strengthened capacities and awareness about low carbon and sustainable agriculture; (vi) 1,000 farmers with better access to credit; (vii) 10 farmer organizations strengthened in their marketing of low carbon products; and (viii) average increase of 15% in beneficiaries' farm income. The executing agency will submit the following evaluations to the Bank, in accordance with the scope agreed with the Bank: (a) a mid-term review, once 50% of the TC funds have been disbursed and justified or after 24 months of execution, whichever occurs first; and (b) a final report, no later than 90 days after the date of the last disbursement. The bank-executed TC will finance a baseline study and an impact evaluation to measure project results and identify lessons learned.

ABC Plan reference values were used to calculate the 20 million tons in CO₂ emissions avoided over 20 years target. Four million hectares of integrated crop-livestock-forest systems have the potential to reduce emissions by about 18 to 22 million MgCO₂eq in long term. According to da Conceição *et al.* (2017), within three years, integrated crop-livestock-forest systems contribute to increase total carbon stock by 5.5 Mg ha-1, which is equivalent to 20,16 tCO₂e/ha. Multiplying this number by the total area of the project (200 thousand hectares), in four years (project lifespan) 4 million tons in CO₂e emissions will be avoided.

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IV. Executing agency and execution structure

- 4.1 The Executing Agency (EA) will be the Brazilian Institute of Development and Sustainability (IABS), a non-governmental and non-profit organization (NGO) based in Brasilia, with teams and offices in other states of Brazil, specialized in the fiduciary and operational management of environmental projects.
- Since its creation in 2003, IABS has implemented over 265 projects, having as main 4.2 partners bilateral and multilateral organizations such as the Inter-American Institute for Cooperation on Agriculture (IICA), the Spanish Cooperation Agency (AECID), the United States Agency for International Development (USAID), the United Nations Development Program (UNDP), the IDB, universities (e.g. Technical University of Madrid and the National University of Brasilia - UNB), as well as private sector organizations. It has substantial know-how on rural development and social technologies, having built over 15,000 rainwater catchment cisterns and promoted low carbon agriculture and social technologies in rural properties. IABS has a track record in designing, implementing, delivering and monitoring low carbon and sustainable agricultural practices in different Brazilian biomes, and it has participated in the execution of the first phase of the Low Carbon Agriculture Project (BR-X1028; ATN/DE-15770-BR), having played a key role in the acceleration of its implementation. A recent audit of operations in Brazil conducted by the IDB to check operations' impact and procedures concluded that IABS has effectively implemented field activities, demonstrating value for money and compliance with financial procedures. Furthermore, IDB carried out in 2018 an evaluation of IABS's institutional capacity using the Platform for Analyzing Institutional Capacity (PACI), which concluded that IABS has a satisfactory experience in project management and established procurement rules acceptable to the Bank, at the same time that needs to strengthen its financial systems and its technical team to execute this TC. IABS is also a member of the IDB Civil Society Consultation Group (ConSoC) in Brazil, and has executed the project Dynamic and Sustainable Tourism in the Lower São Francisco and the project Maceió More Inclusive with Circular Economy Models, both financed by IDB Lab.
- 4.3 IABS will be responsible for the technical, financial and fiduciary execution and administration of the TC. A steering committee will be created including representatives of DEFRA, IDB, MAPA, EMBRAPA and IABS. The steering committee will have a consultative role, serving to discuss progress of implementation, review annual workplans, and provide strategic guidance. IABS will coordinate the participation of the beneficiary (Ministry of Agriculture, Livestock and Supply, MAPA) in the supervision of field activities and the review of the quality of the goods and services provided by contractors and vendors, in addition to its participation in the Steering Committee. The TC will make an effort to use the existing ABC Plan Management Groups structure, 19 whenever possible. Finally, technical committees will be created at the level of each state of the project area, including relevant local rural development institutions (government and non-government), such as NGOs, government agencies providing technical assistance to farmers, and municipalities. These committees will contribute to the disseminate information about the project, to mobilize farmers and other actors, and to discuss problems and initiatives at the local

The ABC Plan Management structure comprises three spheres: (i) National Strategy to evaluate implementation and propose changes to mitigate emissions; (ii) National Tactic to monitor the execution of activities; and (iii) State Level Execution to promote and coordinate actions in the States.

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- level. The details regarding project committees will be included in the TC's Operating Regulations (see paragraph 4.6).
- 4.4 **Execution Mechanism.** Consistent with the results of the institutional capacity assessment of IABS carried out by the IDB, IABS will execute the project using its internal administrative, technical and overall organizational and internal control capabilities. To strengthen its technical execution function, IABS will create a Project Management Unit (PMU) within its organizational structure and will allocate the necessary human and technical resources needed for project implementation. The TC will use IABS's existing systems for integrated project planning, procurement, financial administration, internal controls, reporting, and monitoring, while ensuring compatibility with Bank norms, procedures and control systems. The PMU will include five full-time technical staff fully dedicated to the TC: (i) one general coordinator of project activities; (ii) one technical analyst to support project management; (iii) one project financial manager; (iv) one administrative assistant; and (v) one planning and management assistant.
- 4.5 **Special contractual conditions prior to the first disbursement:** (i) evidence of the establishment of the PMU within the IABS' organizational structure; (ii) hiring of the PMU technical staff; and (iii) preparation and non-objection of the Bank of a TC's Operating Regulations (see paragraph 4.6). In addition, IABS will work in partnership with the ILPF Network²⁰ (that will be in charge of M&E as well as of reporting on Key Performance Indicators –KPIs agreed with the donor)²¹ to ensure accurate data about the sustainable and low carbon practices. Progress reports will be submitted to the steering committee every six months, including KPIs.
- 4.6 **Operating Regulations.** The TC's Operating Regulations will describe the execution arrangements for the operation, including: (i) organizational structure; (ii) technical and operational arrangements for program execution; (iii) operating procedures; and (iv) detailed description of the expected results.
- 4.7 The implementation of the TC will include research activities carried out by EMBRAPA, and field activities that will be implemented in partnership with local Technical Assistance Institutions (ATERs) and their Technical Assistance Agents (ATECs). EMBRAPA is a federal government agricultural research agency created in 1973, under the Brazilian Ministry of Agriculture, Livestock, and Food Supply, well-known in Brazil for its excellence in agriculture research. ²² Most of the technologies and knowledge necessary to implement the CLF systems proposed by the TC have been

The ILPF Network Association is a public-private partnership formed by Bradesco, Cocamar, John Deere, Soesp, Syngenta and EMBRAPA.

KPI indicators have been included in the Indicative Results Framework of the Administrative Agreement. Administrative Agreement signed between IDB and the Government of the United Kingdom: KPI 3: number of forest dependent people with livelihoods benefits protected or improved as a result of ICF support; KPI 6: net change in Greenhouse Gas Emissions (tCO2e) – tonnes of GHG emissions reduced or avoided; KPI 8: number of hectares where deforestation and degradation have been avoided through ICF support; KPI 10: value of ecosystem services generated or protected as a result of ICF support.; KPI 15: extent to which ICF intervention is likely to have a transformational impact.

It has 2,444 researchers, 84% of whom have PhD or post-doctoral degrees from universities in Brazil and abroad. EMBRAPA operates as a network with institutions from the National Agricultural Research System (SNPA in Portuguese), with researchers from around of the world. Since its foundation, and in partnership with the National Agricultural Research System, EMBRAPA has played a key role in developing a genuine Brazilian model to foster tropical agriculture and livestock to overcome the barriers that limited the production of food, fiber, and fuel. This effort has turned Brazil into one of the main world exporters of agricultural products. However, much is needed to ensure low carbon and sustained production methods are used to counter deforestation, while increasing production.

developed by EMBRAPA and agencies, universities and state research institutions belonging to the National Agricultural Research System (SNPA). Through its participation in project activities and in the Project Steering Committee, EMBRAPA will provide key technical and scientific knowledge. EMBRAPA's participation will take place through the ILPF Network Association, a public-private partnership created by EMBRAPA to promote the wide adoption of integrated crop-livestock-forest systems by rural producers as part of an effort aimed at the sustainable intensification of Brazilian agriculture. Initiated in 2012, the ILPF Network Association is co-financed by private companies and EMBRAPA, supporting a network of 107 Technological Reference Units distributed in all Brazilian biomes and involving the participation of 20 EMBRAPA Research Centers. The Cooperation Agreement that will be signed between IABS and the ILPF Network Association will be reviewed for non-objection by the Bank. A minute of such agreement will be included in the project Operation Regulations.

- 4.8 To implement technical assistance activities included in Components II and III, IABS will make a call for proposals to select local institutions that will carry out mobilization and awareness raising activities, select project beneficiaries, implement DUs and MUs, organize training and technical assistance activities, and assist farmer organizations in preparing and implementing proposals for investments focused on strengthening value chains. IABS, with the technical support of EMBRAPA, will be responsible for supervising and ensuring quality of the technical assistance services. Calls for proposals' terms of reference will be reviewed by the IDB for non-objection. The details of the calls for proposals and their procedures will be included in the project Operating Regulations (see paragraph 4.6).
- Procurement and financial management. Procurement administration of the project will take place in accordance with established private sector and commercial practices acceptable to the IDB, as per the terms of the Policies for the Procurement of Goods and works financed by the IDB (GN-2349-9) and Policies for the Selection and Contracting of Consultants Financed by the IDB (GN-2350-9). Use of private sector procurement regulations is warranted due to IABS' private sector nature. The procurement of goods and services, including the selection and contracting of consultants with resources from the IDB, will follow the norms and procedures of IABS, as contained in the IABS procurement manual. IABS and the Bank have agreed on a procurement plan for the duration of the TC. Any change or revision of the procurement plan by IABS will be submitted for the Bank's non-objection. With the exception of auditing, the supervision of the procurement function by the IDB will be based on the ex post modality. The Bank will advance funds to IABS based on the TC's real cashflow needs, as established in the TC's financial plan. All advances, except the first one, will be subject to a minimum 80% justification of all accumulated unjustified balances from previous advances. The Bank will initially advance resources to cover 120 days of TC expenditures; throughout project execution though, the Bank could increase this funding-period up to a level of 180 days if deemed adequate. The disbursements of the project will be subject to ex post supervision by the Bank and by the external auditors. At the end of each fiscal year, IABS will submit the project's financial statements audited by an eligible audit firm and in accordance with IDB terms of reference and regulations.

V. Major Issues

- 5.1 The risks of the TC are considered low. The main risks relate with issues identified by the evaluation of institutional capacity (PACI), namely constraints of IABS's financial management system and the need for reinforcing the management team for the implementation of this TC. In addition, state elections that will take place in 2022, i.e. during the last year of the implementation period, may affect the participation of some states in the state committees and their interest in the technologies promoted by the TC.
- 5.2 In order to reduce these risks, a detailed project Operating Regulations will be prepared before the start of implementation, detailing the TC governance structure and the operational procedures for contracting and financial management. In addition, IABS will hire a full-time project financial manager, or assign a full-time IABS employee, to perform: (i) project accounting, (ii) transaction recording and book-keeping; (iii) preparation of disbursement requests and justification of expenses to IDB; (iv) bank account management and reconciliation; (v) monitoring of the schedule of payments in line with project's financial planning and in accordance with IABS policies and levels of authorization; (vi) ensure compliance with IABS internal controls; and (vii) coordinate all activities related to the selection and work of the external audit firm. Given the scope of the TC and the volume of transactions expected, the Bank recommends IABS to strengthen its financial records systems and data protection policy in order to minimize risks in relation to data damage/loss. Risks related with the potential influence of state elections will be mitigated by strong efforts on dialogue activities, with which IABS has wide experience.

VI. Environmental and Social Classification

6.1 According to IDB's Environment and Safeguards Compliance Policy (OP-703), the TC is classified as Category is "C".

VII. Exceptions to Bank policy

7.1 No exceptions to Bank policy are expected.

Required Annexes:

Annex I: <u>Results Matrix</u>Annex II: <u>Procurement Plan</u>

Required Electronic Links:

Request from the Client

• Terms of Reference

Results Matrix

Outcomes												
		cal Capacities in Low C		Baseline								
Indicators	Flag	" Unit of Measure	Baseline	Year	Means of verification		2019	2020	2021	2022	2023	EOP
1.1 Capacities and awarene					Survey to farmers	P	0.00	1,000.00	1,000.00	1,000.00	0.00	3,000.00
about low carbon and sustai	inable	Farmers	0.00	2018	evaluating changes in awareness and	P(a)	0.00	1.000.00	1.000.00	1.000.00	0.00	3.000.00
agriculture increased					knowledge about low	Α.						
1.2 Capacities and awarene	-99				Survey to extensionists	P	0.00	200.00	280.00	100.00	0.00	580.00
bout low carbon and sustai		Professional	0.00	2018	evaluating changes in		0.00	200.00	280.00	100.00	0.00	580.00
agriculture increased among		extensionists	0.00	2018	awareness and	P(a)	0.00	200.00	280.00	100.00	0.00	580.00
professional extensionists					knowledge about low	Α						
1.3 Capacities and awarene					Survey to students to	P	100.00	900.00	1,000.00	500.00	100.00	2,600.00
about low carbon and sustai		Students	0.00	2018	evaluate changes in	P(a)	100.00	900.00	1 000 00	500.00	100.00	2 600 00
agriculture increased among	9				their awareness and knowledge about low	Α.						
					knowledge about low	^						
Jutcome: 2 Hom		arbon Technologies and		Baseline	Means of verification		2019	2020	2021	2022	2023	FOR
	Flag	" Unit of Measure	Baseline	Year	Means of verification							
2.1 Sustainably managed fa	arms 🐡		0.00	2018	Progress reports and	Р	0.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00
	- 2	Beneficiaries (#)	0.00	2018	impact evaluation	P(a)	0.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00
2.2 Low carbon technologie						P	0.00	0.00	100 000 00	200 000 00	200 000 00	200 000 00
Integrated Crop-Livestock-F											200,020.00	
Systems) implemented	,	Hectares	0.00	2018	Progress reports	P(a)	0.00	0.00	100,000.00	200,000.00	200,000.00	200,000.01
						Α						
2.3 Farmers with improved a	200099					P	0.00	250.00	500.00	1,000.00	1,000.00	1,000.00
o credit	**************************************	Beneficiaries (#)	0.00	2018	Progress reports	P(a)	0.00	250.00	500.00	1,000.00	1,000.00	1,000.00
						Α						
		e chains and access to		Dayanin								
Indicators	Flag	" Unit of Measure	Baseline	Year	Means of verification		2019	2020	2021	2022	2023	EOP
3.1 Organizations strengther	ned					P	0.00	0.00	0.00	10.00	10.00	10.00
		Farmer	0.00	2018	Progress reports	P(a)	0.00	0.00	0.00	10.00	10.00	10.00
		organizations				A						
Outcome: 4 book	no of empliand	medium-sized farmers	increased									
Indicators	Flag		Baseline	Baseline	Means of verification		2019	2020	2021	2022	2023	FOR
1 1 Annual form income inc				Year		Р	0.00	0.00	5.00	10.00	15.00	15.00
			0.00	2019	Baseline and impact		0.00	0.00	5.00	10.00	15.00	15.00
		Percentage	0.00	2019	evaluation	P(a)	0.00	0.00	5.00	10.00	15.00	15.00
						Α						
		nissions mitigated		Baseline								
Indicators	Flag	" Unit of Measure	Baseline	Year	Means of verification		2019	2020	2021	2022	2023	EOP
5.1 Emissions of Carbon Dio	xide					P	0.00	******	*******	3,500,000.00	4,000,000.00	4,000,000.0
equivalent avoided		Tons	0.00	2019	Field monitoring	P(a)	0.00	*******	*******	3,500,000.00	4,000,000.00	4,000,000.0
					system	Δ.						

1 Strengthening of Local Capaciti					Manual of				Physical Pro							Financial Pr				_	Fund	_	
Outputs 1.1 Individuals Trained	Output Description Farmers trained on	Unit of Measure Individuals (#)	Baseline 0	Baseline Year 2018	Means of verification Training agenda and	P	2019	2020	2021	2022	2023	EOP 6000	P	2019	2020	2021	2022	2023	EOP 714000	Theme Sustainable	LCA .	Flags	
	low carbon technologies				list of participants	P(a)	0	2000	2000	2000	0	6000	ŕ	12000	230000	230000	230000	12000	702000	Energy and Climate Change			
1.2 Individuals Trained	Extensionists	Individuals (#)			Agenda and list of	A							A							Sudainable			
.2 Individuals Trained	trained on low carbon	Individuals (#)		2018	Agenda and list of participants	Р	0	350	350	150	0	850		8000	120000	90000	83000	12000	313000	Energy and Climate	LCA		
	technologies					P(a)	0	350	350	150	0	850	P(a)	8000	120000	90000	83000	12000	305000	Change			
.3 Individuals Trained	Students trained on low carbon	Individuals (#)	0	2018	Agenda and list of participants	P	200	1800	2000	1000	200	5200	P	19500	86500	86500	78000	19500	290000	Sustainable Energy and	LCA		-
	technologies					P(a)	200	1800	2000	1000	200	5000	P(a)	19500	86500	86500	78000	19500	270500	Climate Change			
4 Training workshops delivered	Capacity building	Worlshops (#)		2018	Agenda and list of	A P	0	50	30	20	0	100	A	12000	175000	175000	123000	18000	503000	Agricultural	LCA		
	sessions on low carbon and sustainable agriculture				participants	P(a)	0	50	30	20	0	100	P(a)	12000	175000	175000	123000	18000	491000	Productivity and Food Security	1		
5 Training workshops delivered	practices delivered	Windshops (8)		2010	Anenda and list of	A							A							Amicultural	LCA		
I fairing workings delivered	mainstreaming sustainable agriculture among	worksnops (#)		2016	participants	P P(a)	4	36	40	20	4	104	P P(a)	19750	78500 78500	78500 78500	78500 78500	19750	275000 255250	Productivity and Food Security	LCA		
	students					A							A										
1.6 Training workshops delivered	Field days carried out with rural	Worlshops (#)	0	2018	Reports from technical assistance	Р	0	100	100	60	0	260	Р	8300	145250	145250	103750	12450	415000	Energy and	LCA		•
	families				providers	P(a)	0	100	100	60	0	260	P(a)	8300	145250	145250	103750	12450	406700	Climate Change			
.7 Training products developed	Technical support	Products (#)		2018	Review of the	A P	0	10	10	5	0	25	A P	5000	153000	123000	60000	0	341000	Agricultural	LCA		
	material produced				training materials produced	P(a)	0	10	10	5	0	25	P(a)	5000	153000	123000	60000	0	336000	Productivity and Food Security			
2 Promotion of Low Carbon Techn	nologies and Sustain	able Practices				A			Physical Pro	umass			A			Financial Pr	naress						
Outputs	Output Description	Unit of Measure	Baseline	Baseline Year			2019	2020	2021	2022	2023	EOP		2019	2020	2021	2022	2023	EOP	Theme	Fund	Flags	
2.1 Pilot interventions mplemented	Demonstration Units supported	Pilots (#)		2018	Progress reports	Р	0	65	65	0	0	130	Р	31000	260000	260000	125000	0	676000		LCA		*
	with technical assistance					P(a)	0	65	65	0	0	130	P(a)	31000	260000	260000	125000	0	645000	Food Security			
2.2 Pilot interventions	Demonstration units implemented	Pilots (#)		2018	Progress report from technical assistance	A P	0	65	65	0	0	130	A P	0	320000	320000	128000	25000	793000	Agricultural Productivity and	LCA		
mpremensed	unia imprementea				providers	P(a)	0	65	65	0	0	130	P(a)	0	320000	320000	128000	25000	793000	Food Security			
.3 Pilot interventions	Multiplying Units	Pilots (#)		2018	Progress reports	A	0	1000	1000	0	0	2000	A	150000	950000	950000	400000	150000	2600000	Agricultural	LCA		
mplemented	supported					P(a)	0	1000	1000	0	0	2000	P(a)	150000	950000	950000	400000	150000	2450000	Productivity and Food Security	1		
						A							A										
2.4 Monitoring and evaluation systems designed	to measure	M&E systems (#)	0	2018	Report detailing the system's features	Р	1	0	0	0	0	1	Р	170000	245000	245000	196000	49000	905000	Productivity and	LCA		•
	emission mitigation in the Cerrado developed					P(a)	1	0	0	0	0	0	P(a)	170000	245000	245000	196000	49000	735000	Food Security			
2.5 Environmental impact	Assessment of the	Assessments (#)	0	2018	Report	A P	338	676	676	676	338	2704	A P	200000	385000	385000	385000	222000	1577000	Agricultural	LCA		
ssessment completed	mitigation potential of low carbon agriculture					P(a)	338	676	676	676	338	2366	P(a)	200000	385000	385000	385000	222000	1377000	Productivity and Food Security	1		
2.6 Seminars organized	technologies and their positive	Seminars (#)			List of awards and	A							A							Antoutural			
2.6 Seminars organized	Awarded to heneficiaries	Seminars (#)			beneficiaries receiving them	Р	0	0	0	0	12	12	Р	0	0	10000	50000	140000	200000	Productivity and Food Security	LCA		
	benericianes				receiving them	P(a)	0	0	0	0	12	12	P(a)	0	0	10000	50000	140000	200000	rood security			
2.7 New financial instruments	Farmers with	Instruments (#)		2018	Progress report	Р	0	250	250	500	0	1000	A P	0	78300	78300	78300	26100	261000	Agricultural	LCA		
developed	improved access to credit				detailing farmers who access credit as a result of proposals	P(a)	0	250	250	500	0	1000	P(a)	0	78300	78300	78300	26100	261000	Productivity and Food Security	1		
					prepared by technical assistance	A							A										
Development of value chains a	Output Description		Raselina	Raseline Year	Means of		2019	2020	Physical Pro	2022	2023	EOP		2019	2020	Financial Pr	ogress 2022	2023	FOP	Theme	Fund	Flags	
.1 Pilot interventions	Farmer organizations	Pilots (#)	0		Agreement with farmer organization	Р	0	13	13	13	13	52	Р	0	383000	383000	383000	190000	1339000		LCA		•
mpremensed	supported with collective benefits				and progress report prepared by the organization	P(a)	0	13	13	13	13	52	P(a)	0	383000	383000	383000	190000	1339000	Food Security			
1.2 Diagnostics and assessments	Studies to (i)	Diagnostics (#)		2018	Diagnostic and	A P	0	1		1	0	3	A P	190000	465000	465000	420000	0	1540000	Sustainable	I CA		
ompleted	identify and evaluate models, norms and use of	,			assessment report	P(a)	0	1	1	1	0		P(a)	190000	465000	465000	420000	0	1350000	Energy and			
	certifications for low carbon					A							A										
3.3 Pilot interventions implemented	Low carbon based value chains	Pilots (#)	0	2018	Progress reports	Р	0	0	3	3	3	9	Р	0	150000	167000	160000	100000	577000	Productivity and	LCA		*
	supported					P(a)	0	0	3	3	3	9	P(a)		150000	167000	160000	100000	577000	Food Security			

Other Cost
Auditing
Other administration costs
Project management

	2019	2020	2021	2022	2023	Cost
Р	\$0.00	\$37,500.00	\$37,500.00	\$37,500.0	0 \$37,500.0	0 #######
P(a)	\$0.00	\$37,500.00	\$37,500.00	\$37,500.0	0 \$37,500.0	0 #######
Α						
P	\$70,000.00	\$148,000.00	\$148,000.0	\$148,000.0	0 \$82,000.0	0 #######
P(a)	\$70,000.00	\$148,000.00	\$148,000.00	\$148,000.0	0 \$82,000.0	0 #######
A						
Р	\$100,000.00	\$234,000.00	\$234,000.0	\$234,000.0	0 \$133,000.0	0 8888888
P(a)	\$100,000.00	\$234,000.00	\$234,000.00	\$234,000.0	0 \$133,000.0	0 #######
Α						
	2019	2020	2021	2022	2023	Total Cost
Р	\$995,550.00	*******	********	*******	********	********

Total Cost		
Contractor	Francisco Contract Indicators	

	PROCUREMENT PLAN FOR NON-REIMBURSABLE	TECHNICAL COOPERATIONS		
Country: Brazil		Executing agency: IABS – Brazilian Institu	ite of Development and Sustainability	Public or private sector: private sector - NGO
Project number: BR-T1409		Title of Project: Low Carbon Agriculture	for Avoided Deforestation and Poverty Reduction in Brazil. Phas	e II - Sustainable Rural Development in the
		Cerrado		
Period covered by the plan: 54 months (48 months of execution)				
Threshold for ex-nost review of procurements:	Goods and serv	ices (in US\$): 6 740 348 73	Consulting services (in LISS): 8 259 651 28	

		e plan: 54 months (48 months of execution) t review of procurements:	1		Goods and servi	ces (in US\$): 6,740,348.73		Consulti	ing services(in US\$): 8,25	9 651 28	
1111 C31101	u ioi ex-pos	treview of procurements.	l		Goods and servi	ces (iii 034). 0,740,340.73	1	Consulti	ing services(iii 035). 0,23	5,031.20	
Item Nº	Ref. AWP	Description (1)	Procurement	Estimated contract cost (US\$)	Procurement Method (2)	Review of procurement (3)	Source of and perconduction IDB/MIF	_	Estimated date of the procurement notice or start of the contract (month)	Technical review by the PTL (4)	Comments
1		Component 1		2,851,000.0	D						
1-G		Goods									
1-G-1	1.1.11; 1.2.6; 1.3.7	Equipments aquisition - to run the server, field visits and support.	Purchase of equipment (server, printers, ipads, plotters, GPS, and others).	44,092.43	IABS's methods		100		2	No	
1-G-2	1.3.5.E	Delivery of awards	GM	83,039.80	IABS's methods		100		16	No	
1-NCS		Non consulting services									
1-NCS-1	1.1.4.A; 1.3.3.A; 1.3.4.D; 1.1.6.E; 1.1.7.D; 1.2.3.A; 1.2.4.C	Design, layout, publishing and registration of the various publications / project materials related to the capacity building activities.	Contracting of specialized services of design, layout, publishing, printing and video production of the material related to the capacity building activities of the project, including registration in the National Library.	219,355.58	IABS's methods		100		10	No	
1-NCS-2	1.1.4.B; 1.2.3.B; 1.3.3.B	Graphic printing of various project materials - capacity building activities.	Contracting of graphic printing services of FSC certified paper material - capacity building activities.	190,408.22	IABS's methods		100		12	No	
1-NCS-3	1.1.4.C; 1.2.3.C; 1.3.3.C	Production of videos for the various actions of the project for capacity building activities.	Contracting specialized services for recording, editing and production of video-documentaries and video-lessons for the capacity building activities.	95,145.06	IABS's methods		100		8	No	
1-NCS-4	1.1.7.C; 1.1.9.B; 1.3.5.D	Organization and execution of the logistics of training actions and events for the master's degree, national and international missions and the schools prize.	Logistics and execution services contracting (including training room, equipment, transportation, lodging and food) for the master's degree, national and international missions and the schools prize.	217,343.24	IABS's methods		100		8	No	
1-NCS-5	1.1.10.C; 1.3.6.B	Execution of communication campaigns - capacity building activities and mainstreaming sustainable agriculture among young people.	Contracting of media services to publicize project actions - radio, print newspapers, social media and local television, for capacity building activities and mainstreaming sustainable agriculture among young people.	146,197.69	IABS's methods		100		14	No	
1-NCS-6	1.3.5.C	Evaluation of proposals received and selection of winners for the school prizes.	Contracting of services for screening, selection and evaluation committee of proposals received and selection of winners for the school prizes. Includes transportation costs, lodging and jury food.	14,092.43	IABS's methods		100		22	No	
1-CS		Consulting services									
1-CS-1	1.1.1.A; 1.1.5.A	Portal Development, e-learning tool and application (s). The Portal includes sections of ATERs, ATECs and agenda.	Contracting of specialized technical programming services for the development of the web portal, registration section of ATERs and ATECs, e-learning sections, agenda, application.	58,829.27	IABS's methods		100		3	No	
1-CS-2	1.1.1.B; 1.1.5.B	Management and monitoring of the Portal and e- learning. The Portal includes sections of ATERs, ATECs.	Contracting technical services specialized in programming for monitoring and management of the portal, registration section of ATERs and ATECs, and of systems for e-learning courses (24 months).	100,934.53	IABS's methods		100		8	No	
		l .	,		1		1	ı	I	1	l

1.15									7	
1-25 1-25		1.1.6.A;	Communication, dissemination and awareness rasing of	Contracting specialized technical communication services to						
1-25 1-25		1.1.10.A:	several project activities for ATERs and ATECs, trainings	deliver communication, dissemination and project mobilization						
10.5 1.5										
1.00 1.00	1-CS-3	-	and prize for scriools.	actions for trainings and school awards.	98,566.11 IABS's	s methods	100	 4	No	
1.0. 1.0.										
Section Company Comp		1.3.5.B;								
Section Company Comp		1.3.6.A								
Section Company Comp			Technical and academic execution of several training	Contracting of facilitation services, instructors and logistics and						
1.4			g .							
1.10 1.10										
1.00 1.00			· · ·							
1.1. 1.1.		1.1.6.C;	and seminars for public managers; training sessions	project exchange actions.						
1.1. 1.1.		1.1.6.D;	with farmers in the form of Field Days and Interchange;				400			
1.1.1.1	1-CS-4				836,092.43 IABS's	s methods	100	 14	No	
1.00 1.00			· · · · · · · · · · · · · · · · · · ·							
Include to lower, communications, comparison and communications are controlled in communications and communications are communicated in communications and communications are communicated in communications are communicated and communi		-	• •							
Part										
Uniquenest and content of their terminal content of the transport of their terminal content of the transport of their terminal content of their te			(including training room, equipment, transportation,							
11-50 11-5			lodging and food).							
1.1.			Elaboration of content of the training material and	Consultancy to elaborate the content of the technical and						
1.1.				teaching contents of books, handbooks, booklets, infographics						
1.25 1.25										
1.0		1.1.3:		_						
1.33 Control granulative Intelligence Intel	1-CS-5	122	empowerment actions and mainstreaming of low	the didactic material and support for the empowerment actions,	73 039 80 IABS's	s methods	100	 12	No	
A			carbon agriculture.	including booklets, infographics, video (s), app (s); and content						
Lines Column Controlling and the regulation for social controlling		1.3.2		of didactic material and support for mainstreaming actions,						
Lines Column Controlling and the regulation for social controlling										
Color 12.5 Colo										
1.5.56 1.5.5. 1	-		Elaboration and launch of the regulation for set = -1							
Transaction aurithogological earlige at the interince contracting of operational transfer and the format of the training account and the following and the following accounts of the contracting of operations to find the following accounts of the contracting of operations to find the following accounts of the contracting of operations to find the following accounts of the contracting of operations to find the following accounts of the contracting operations of the contracting operati			_		40.400.00			•		
frainting program and other training statistics (according of the course graphs, training and states) 1.15.7 1.15.7 1.15.1 1.15	1-CS-6	1.3.5.A	prize.	and validation of regulations for the school award.	10,408.22 IABS's	s methods	100	 8	No	
frainting program and other training statistics (according of the course graphs, training and states) 1.15.7 1.15.7 1.15.1 1.15										
frainting program and other training statistics (according of the course graphs, training and states) 1.15.7 1.15.7 1.15.1 1.15			Technical-methodological design of the technical	Contracting of specialized technical services for the technical-				· _		
s program of conces and tening activities (raining of the MTCs - themses, Tark TCs - t			training program and other training actions. It includes							
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2-G-1 2.1.6; 2.2.7; 2.3.7; 2.4.9 and support. Purchase of equipment (server, printers, ipads, plotters, GPS, and others). Purchase of equipment (server, printers, ipads, plotters, GPS, and others). 68,355.08 IABS's methods 2-G-2 2.6.6 Delivery of the prize (s) - resources for best practices award. Acquisition of inputs to support winners of the best practices award. 75,723.50 IABS's methods 2-G-3 2.1.3 Support to Demonstration Units Acquisition of inputs to support and adapt the selected DUs (to be used as research base, Field Days and project events) - 202,039.29 IABS's methods 100 16 No										
2-G-2 2-G-3 2.1.3 Support to Demonstration Units and others). and others). and others). be used as research base, Field Days and project events) - be used as research base, Field Days and project events) - be used as research base, Field Days and project events) - contact the best practices and others). 100 30 No 100 30 No 100 16 No		2.1.6:		Durchase of equipment /server printers in the minters COS						
2.3.7; 2.4.9 and others). 2-G-2 2.6.6 Delivery of the prize (s) - resources for best practices award. Support to Demonstration Units Acquisition of inputs to support winners of the best practices award. Acquisition of inputs to support and adapt the selected DUs (to be used as research base, Field Days and project events) - 202,039.29 IABS's methods 100 16 No	2-G-1	2.2.7;	απα συρροτε.		68,355.08 IABS's	s methods	100	 2	No	
2-G-2 2.6.6 Delivery of the prize (s) - resources for best practices award. Support to Demonstration Units Acquisition of inputs to support winners of the best practices award. Acquisition of inputs to support and adapt the selected DUs (to be used as research base, Field Days and project events) - 202,039.29 IABS's methods 100 30 No No No No				and others).						
2-G-2 2.6.6 award award. Acquisition of inputs to support and adapt the selected DUs (to be used as research base, Field Days and project events) - 202,039.29 IABS's methods 100 16 No		,						 		
2-G-2 2.6.6 award award. Acquisition of inputs to support and adapt the selected DUs (to be used as research base, Field Days and project events) - 202,039.29 IABS's methods 100 16 No	2.00	200	Delivery of the prize (s) - resources for best practices	Acquisition of inputs to support winners of the best practices	75 700 50		400	 20	A1 -	
2-G-3 2.1.3 Support to Demonstration Units Acquisition of inputs to support and adapt the selected DUs (to be used as research base, Field Days and project events) - 202,039.29 IABS's methods 100 16 No	2-G-2	2.6.6			/5,/23.50 IABS's	s metnods	100	 30	No	
2-G-3 2.1.3 be used as research base, Field Days and project events) - 202,039.29 IABS's methods 100 16 No						<u> </u>				<u> </u>
	2 (2		Support to Demonstration Offics		202 020 20 14 004	mathads	100	16	No	
average of 4 UDs per microregion.		Z.1.5			202,039.29 IABS 9	metrious	100	 10	INU	
	2-0-3								•	

2 NCC		Non consulting comittee			I	1	1			
2-NCS		Non consulting services Graphic printing of the various project materials	Contracting of graphic printing consists of ECC contified							
2_NCC 1	2.3.3.B;	Graphic printing of the various project materials - assistance on management of rural properties, credit	Contracting of graphic printing services of FSC certified paper	79,934.03 IABS's methods		100		12	No	
2-NCS-1	2.5.4.C	lines and tax incentives.	material - assistance on management of the rural properties, credit lines and tax incentives.	79,954.U5 IABS S Methods		100		12	NO	
	2.1.4.A;	Design, layout, publishing and registration for the	Contracting of specialized services for design, layout, publishing, printing and video production of materials, including registration							
	2.3.3.A;	Units presentation material, results and registration of	in the National Library - Demonstrative Units presentation							
2-NCS-2	2.5.4.B;	-	· · · · · · · · · · · · · · · · · · ·	110 107 10 IABS's mothods		100		10	No	
2-NC5-2	2.6.7;	events and training actions, assistance on management	-	110,197.19 IABS's methods		100		10	No	
	2.1.4.D;	of the rural properties, R & D actions, lines of credit,	assistance of the management of the rural properties, R & D							
	2.4.6.B	financing and tax and tax incentives, and good practices								
		prize.	good practices prize.							
2 1100 2	2226	Production of videos for the various project activities	Contracting specialized services for recording, editing and	44 542 00 14 85/		400		0	N1 -	
2-NCS-3	2.3.3.C	related with technical assistance on farm management	production of video-documentaries and video-lessons for	11,512.98 IABS's methods		100		8	No	
	2425	One of all and the second and the leaders of the leaders	assistance on farm management							
	2.1.2.E;	Organization and execution of the logistics of training	Logistics and execution services contracting (including training							
	2.1.7.B;	_	room, equipment, transportation, lodging and food) for							
	2.2.8.B;	site evaluation of Demonstration Units, Multiplication	monitoring of field activities, on-site evaluation of Uds, Ums,							
	2.4.1;	Units, research and development activities, institutional	· ·	252 422 42 14 54		400		40		
2-NCS-4	2.4.4.E;	articulation activities for lines of credit and other	activities for lines of credit and other possibilities for financial	853,129.19 IABS's methods		100		12	No	
	2.4.5.B;	possibilities for financial support, and good practices	support, and good practices prize awards event.							
	2.4.7.B;	prize awards event.								
	2.5.3;									
 	2.6.5									
l	2.1.5.B;	Execution of communication campaigns for DUs and	Contracting of media services to publicize project actions - radio,							
2-NCS-5	2.2.6.B	MUs	print newspapers, social media and local television, for DUs and	91,512.98 IABS's methods		100		14	No	
			MUs							
		Evaluation of proposals received and selection of	Contracting of services for screening, selection and evaluation							
2-NCS-6	2.6.4	winners for the good practices prize.	committee of proposals for evaluation of proposals received and	3,091.92 IABS's methods		100		20	No	
2	2.0		selection of winners for the school prizes. Includes	3,031.32		100		20		
			transportation costs, lodging and jury feeding (s)							
		Holding events and workshops on project actions for	Contracting of facilitation services, instructors, registration and							
	2.4.6.A;	research and development and for lines of credit and	logistics and executiofor events and workshops on project							
2-NCS-7	2.5.2	other possibilities for financial support.	actions for research and development and for lines of credit and	65,723.50 IABS's methods		100		20	No	
	2.5.2		other possibilities for financial support (including room for the							
			avent agricoment transport ladeine and feed)							
			event, equipment, transport, lodging and food).							
2-CS		Consulting services								
2-CS	2.1.2.A;	Portal Development - sections of UDs, UMs, training	Contracting technical services specialized in programming for							
2-CS	2.1.2.A; 2.2.2.A;	-								
2-CS		Portal Development - sections of UDs, UMs, training	Contracting technical services specialized in programming for	107,302.45 IABS's methods		100		3	No	
	2.2.2.A;	Portal Development - sections of UDs, UMs, training	Contracting technical services specialized in programming for portal development - registration section and selection of UDs	107,302.45 IABS's methods		100		3	No	
	2.2.2.A; 2.2.3.B;	Portal Development - sections of UDs, UMs, training	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an	107,302.45 IABS's methods		100		3	No	
	2.2.2.A; 2.2.3.B; 2.2.3.C;	Portal Development - sections of UDs, UMs, training	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and	107,302.45 IABS's methods		100		3	No	
	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award.	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award.	107,302.45 IABS's methods 72,565.61 IABS's methods		100		3	No No	
2-CS-1	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for					-		
2-CS-1	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section.					-		
2-CS-1	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section.	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section.					-		
2-CS-1	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the					-		
2-CS-1 2-CS-2	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization	72,565.61 IABS's methods		100		8	No	
2-CS-1 2-CS-2	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs,	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the	72,565.61 IABS's methods		100		8	No	
2-CS-1 2-CS-2	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs,	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the	72,565.61 IABS's methods		100		8	No	
2-CS-1 2-CS-2	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize.	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize.	72,565.61 IABS's methods		100		8	No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B;	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize.	72,565.61 IABS's methods 93,881.40 IABS's methods		100		8	No No	
2-CS-1 2-CS-2	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of	72,565.61 IABS's methods		100		8	No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary	72,565.61 IABS's methods 93,881.40 IABS's methods		100		8	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary	72,565.61 IABS's methods 93,881.40 IABS's methods		100		8	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary	72,565.61 IABS's methods 93,881.40 IABS's methods		100		8	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance).	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions.	72,565.61 IABS's methods 93,881.40 IABS's methods		100		8	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation,	72,565.61 IABS's methods 93,881.40 IABS's methods		100		8	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation,	72,565.61 IABS's methods 93,881.40 IABS's methods		100		8	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers)	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods		100		8 4	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods		100		8 4	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers)	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods		100		8 4	No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods		100		8 4	No No	
2-CS-2 2-CS-3 2-CS-4	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives.	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives.	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods 68,618.24 IABS's methods		100		8 8 8	No No No	
2-CS-1 2-CS-2 2-CS-3	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.2.6.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Elaboration of content of the training material and support for the diverse actions of the project. Included	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Contracting specialist to elaborate the content of the didactic material and support for the actions of the actions of assistance	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods		100		8 4	No No	
2-CS-2 2-CS-3 2-CS-4	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Elaboration of content of the training material and support for the diverse actions of the project. Included here are the contents for technical assistance in	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives.	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods 68,618.24 IABS's methods		100		8 8 8	No No No	
2-CS-2 2-CS-3 2-CS-4	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Elaboration of content of the training material and support for the diverse actions of the project. Included here are the contents for technical assistance in property management.	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Contracting specialist to elaborate the content of the didactic material and support for the actions of the actions of assistance of management of the rural properties.	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods 68,618.24 IABS's methods		100		8 8 8	No No No	
2-CS-1 2-CS-2 2-CS-3 2-CS-4 2-CS-5	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Elaboration of content of the training material and support for the diverse actions of the project. Included here are the contents for technical assistance in property management.	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Contracting specialist to elaborate the content of the didactic material and support for the actions of the actions of assistance of management of the rural properties.	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods 68,618.24 IABS's methods 8,881.40 IABS's methods		100 100 100		8 4 8 14	No No No	
2-CS-2 2-CS-3 2-CS-4	2.2.2.A; 2.2.3.B; 2.2.3.C; 2.6.2 2.1.2.B; 2.2.2.B; 2.2.3.D 2.1.5.A; 2.3.6; 2.4.4.B; 2.6.3 2.2.3.A; 2.3.1	Portal Development - sections of UDs, UMs, training actions, technical assistance and good practices award. Management and monitoring of the Portal - sections UDs and UMs and rural Technical assistance Management section. Communication, dissemination and awareness rasing of several project activities, including that related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Technical-methodological design of the technical training program and other training actions. It includes methodology of individualized technical assistance and for the group of UM producers of the project; and actions of management of the rural properties (integrated to the technical assistance). Technical and academic execution of several training actions, empowerment, technical assistance and project interchange. This includes state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Elaboration of content of the training material and support for the diverse actions of the project. Included here are the contents for technical assistance in property management.	Contracting technical services specialized in programming for portal development - registration section and selection of UDs and UMs, rural Technical assistance Management section, an individualized technical assistance management application and good practices award. Contracting technical services specialized in programming for monitoring and management of the portal - sections UDs and UMs and rural Technical assistance Management section. Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization actions related to the mobilization for actions directed to the UDs and UMs, research and good practices prize. Contracting of specialized technical services in a format of consultancies for the technical-methodological design of mainstreaming actions of sustainable agriculture for primary and secondary education institutions. Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for state / microregional events of UDs presentation; project Atecs (multipliers) training on property management; and project Atecs trainings on financing lines and tax and tax incentives. Contracting specialist to elaborate the content of the didactic material and support for the actions of the actions of assistance of management of the rural properties.	72,565.61 IABS's methods 93,881.40 IABS's methods 25,197.19 IABS's methods 68,618.24 IABS's methods		100		8 8 8	No No No	

		Monitoring of field activities.	Contracting specialized technical services for the management					
	2.2.1.A;		and monitoring of field activities.					
2-CS-8	2.3.8;			1,075,070.87 IABS's methods	100	 4	Yes	
	2.4.10;							
	2.5.7	Elaboration and launching of regulations for best	Contracting of specialized technical services for the elaboration					
		practices award, announcements of Demonstration	and validation of regulations, edicts and terms of reference for					
2-CS-9	•	Units, Multiplying Units, and terms of reference and	various project activities - best practices award,	44,144.56 IABS's methods	100	 8	No	
2 03 3		plans of work of R & D	announcements of DUs and MUs, and terms of reference and	44,144.56 I/(B3 5 Methods	100	· ·	110	
	2.6.1	plans of Work of N & B	plans of work of R & D.					
		Activities of inspection of rural technical assistance	Activities of inspection of rural technical assistance (including					
2-CS-10	2.2.3.F	'	logistics and administrative expenses).	62,207.71 IABS's methods	100	 18	No	
	2.1.2.D;	Conducting selective processes, screening and	Conducting selective processes, screening and documentation					
	2.1.8;	documentation verification of proposals of Dus, Mus,	verification of proposals of Dus, Mus, and research and					
2-CS-11		and research and development projects, and	development projects, and supporting and monitoring of	166,039.29 IABS's methods	100	 6	No	
		supporting and monitoring of selected R&D projects.	selected R&D projects.					
	2.4.4.F							
		Specialized technical evaluation of the Mus proposals	Contracting services for evaluations of proposals of MUs and					
2 66 42		and results of the Mus implemented and the proposed	evaluation of technical assistance reports focused on ILPF	126 240 02 14 05/2	100	10	N-	
2-CS-12	2.2.9; 2.4.4.D	R & D projects.	technology (form); supervision of the technical assistance process (on-site samples and evaluation with the producer, and	126,249.82 IABS's methods	100	 10	No	
	2.4.4.0		evaluation of the reports).					
		Execution of rural technical assistance in groups of 20	Contracting of rural technical and logistic assistance services					
2 65 45	2.2.3.E;	to 30 producers (UMs), including technical assistance	(including travel, food, technical visits, equipment) to producer	4.250.024.02	400	4.	.,	
2-CS-13		actions on property management, productive chains	groups registered as Project MUs (about 100 groups of 20	1,259,934.03 IABS's methods	100	 14	Yes	
		and nexus in the selected units.	producers x 4 visits per year x 2 years).			 		
		Mapping and analysis of structure and personnel of R &	Contracting of specialized technical services to conduct					
2-CS-14	2.4.2;	D institutions by theme and state / microregions, and	secondary data collection, application of questionnaires and	52,039.29 IABS's methods	100	 12	No	
2-03-14	2.4.3	survey and analysis of R & D demands and priorities by	analysis with local and local institutions and actors.	32,039.29 IAB3 3 Methods	100	 12	NO	
		theme and state / microregions.						
	2.4.5.C;		Contracting specialized technical services to carry out studies on					
2 00 45	2.4.5.D;	project: analysis of results of project processes and	different areas related to the project - impact assessment; lines		100	40		
2-CS-15	251	geospatial information management; impact	of credit and other possibilities for financial support.	318,881.40 IABS's methods	100	 10	No	
	2.5.4.A	assessment; lines of credit and other possibilities for financial support.						
		Conduct of research: parameters of emission by	Contracting specialized technical services to carry out research					
	2.4.5.E;	technology / region in units of research of Embrapa;	on different areas related to the project.					
2-CS-16		emission parameters by technology / region in UDs of		838,881.40 IABS's methods	100	 12	Yes	
		the project; and technological models of ILPF, property		, , , , , , , , , , , , , , , , , , , ,				
		management and nexus.						
2-OA		Others: Agreement						
2-OA-1	2.4.4.G	Economic support for selected R & D projects (2	Agreement or contract with institutions to support R&D	1,049,407.71 IABS's methods	100	 12	Yes	
	2.4.4.0	editions).	projects.	1,045,407.71 IABS 3 IIICIII0us	100	12	103	
2-OS		Others: Agreement						
2-OS-1	2.4.8	Support for technical / academic events	Contracting logistics services to support technical / academic	76,280.79 IABS's methods	100	 14	No	
			events, including transportation, food and accommodation.					
3		Component 3		3,456,000.00				
3-NCS		Non consulting services		-,0,000.00				
		Design, layout, publishing and registration for various	Contracting of specialized services for design, layout, publishing,					
1		publications / project materials - diagnoses and	printing and video production of materials for various project					
		prognoses by micro-regions of the project, results of	activities, including registration in the National Library -					
3-NCS-1		collective action support, orientations and models	diagnoses and prognoses by micro-regions of the project,	138,518.82 IABS's methods	100	 12	No	
3 1,63 1		about the certification and results and registration of	results of collective action support, orientations and models				110	
	3.2.6.B	the certification.	about the certification and results and registration of the					
			certification.					
		Graphic printing of the various project materials -	Contracting of graphic printing services of FSC certified paper					
3-NCS-2	3.2.6.C	orientations and models about the certification and	material - orientations and models about the certification and	22,631.58 IABS's methods	100	 15	No	
5 2	3.2.0.0	results and registration of the certification.	results and registration of the certification.		200	-5		
	3.1.2;	Organization and execution of logistics for events	Logistics and execution services contracting (including training					
		related with collective demands and certification.	room, equipment, transportation, lodging and food) for events					
3-NCS-3	3.2.2.B;		related with collective demands and certification.	215,418.03 IABS's methods	100	 8	No	
	3.2.5;							
	3.2.11.C							
		Execution of communication campaigns for	Contracting of media services to publicize project actions - radio,					
3-NCS-4	3.2.11.B	certification.	print newspapers, social media and local television, for	35,526.32 IABS's methods	100	 14	No	
i 1		İ	certification.					<u> </u>

3-NCS-5	3.1.1.D; 3.2.3	Holding events and workshops related with collective benefits diagnosis, presentation and certification options.	Contracting of facilitation services, instructors, registration and logistics, and execution of events and workshops for collective benefits diagnosis, presentation and certification options (including rooms for the event, equipment, transport, accommodation and food).	68,421.05	IABS's methods	100		12	No	
3-CS 3-CS-1	3.1.3.B; 3.2.10.A	Consulting services Development of app and functionalities in the Portal for collective demands / connection of supply and demand of products and services, and development of app in the certification dissemination Portal.	app and Portal development, sections for collective demands / connection of supply and demand of products and services, and development of app in the certification dissemination Portal.	81,578.95	IABS's methods	100		3	No	
3-CS-2		Management and monitoring of the Portal and app- section collective demands / connection of supply and demand of products and services.	Contracting technical services specialized in programming for monitoring and management of the portal - section collective demands / connection of supply and demand of products and services.	105,263.16	IABS's methods	100	-1	8	No	
3-CS-3	3.1.3.D; 3.1.3.F; 3.1.3.I	Public launch of notice for collective demands. Conducting selective processes, screening and documentation verification of proposals of collective demands.	Contracting technical and administrative services in a format of consultancies for public launch of notice for collective demands, conducting selective processes, screening and documentation verification of proposals of collective demands.	101,557.89	IABS's methods	100		18	Yes	
3-CS-4	3.1.3.E; 3.2.11.A	Communication, dissemination and awareness raising of project activities related to collective benefits and certification.	Contracting specialized technical services in communication to deliver communication, dissemination and project mobilization related with collective benefits and certification.	52,452.63	IABS's methods	100		12	No	
3-CS-5	3.2.7; 3.2.8	Technical and academic execution of courses on certification methodology and lectures and seminars for public managers.	Contracting of facilitation services, instructors and logistics and execution (including training room, equipment, transportation, lodging and food) for courses on certification methodology, and lectures and seminars for public managers.	79,368.42	IABS's methods	100		24	No	
3-CS-6	3.2.6.A	Elaboration of contents of training material and support for training on certification methodology.	Contracting of specialized technical services for the preparation of the technical-didactic content on the certification methodology built.	14,210.53	IABS's methods	100		12	No	
3-CS-7	3.2.2.A	Technical and institutional organization of missions for certification development (2 national and 2 international).	Contracting of specialized technical services for the identification, articulation and executive organization of technical missions for certification development.	8,421.05	IABS's methods	100		10	No	
3-CS-8	3.1.3.G; 3.1.3.K	Specialized technical evaluation of the proposals for collective demands received and the selection of award recipients, and supervision of the application of the resources invested in collective demands	Contracting services for evaluations and supervision of the collective investments supported.	101,052.63	IABS's methods	100		12	No	
3-CS-9	3.1.1.B; 3.2.1	Elaboration of studies on different areas related to the project: diagnosis - prognosis by microregion; and models, norms and use of certifications, denominations of origin and others.	Contracting specialized technical services to carry out studies on different areas related to the project - diagnosis - prognosis by microregion; and models, norms and use of certifications, denominations of origin and others.	427,368.42	IABS's methods	100		10	Yes	
3-CS-10	3.1.1.A; 3.1.3.A; 3.2.4	Technical-methodological design of diagnoses and prognoses of local demands; of the process of attendance of collective demands and edict of selective process; and new proposals (or adequacy) and models of certification proposal.		41,052.63	IABS's methods	100		12	No	
3-CS-11	3.2.9	Pilot certification implementation in UDs, UMs and producer groups.	Contracting of specialized technical services for the implementation, registration and pilot evaluation of certification in Dus, MUs and producer groups	47,368.42	IABS's methods	100		26	No	
3-OA-1	3.1.3.J	Others: Agreement Economic support for selected collective support actions and investments.	Agreement or contract with institutions to support selected collective actions and investments.	1,915,789.47	IABS's methods	100		12	Yes	
4		Project Execution Unit		1,681,000.00						
4-NCS		Non consulting services		_,001,000.00						
4-NCS-1	4.2	states and microregions).	Physical and support structure (includes headquarters, states and microregions).	596,000.00	IABS's methods	100		1	No	
4-CS 4-CS-1	4.1	Consulting services Project management team (gross values with corporate tax).		935,000.00	IABS's methods	100		1	No	
4-CS-2 4.3 Auditing				150,000.00	SBCC			<u> </u>	<u> </u>	
(4) (Total	ware, publications, travel, etc. If there are a number of similar individual	15,000,000.00	Prepared by: Oct		Date: 8 May 2			

(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 column indicating the average individual amount and the period during which the contract would be executed. For example: an export promotion project that includes travel to participate in fairs would 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) <u>Country system:</u> 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) <u>Technical review</u>: 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.

LOW CARBON AGRICULTURE FOR AVOIDED DEFORESTATION AND POVERTY REDUCTION IN BRAZIL. PHASE II - SUSTAINABLE RURAL DEVELOPMENT IN THE CERRADO

BR-T1409

CERTIFICATION

I hereby certify that this operation was approved for financing under the Phase II: Low Carbon Agriculture for Avoided Deforestation and Poverty Reduction Fund (LCA) through a communication dated May 17, 2019 and signed by Felipe Caicedo (ORP/GCM). Also, I certify that resources from said fund are available for up to US\$15,000,000 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, representing a risk that will not be absorbed by the Fund.

Certified by:	* Original signed *	May 17, 2019
	Sonia M. Rivera	Date
	Chief	
	Grants and Co-Financing Management Unit	
	ORP/GČM	

DOCUMENT OF THE INTER-AMERICAN DEVELOPMENT BANK

PROPOSED RESOLUTION DE-___/19

Agriculture	for Avoided Deforestation	able Technical Cooperation. on and Poverty Reduction in Development in the <i>Cerrad</i>	Brazil.
The Board of Ex	ecutive Directors		
RESOLVES:			
authorized, in the name may be necessary with Livestock, and Food Development and Sust measures as may be p AT with respect	e and on behalf of the Book the Federative Republication (MAPA), as be ainability (IABS) as the ertinent for the execution to the technical cooperation.	such representative as he stank, to enter into such controllic of Brazil, through its Minimeneficiary, and with the Bracexecuting agency, and to tan of the project proposal conteration "Low Carbon Agriculation".	act or contracts as stry of Agriculture azilian Institute o ke such additiona ained in documen ulture for Avoided
US\$15,000,000, charge Avoided Deforestation	eable to the resources and Poverty Reduction	ooperation will be for an of the Phase II: Low-carb Fund, as per the terms of overnment of the United King	on Agriculture for the Administrative
	(Adopted on	2019)	

LEG/SGO/CSC/EZSHARE-620307903-37765 BR-T1409