

TC Document

I. Basic Information for TC

▪ Country/Region:	Suriname/CCB
▪ TC Name:	Support of Agricultural Competitiveness Program
▪ TC Number:	SU-T1084
▪ Team Leader/Members:	Cesar Falconi (INE/RND, Team Leader; Carmine Paolo de Salvo (INE/RND); Sybille Nuenninghoff (RND/CBL); Lisa Sofia Restrepo (INE/RND); Carol Nijbroek (CCB/CSU); Steven R. Hofwijks (CCB/CSU); and Monica Lugo (LEG/SGO)
▪ Indicate if: Operational Support, Client Support, or Research & Dissemination	Operational Support
▪ If Operational Support TC, give number and name of Operation Supported by the TC:	Agricultural Competitiveness Program (SU-L1020)
▪ Date of TC Abstract authorization:	March 20, 2016
▪ Beneficiary (countries or entities which are the recipient of the technical assistance):	Ministry of Agriculture, Animal Husbandry and Fisheries (LVV) of Suriname
▪ Executing Agency:	INE/RND
▪ Donors providing funding:	Food Security Fund (FOD)
▪ IDB Funding Requested:	US\$200,000
▪ Local counterpart funding, if any:	none
▪ Disbursement period (which includes Execution period):	18 months
▪ Required start date:	April 1, 2016
▪ Types of consultants:	Individual
▪ Prepared by Unit:	INE/RND
▪ Unit of Disbursement Responsibility:	INE/RND
▪ TC Included in Country Strategy (y/n):	yes
▪ TC included in CPD (y/n):	no
▪ GCI-9 Sector Priority:	i) support to small and vulnerable countries; ii) poverty reduction and equity enhancement; iii) support for regional cooperation and integration; and iv) environmental protection, climate change response and increased food security.

II. Description of the Associated Loan

- 2.1 The proposed Operational Support-Technical Cooperation's (OS-TC) products are essential inputs to help design and implement the investment loan (SU-L1020). Investments foreseen in SU-L1020 will complement the set of policy reforms executed as part of the programmatic loans (SU-L1033 and SU-L1032), focusing on productivity enhancing instruments such as productive infrastructure, modern technological packages and sanitary and phytosanitary measures (SPS). The operation is aligned with the 2011-2015 Country Strategy GN-2637-3, contributing to increase food security by increasing productivity among agricultural producers. The studies financed through the proposed OS-TC will help define the final scope of the loan SU-L1020. Therefore, as not to delay the preparation of the loan, the proposed OS-TC is being prepared outside of the corresponding ERM.

III. Objectives and Justification of the TC

- 3.1 Notwithstanding the performance of the mining sector, Suriname needs to generate sustained growth in non-extractive sectors. Of particular importance is the agricultural sector,¹ which accounts for 10% of total export earnings, second to mining; and represents 17% of the labor force. The share of agriculture in total GDP has been slightly decreasing in recent years and represented 9% in 2014 (Suriname Central Bank, 2014). Most agricultural production takes place along the coastal plains.² Despite its importance, the agricultural sector declined consistently between 1991 and 2002. A growth path was recovered from 2003 to 2014, but, with the exception of 2014, agricultural growth has constantly been lower than GDP growth in recent years (Suriname Central Bank, 2014). In addition, the sector's total factor productivity (TFP) annual growth rate is currently one of the lowest in the region and was null during the period 1980-2012. It is also important to highlight that the TFP has shown an increase during 2001-2012 but it still remains at a similar level reached in 1991.
- 3.2 The economic literature presents ample evidence on the link between agricultural services and agricultural productivity and competitiveness. A compilation of studies analyzing the impact of different programs of agricultural health financed by the Bank in Peru, Ecuador, Uruguay and Belize presents positive evidence on the impact these interventions have (OVE, 2009). Similarly, research has been shown to be one of the key determining factors of improvements in agricultural productivity over the past 40 years (Heisey, 2001). The low quality of agricultural services can be identified as a driver of the low agricultural total factor productivity growth in Suriname.
- 3.3 To improve the performance of Suriname's agricultural sector, its productivity needs to be increased and also access to new international markets expanded. To tackle these issues, the Government of Suriname (GOS) has identified the need to implement a medium term investment and policy reform strategy that will help promote private farm investment; one of the investments is related to the improvement of the provision of public services such as agricultural research and technology transfer and plant and animal health and food safety.
- 3.4 The objective of the proposed OS-TC is to provide support to assess the quality of Suriname's agricultural services (plant health, animal health, food safety and agricultural innovation services) that contribute to agricultural competitiveness, and to design investment interventions to enhance the sector's competitiveness and productivity. In this respect, those topics are key areas for the Food Security Fund (FOD). In addition, the proposed OS-TC will support the formulation of specific impact and outcomes indicators and their values for the investment program (Loan Operation SU-L1020) such as: (i) percentage increase in agricultural sector total factor productivity and competitiveness; and (ii) improvement in agricultural health systems measured by the assessments of the Veterinary and Phytosanitary Services conducted by the World Organization for Animal Health (OIE) and the Inter-American Institute for Cooperation in Agriculture (IICA), among others. The proposed OS-TC will directly support the design of the Agricultural Competitiveness Program (SU-L1020).

¹ Agricultural sector includes: agriculture, livestock, and fisheries.

² More than 90% of total area under agricultural production lies along the Coastal Plains (Department of Agricultural Statistics of the Ministry of Agriculture of Suriname).

IV. Description of activities/components and budget

- 4.1 The proposed OS-TC is structured under two components: (i) Technical Design; and (ii) Feasibility analysis:
- 4.2 Component 1. Technical design: The specific objective of this component is to generate diagnostic studies and operational proposals to design the scope of each of the activities of the investment program. The activities funded under this component include consultancies for the preparation of the following studies: (i) Diagnostic of the current plant health service and the design for strengthening of the plant health service of LVV; (ii) Diagnostic of the current animal health service and the design for strengthening of the animal health service of LVV; (iii) Diagnostic of the food safety service and the design for strengthening of the food safety within LVV and Ministry of Health; and (iv) Proposal for strengthening of agricultural innovation capacity.
- 4.3 Component 2. Feasibility analysis: The specific objective of this component is to assess the financial, economic, environmental and social sustainability of the interventions to be financed under the investment program, along with the institutional capacity of the institutions involved. For this purpose, the component seeks to finance the following activities: (i) plan for impact evaluation, detailing the methodology and costs; (ii) economic evaluation of the program; (iii) analysis of environmental and social impact of the program and preparation of the Environmental and Social Management Plan (ESMP); and (iv) institutional analysis of LVV.

Indicative Results Matrix

TC Objective	The TC will help to design the loan program SU-L1020. The loan program is expected to contribute to improved sanitary and phytosanitary standards and food safety service and agricultural innovation. The aforementioned are key areas of intervention of the FOD.			
Outcome Indicator statement	Indicator	Baseline (2016)	Goal (2017)	Means of Verification
Design of the Loan operation (SU-L1020) completed	Loan operation Number	0	1	Bank's approval system
Proposals for strengthening LVV's plant and animal health and food safety services approved by the corresponding authorities.	Proposal number	0	4	Proposals completed and added to RND archives

TC Output Indicator Statement	Indicator	Baseline (2016)	Goal (2017)	Means of Verification
Component 1: Technical Design				
Products: Technical studies completed	Number of studies	0	4	Studies evaluated and added to RND archives
Component 2: Feasibility Analysis				
Products: Feasibility studies completed	Number of studies	0	4	Studies evaluated and added to RND archives

- 4.4 The budget for the proposed TC is US\$200,000 as detailed in the following table.

Indicative Budget (in US\$)

Component	Description	IDB/Fund Funding	Counterpart Funding	Total Funding
Component 1. Technical Design	Consultancies	110,000	-	110,000
Component 2. Feasibility Analysis	Consultancies	90,000	-	90,000

V. Executing agency and execution structure

- 5.1 In order to support the Ministry of Agriculture (LVV) in the process of designing the proposed operation, the IDB through the Natural Resources and Rural Development Division (RND) will be the executing agency of the OS-TC. This arrangement, which was requested by the GOS, as stated in the attached letter, will contribute to timely execute the activities making sure the studies and assessments needed for the preparation of the investment operation comply with the quality standards needed to move forward with the preparation of the investment operation. It will also help to provide at the same time technical assistance to the Ministry of Agriculture to strengthen its capacity and awareness of the process and policies of the Bank. Moreover, RND has executed and is currently executing similar TCs with an excellent track-record in the deliverables, including the SU-L1064, DR-T1089 and UR-T1172. During execution of the technical cooperation, the Bank team will share with the GOS the terms of reference of the studies to be carried out, consultants experience and findings, and intermediate and final reports produced in the different studies. Cesar Falconi (INE/RND) and Carmine Paolo De Salvo (INE/RND) will jointly share execution responsibilities of the proposed OS-TC; supervision budgetary needs will be provided by INE/RND.
- 5.2 The Bank, as executing agency, will hire the consulting services required by the operation in accordance with the Bank's current procurement policies and procedures. The procurement plan is presented in the required annexes. Supervision, monitoring and evaluation of the OS-TC will be performed by INE/RND, which will be responsible for all aspects related to obtaining the TC outputs. A final report will be produced within the disbursement period. Required documentation will be kept in RND archives.

VI. Major issues

- 6.1 No risks are expected in the execution of this OS-TC. The government is giving high priority to the operation that is supported by the OS-TC. Therefore active participation of technical counterparts is expected in order to complement the work carried out by consultants and the Bank team to complete the design in a timely manner.

VII. Exceptions to Bank policy

- 7.1 There are no exceptions to Bank policy.

VIII. Environmental and Social Strategy

- 8.1 In compliance with the Bank's safeguard policy, the proposed OS-TC has been classified as [category "C"](#). No environmental assessments studies or consultations are required. The OS-TC includes resources to carry out environmental and social analysis studies required in the preparation of the supported loan operations.

Required Annexes:

- [Letter of Request](#)
- [Terms of Reference](#)
- [Procurement Plan](#)

Optional Annex:

- [Detailed Budget](#)

SUPPORT OF AGRICULTURAL COMPETITIVENESS PROGRAM

SU-T1084

CERTIFICATION

I hereby certify that this operation was approved for financing under the IDB Food Security Fund (**FOD**) through a communication dated **April 18, 2016** and signed by **Kai Hertz**. Also, I certify that resources from said fund are available for up to **US\$200,000** in order to finance the activities described and budgeted in this document. This certification reserves resource for the referenced project for a period of **six (6) 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, i.e. represent a risk that will not be absorbed by the Fund.

SURINAME

SUPPORT OF AGRICULTURAL COMPETITIVENS PROGRAM SU-T1084

INDICATIVE TERMS OF REFERENCE

I. GENERAL BACKGROUND (WILL BE SIMILAR FOR ALL TERMS OF REFERENCE)

- 1.1 Notwithstanding the performance of the mining sector, Suriname needs to generate sustained growth in non-extractive sectors. Of particular importance is the agricultural sector,¹ which accounts for 10% of total export earnings, second to mining; 17% of the labor force. The share of agriculture in total GDP has been slightly decreasing in recent years and represented 9% in 2014 (Suriname Central Bank, 2014). Most agricultural production takes place along the coastal plains.² Despite its importance, the agricultural sector declined consistently between 1991 and 2002. A growth path was recovered from 2003 to 2014, but, with the exception of 2014, agricultural growth has constantly been lower than GDP growth in recent years (Suriname Central Bank, 2014). In addition, the sector's total factor productivity (TFP) annual growth rate is low, and it was null between 1980-2012, one of the lowest in the region. It is also important to highlight that the TFP has shown an increase during 2001-2012 but it still remains at a similar level reached to that in 1991.
- 1.2 The economic literature presents ample evidence on the link between agricultural services and agricultural productivity and competitiveness. A compilation of studies analyzing the impact of different programs of agricultural health financed by the Bank in Peru, Ecuador, Uruguay and Belize presents positive evidence on the impact these interventions have (OVE, 2009). Similarly, research has been shown to be one of the key determining factors of improvements in agricultural productivity over the past 40 years (Heisey, 2001). The low quality of agricultural services can be identified as a driver of the low agricultural total factor productivity growth in Suriname.
- 1.3 Productivity should be increased and access to new international markets expanded. To tackle these issues, the Government of Suriname (GoS) has identified the need to implement a medium term investment and policy reform strategy that will help promote private farm investment; one of those investments is related to the improvement of the provision of public services such as plant and animal health and food safety.

¹ Agricultural sector includes: agriculture, livestock, and fisheries.

² More than 90% of total area under agricultural production lies along the Coastal Plains (Department of Agricultural Statistics of the Ministry of Agriculture of Suriname).

1.4 The Government of Suriname has requested the Bank's technical support to help design and implement the Investment loan (SU-L1020), which will complement the set of policy reforms being executed as part of the programmatic loans (SU-L1033 and SU-L1032), focusing on productivity enhancing instruments such as productive infrastructure, modern technological packages and sanitary and phytosanitary measures (SPS). In response to the Government's request, the Bank has approved a non-reimbursable operation (SU-T1084) with the objectives to conduct the necessary activities to help design and partially implement the investment loan.

II. OBJECTIVES, ACTIVITIES AND CHARACTERISTICS OF SPECIFIC TERMS OF REFERENCE

A. TERMS OF REFERENCE: PLANT HEALTH

I. Background and Consultancy Objectives

Agricultural health and food safety have been high on the (international) policy agenda for the past few decades. These issues have assumed a critical pre-condition role for cross-border trade. A major limiting factor for Surinamese agricultural exports is the lack of credible proof that products meet the agricultural health and food safety standards applied by importing country. The two Policy Loans (SU-L1003 and SU-L1032) have helped the preparation of the foreseen investment loan (SU-L1020) by formulating plant and animal acts and regulations following international standards, establishing a multi-sectoral working group for food safety, preparing plant health and food safety strategies, generating specific technical plans and technical capability plans for animal health, plant health and food safety. Nevertheless, this process is far from being completed as is reflected by the government's white paper on agricultural health and food safety. At the same time, the implementation capacity is very limited and needs to be upgraded. In addition, Veterinary Services and Plant Health Services need to be upgraded (in particular staffing in the Veterinary Services seems to be problematic), and new border control units and quarantine facilities will have to be built. Finally, the respect of standards is another area of interest related to agricultural health and food safety, especially with regards to food safety as it relates to production processes.

Consultancy objective(s): The objective of the consultancy is to provide support to LVV in the preparation of the investment plan for the component of Plant Health Service.

II. Main activities

- a. Review documents prepared under the Policy Loan (SU-L1032): plant health strategy, human resources and infrastructure and equipment plans, reorganization of the plant health service plan, national surveillance system plan, protocols for

border control system and strategy for declaring major pests free; latest PVS-IICA, and other relevant background documents and existing data on the topic.

- b. Interview key official authorities of the Ministry of Agriculture related to Plant Health Service, Agricultural Production Division of the Faculty of Technical Sciences of the National University of Suriname, farmers' organizations and other relevant stakeholders.
- c. Describe the importance of plant health to Suriname and the situation of the plant health in the country; including an analysis and quantification of losses accrued to the economy as a result of plant health events in Suriname in the past five years, and quantify the risks related to future plant health staffing, equipment, infrastructure, institutional setting, information availability and operational systems.
- d. Review current legislation affecting the delivery of plant health services and the draft Plant Protection Act and its regulations.
- e. Identify and quantify the needs to implement phytosanitary campaigns to be included in an investment project.
- f. Review official information management procedures: gathering and collection of national and international information; use of qualified informants and other agents who provide information systems; registration and information processing, databases, security logs; use and users of information; availability of information useful in the preparation of lists of pests, development of pest risk analysis and the establishment of pest free areas, among others; communication mechanisms within the country with all players in the system and with the phytosanitary authorities of importing countries and recipients of exports.
- g. Analyze weaknesses and strengths of plant health accreditation mechanisms, and, if appropriate, propose an action plan to increase the network of service providers, while maintaining an adequate public sector supervisory role.
- h. Based on the diagnostic, prepare and justify a proposal to prioritize the investments presented in the diverse plans prepared in the Policy Loan (SU-L1032), listed in point (a). Special emphasis should be given to activities that will help consolidate the permanent Plant Health service provided by LVV, in compliance with international agreements on: surveillance, traceability, inspection, risk analysis, phytosanitary control strategies, phytosanitary emergency systems, quarantine services, and laboratory services.
- i. Coordinate and collaborate with the animal health and food safety consultants to align the proposed investments and avoid duplications.

- j. Collaborate with the economic evaluation consultant to formulate the parameters and coefficients on how to measure the financial and economic evaluation of investments.
- k. With the support of the consultant for the social and environmental aspects, identify potential environmental and social impacts of proposed investments and measures to be taken to avoid or mitigate negative impacts.
- l. Support and participate in IDB Missions in the dialogue to the Government in relation to public agricultural services.

III. Reports / outputs

- An intermediate report, which will include: (i) a diagnosis (analysis of the situation and importance of the subsector, identify problems and causes), and (ii) an identification of prioritized investments to help improve the performance of plant health service with its justification. In addition, the intermediate report will include expected results and preliminary budget needs; target population for the investments; and preliminary implementation scheme.
- A final report, which will incorporate the comments of the Bank and the Ministry of Agriculture. This report shall include: executive summary, a diagnosis (analysis of the situation and importance of the subsector, identifying problems and causes), clear objectives for the component, financing activities, executing mechanism, budget, physical and financial schedule, results matrix (including outputs and outcomes indicators), staff and other actors training plan, human resource needs and profiles, equipment and infrastructure improvement plan, a procurement plan, and draft terms of reference for consultants to be hired in connection with the execution of the component.

IV. Schedule of payment

Contract signature: 25%
Intermediate report: 35%
Final Report: 40%

V. Coordination

- Team Leader or Coordinator: Cesar Falconi (INE/RND) and Carmine Paolo De Salvo (INE/RND)
- Department/Division: INE/ RND

VI. Qualifications:

- Academic Degree / Level & Years of Professional Work Experience: Advanced degree in plant health, agronomy, agricultural development or any other related subject; at least 10 years of experience;
- Languages: Fluency in oral and written English;
- Areas of Expertise: Expertise in the field of the institutional reform of plant health services;
- Skills: Good knowledge of plant health.

VII. Characteristics of the Consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum;
- Contract duration: May – September 2016 (35 days);
- Place of work: Paramaribo, Suriname and consultant's residence (two trips to Suriname, each trip 12 days);
- Division Leader or Coordinator: Cesar Falconi, Agriculture Principal Specialist (INE/RND) and Carmine Paolo De Salvo, Rural Development Specialist (INE/RND).

B. TERMS OF REFERENCE: ANIMAL HEALTH

I. Background and Consultancy Objectives

Agricultural health and food safety have been high on the (international) policy agenda for the past few decades. These issues have assumed a critical pre-condition role for cross-border trade. A major limiting factor for Surinamese agricultural exports is the lack of credible proof that products meet the agricultural health and food safety standards applied by importing country. The two Policy Loans (SU-L1003 and SU-L1032) have helped the preparation of the foreseen investment loan (SU-L1020) by formulating plant and animal acts and regulations following international standards, establishing a multi-sectoral working group for food safety, preparing plant health and food safety strategies, generating specific technical plans and technical capability plans for animal health, plant health and food safety. Nevertheless, this process is far from being completed as is reflected by the government's white paper on agricultural health and food safety. At the same time, the implementation capacity is very limited and needs to be upgraded. In addition, Veterinary Services and Plant Health Services need to be upgraded (in particular staffing in the Veterinary Services seems to be problematic), and new border control units and quarantine facilities will have to be built. Finally, the respect of standards is another area of interest related to agricultural health and food safety, especially with regards to food safety as it relates to production processes.

Consultancy objective(s): The objective of the consultancy is to provide support to LVV in the preparation of the investment plan for the component of Animal Health Service.

II. Main activities

- a. Review documents prepared under the Policy Loan (SU-L1032): human resources and infrastructure and equipment plans, national surveillance system plan, protocols and procedures for border control system and strategy for declaring major diseases free; latest PVS-OIE, and other relevant background documents and existing data on the topic.
- b. Interview key official authorities of the Ministry of Agriculture related to Animal Health Service, Agricultural Production Division of the Faculty of Technical Sciences of the National University of Suriname, farmers' organizations and other relevant stakeholders.
- c. Describe the importance of animal health to Suriname and the situation of the animal health in the country; including an analysis and quantification of losses accrued to the economy as a result of animal health events in Suriname in the past five years, and quantify the risks related to future animal health staffing, equipment, infrastructure, institutional setting, information and operational systems.
- d. Review current legislation affecting the delivery of animal health services and the drafts of Slaughterhouse and Meat Inspection act, Animal Production, Health and Welfare act and Animal Feed act; and its regulations.
- e. Review management procedures of official information: gathering national and international information; qualified informants and other agents who provide information to the system; using tools such as animal identification and traceability of animals; registration and processing of information, databases, security logs; use and users of information; availability of information and usefulness in preparing reports to the OIE; development of risk analysis diseases and disease -free declaration. Communication mechanisms within the country with all players in the system and the veterinary authorities of importing countries and recipients of exports.
- f. Identify and quantify the needs to implement sanitary campaigns to be included in an investment project.
- g. Analyze weaknesses and strengths of animal health accreditation mechanisms, and, if appropriate, propose an action plan to increase the network of service providers, while maintaining an adequate public sector supervisory role.
- h. Based on the diagnostic, prepare and justify a proposal to prioritize the investments presented in the diverse plans prepared in the Policy Loan (SU-L1032), listed in point (a). Special emphasis should be given to activities that will help to consolidate permanent Animal Health service provided by LVV, in compliance with international agreements on: surveillance, traceability,

inspection, risk analysis, sanitary control strategies, sanitary emergency systems, quarantine services, and laboratory services.

- i. Collaborate with the plant health and food safety consultants to align the proposed investments and avoid duplications.
- j. Collaborate with the economic evaluation consultant to formulate the parameters and coefficients on how to measure the financial and economic evaluation of investments.
- k. With the support of the consultant for the social and environmental aspects, identify potential environmental and social impacts of proposed investments and measures to be taken to avoid or mitigate negative impacts.
- l. Support and participate in IDB Missions in the dialogue to the Government in relation to public agricultural services.

III. Reports / outputs

- An intermediate report, which will include: (i) a diagnosis (analysis of the situation and importance of the subsector, identifying problems and causes), and (ii) an identification of prioritized investments to help improve the performance of animal health service with its justification. In addition, the intermediate report will include expected results and preliminary budget needs; target population for the investments; and preliminary implementation scheme.
- A final report, which will incorporate the comments of the Bank and the Ministry of Agriculture. This report shall include: executive summary, a diagnosis (analysis of the situation and importance of the subsector, identifying problems and causes), clear objectives for the component, financing activities, executing mechanism, budget, physical and financial schedule, results matrix (including outputs and outcomes indicators), staff and other actors training plan, human resource needs and profiles, equipment and infrastructure improvement plan, procurement plan, and draft terms of reference for consultants to be hired in connection with the execution of the component.

IV. Schedule of payment

Contract signature: 25%
Intermediate report: 35%
Final Report: 40%

V. Coordination

- Team Leader or Coordinator: Cesar Falconi (INE/RND) and Carmine Paolo De Salvo (INE/RND)

- Department/Division: INE/ RND

VI. Qualifications:

- Academic Degree / Level & Years of Professional Work Experience: Advanced degree in animal health, veterinary, agricultural development or any other related subject; at least 10 years of experience;
- Languages: Fluency in oral and written English;
- Areas of Expertise: Expertise in the field of institutional reforms in animal health services;
- Skills: Good knowledge of animal health.

VII. Characteristics of the Consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum;
- Contract duration: May – September 2016 (35 days);
- Place of work: Paramaribo, Suriname and consultant's residence (two trips to Suriname, each trip 12 days);
- Division Leader or Coordinator: Cesar Falconi, Agriculture Principal Specialist (INE/RND) and Carmine Paolo De Salvo, Rural Development Specialist (INE/RND).

C. TERMS OF REFERENCE: FOOD SAFETY

I. Background and Consultancy Objectives

Agricultural health and food safety have been high on the (international) policy agenda for the past few decades. These issues have assumed a critical pre-condition role for cross-border trade. A major limiting factor for Surinamese agricultural exports is the lack of credible proof that products meet the agricultural health and food safety standards applied by importing country. The two Policy Loans (SU-L1003 and SU-L1032) have helped the preparation of the foreseen investment loan (SU-L1020) by formulating plant and animal acts and regulations following international standards, establishing a multi-sectoral working group for food safety, preparing plant health and food safety strategies, generating specific technical plans and technical capability plans for animal health, plant health and food safety. Nevertheless, this process is far from being completed as is reflected by the government's white paper on agricultural health and food safety. At the same time, the implementation capacity is very limited and needs to be upgraded. In addition, Veterinary Services and Plant Health Services need to be upgraded (in particular staffing in the Veterinary Services seems to be problematic), and new border control units and quarantine facilities will have to be built. Finally, the respect of standards is another area of interest related to agricultural health and food safety, especially with regards to food safety as it relates to production processes.

Consultancy objective(s): The objective of the consultancy is to provide support to LVV in the preparation of the investment plan for the component of Food Safety Service.

II. Main activities

- a. Review documents prepared under the Policy Loan (SU-L1032): food safety strategy, human resources and infrastructure and equipment plans, national surveillance system plan, protocols and procedures for border control system and strategy for declaring major diseases free; EU report and other relevant background documents and existing data on the topic.
- b. Interview key official authorities of the Ministry of Agriculture related to Food Safety Service, Ministry of Health, Ministry of Trade, Agricultural Production Division of the Faculty of Technical Sciences of the National University of Suriname, farmers' organizations and other relevant stakeholders.
- c. Describe the importance of food safety to Suriname and the situation of food safety in the country; including an analysis and quantification of losses accrued to the economy as a result of food safety events in Suriname in the past five years, and quantify the risks related to future food safety, staffing, equipment, infrastructure, institutional setting, information and operational systems.
- d. Review current legislation affecting the delivery of food safety services and the drafts of Slaughterhouse and Meat Inspection act, Animal Feed Act, Decree of Pesticides and Commercialization and their regulations, and other relevant legislations.
- e. Analyze the institutional setting of food safety within LVV and propose institutional alternatives to improve its efficiency to deliver an adequate service.
- f. Review the management procedures for official information: gathering of national and international information; use of qualified informants and other agents who provide information to the system; use of tools such as the identification and traceability of animals and fields of agricultural production; recording and processing of information, databases, safety records; use and users of information, availability of information and usefulness of reporting; communication mechanisms within the country with all players of the system and food safety authorities of trade partners.
- g. Review regulations related to food safety, with emphasis on food primary production, coordination between the LVV and the Ministry of Health standards, as well as on the control of the management and the use of pesticides and the control on microbiological contaminants, suggesting, if appropriate, adjustments or new devices. Propose actions to comply with international provisions relating to compliance with standards and specifications.
- h. Review the status of dissemination and application of good agricultural and livestock practices (GAP), good processing practices (GPP), good manufacturing practices (GMP)

to identify needs for education and advocacy for the promotion of such practices, as well as Sanitation standard procedures (SSOP) and use of modern methods of risk analysis critical control points (HACCP).

- i. Propose a methodology for the prioritization, under defined criteria, of residue plans that could be included in the project. In addition, analyze, if they are available, proposals of residue plans and make recommendations to finalize their design and possibly include them in the operation.
- j. Based on the diagnostic, prepare and justify a proposal to prioritize the investments presented in the diverse plans prepared under the Policy Loan (SU-L1032), listed in point (a). Special emphasis should be given to activities that will help to consolidate permanent Food Safety services provided by LVV and/or the corresponding public institution, in compliance with international agreements on: surveillance, traceability, inspection, risk analysis, control strategies, emergency systems, and laboratory services.
- k. Collaborate with the plant health and animal health consultants to align the proposed investments and avoid duplications.
- l. Collaborate with the economic evaluation consultant to formulate the parameters and coefficients on how to measure the financial and economic evaluation of investments.
- m. With the support of the consultant for the social and environmental aspects, identify potential environmental and social impacts of proposed investments and measures to be taken to avoid or mitigate negative impacts.
- n. Support and participate in IDB Missions in the dialogue with the Government in relation to public agricultural services.

III. Reports / outputs

- An intermediate report, which will include: (i) a diagnosis (analysis of the situation and importance of the subsector, identifying problems and causes), and (ii) an identification of prioritized investments to help improve the performance of food safety service with their justification. In addition, the intermediate report will include the expected results, preliminary budget needs, target population for the investments, and preliminary implementation scheme.
- A final report, which will incorporate the comments of the Bank and the Ministry of Agriculture. This report shall include: executive summary, a diagnosis (analysis of the situation and importance of the subsector, identifying problems and causes), clear objectives for the component, financing of activities, executing mechanism, budget, physical and financial schedule, results matrix (including outputs and outcomes indicators), staff and other actors training plan, human resource needs and profiles, equipment and infrastructure improvement plan, a procurement plan, and draft terms of reference for consultants to be hired in connection with the execution of the component.

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V. Coordination

- Team Leader or Coordinator: Cesar Falconi (INE/RND) and Carmine Paolo De Salvo (INE/RND)
- Department/Division: INE/ RND

VI. Qualifications:

- Academic Degree / Level & Years of Professional Work Experience: Advanced degree in food safety, agricultural health, agricultural development or any other related subject; at least 10 years of experience;
- Languages: Fluency in oral and written English;
- Areas of Expertise: Expertise in the field of institutional reforms in food safety;
- Skills: Good knowledge of food safety.

VII. Characteristics of the Consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum;
- Contract duration: May – September 2016 (50 days);
- Place of work: Paramaribo, Suriname and consultant's residence

D. TERMS OF REFERENCE: AGRICULTURAL INNOVATION

I. Background and Consultancy Objectives

Consultancy objective(s): The objective of the consultancy is to provide support to LVV in the preparation of the investment plan for the component of Agricultural Innovation.

II. Main activities

- a. Review documents prepared under the Policy Loans (SU-L10033 and SU-L1032): agricultural innovation strategy, human resources and infrastructure and equipment plans for agricultural innovation, establishment of the project management unit for agricultural innovation, other relevant background documents and existing data on the topic.

- b. Interview key official authorities of the Ministry of Agriculture related to Agricultural Innovation, Agricultural Production Division of the Faculty of Technical Sciences of the National University of Suriname, farmers' organizations and other relevant stakeholders.
- c. Present the diagnostic of the agricultural innovation in Suriname (including LVV, CELOS, University and ADRON); existing structure, agricultural innovation programs, human resources, infrastructure and equipment, budget, interaction with international research and extension centers and other local entities and the private sector, agricultural research results from LVV and major actors (number of technologies developed, adapted and transferred).
- d. Identify agricultural innovation programs (products and/or themes), supported by a priority setting exercise, that could be improved and/or developed, including the identification of major problems and their causes as well as the objectives and expected results of the innovation component.
- e. Prepare the operational modalities of the financing and the implementation of the component with LVV and other stakeholders. The rules will include the participation of various stakeholders such as farmers and their organizations, national and international universities and research centers, private business sector, government institutions, NGOs, etc. However fiduciary management of research funds would remain the responsibility of LVV.
- f. Prepare the operating manual of the component, including the eligibility criteria, scope, and involvement of international and local actors, financing modality, results, and other aspects to execute the component.
- g. Collaborate with the economic evaluation consultant to formulate the parameters and coefficients on how to measure the financial and economic evaluation of investments.
- h. Collaborate with the Monitoring and Evaluation consultants in order to ensure the monitoring of the component and decide on its evaluation methodology.
- i. With the support of the consultant on social and environmental aspects, identify potential environmental and social impacts of the proposed investments and measures to be taken to avoid or mitigate negative impacts.
- j. Support and participate in IDB Missions in the dialogue with the Government in relation to public agricultural services and innovation.

III. Reports / outputs

- An intermediate report, which will include: (i) a diagnosis (analysis of the situation and importance of the subsector, identifying problems and causes), and (ii) an identification of prioritized investments to help improve the performance of the analytical capacity with its justification. In addition, the intermediate report will include expected results and

preliminary budget needs; target population for the investments; and preliminary implementation scheme.

- A final report, which will incorporate the comments of the Bank and the Ministry of Agriculture. This report shall include: executive summary, a diagnosis (analysis of the situation and importance of the subsector, identifying problems and causes), clear objectives for the component, financing activities, executing mechanism, budget, physical and financial schedule, results matrix (including outputs and outcomes indicators), a procurement plan, and draft terms of reference for consultants to be hired in connection with the execution of the component.

IV. Schedule of payment

Contract signature: 25%

Intermediate report: 35%

Final Report: 40%

Qualifications:

- Advanced university degree in agronomy, agricultural economics, or related field with at least 10 years of experience collecting and analyzing agricultural innovation system. Familiarity with Suriname Agricultural Research and Extension activities would be an advantage.
- Fluency in English and Dutch is recommended.
- Good knowledge of Agricultural Innovation Systems around the world.

Characteristics of the consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum.
- Contract duration: between June 1 2016 and October 30 2016; 40 days.
- Place of work: 2 trips to Paramaribo, each trip for 12 days.
- Coordination: Cesar Falconi, Agriculture Principal Specialist (INE/RND) and Carmine Paolo De Salvo, Rural Development Specialist (INE/RND).

E. TERMS OF REFERENCE: ENVIRONMENTAL ANALYSIS

Consultancy Objective(s)

The consultancy objective is to conduct the Environmental and Social Impact Analysis of the Agricultural Policy Based Loan (SU-L1032) and Agricultural Competitiveness Program (SU-L1020).

I. Main activities

- a. Review relevant background documents, existing data on the topic.
- b. Support IDB Mission in the dialogue to the Government in relation to Land issues.
- c. Interview to the key official authorities of the Ministry of Agriculture, including Agricultural Health and Food Safety, Farmers, to discuss the environmental and social aspects related to the PBL and Investment Program.
- d. Identify the environmental and social direct and indirect impacts and risks of impacts, and identify mitigation measures.
- e. Prepare an Environmental and Social Strategy for the PBL.

For the Investment Program

- f. Review national legislation and departmental procedures applicable to environmental assessment and the subject of the operation. Analyze environmental certification options in the country both for infrastructure to be supported by the program (such as Green Building, LEED, etc.) and for operating procedures (such as ISO 17025).
- g. Following a typical IDB format, prepare the Environmental and Social Management Report (ESMR) including the Environment and Social Management Plan (ESMP) for the Investment Program that shall be contained in the Program Operating Manual. The ESMR and ESMP should be prepared following to the Bank's Environmental Policy and in compliance national legislation. The ESMP should include mitigation measures that must be submitted in the following format: description of environmental or social impacts, description of mitigation measures identified, activities to implement the mitigation measure, responsibility for implementation, schedule and costs.
- h. Provide support to conduct public consultations that may be required as part of the process of social and environmental analysis.
- i. Propose an environmental monitoring system, establishing a baseline, defining indicators, frequency and methods of measurement, liabilities and costs.

II. Reports / Outputs

The consultant shall produce the following reports:

A preliminary report, which will contain the key elements of: (i) the environmental and social impact assessment (EIA), (ii) the Environmental and Social Management Plan (ESMP), and (iii) a preliminary proposal for the PBL's Environmental and Social Strategy.

A final report, which will contain: the Environmental and Social Management Report (ESMR) for the Investment Program, which will incorporate the comments of the Bank and Ministry of Agriculture. This report shall follow the directives of the Environmental and Safeguards Policy of the Bank.

The report shall contain at least:

1. A summary of the project's objectives, major components and the status of compliance with environmental requirements, relevant social and occupational health (eg national requirements, local and international, where applicable);
2. Environmental impacts and socio-cultural or direct and indirect risks of the proposed transaction, including, if applicable, gender issues, impacts on indigenous communities, afro - descendants, vulnerable groups and occupational health aspects;
3. Environmental measures and socio-cultural proposals to avoid, minimize and mitigate the significant direct and indirect impacts, and proactive measures to improve the environmental management of the Ministry of Agriculture related to the Investment Program;
4. Institutional responsibilities to implement measures designed, with an explanation of the institutional capacity to carry out these responsibilities;
5. The detailed schedule and budget to implement mitigation measures;
6. The public consultation program agreed for the operation;
7. A plan for monitoring the environmental and social impacts during a project implementation, including specific indicators, timelines, responsibilities and costs.

III. Schedule of payment

Contract signature: 30%
Intermediate report: 40%
Final Report: 30%

IV. Coordination

- Team Leader or Coordinator: Cesar Falconi, INE/RND and Paolo de Salvo (INE/RND)
- Department/Division: INE/ RND

V. Qualifications:

- Academic Degree / Level & Years of Professional Work Experience: Advanced degree in a relevant field such as environmental science, biology, rural sociology, or project planning and preparation; at least 10 years of experience;
- Languages: Fluency in oral and written English;
- Areas of Expertise: Expertise in the field of specific experiences in environmental and social impact assessments of 10 years, preferably including projects in the agricultural sector;
- Skills: Good knowledge of Environmental and social impact assessments.

VI. Characteristics of the Consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum;
- Contract duration: May – September 2016 (30 days);
- Place of work: Paramaribo, Suriname and consultant's residence (two trips to Suriname, each trip 12 days);

Division Leader or Coordinator: Cesar Falconi, Agriculture Principal Specialist (INE/RND) and Carmine Paolo De Salvo, Rural Development Specialist (INE/RND).

TERMS OF REFERENCE: ECONOMIC ANALYSIS

Consultancy objective(s)

The objective of the consultancy is to complete the economic and financial analysis of the Agricultural Competitiveness Loan (SU-L1020), including the economic evaluation of overall benefit and cost streams and the corresponding sensitivity analysis.

Main activities

Reviewing studies of the structure of agriculture and food of Suriname and the situation of the rural sector. Revise consultancy reports made to the preparation of the Policy Loan and investment program.

Participate in missions as part of the project team or independently, if so required, providing guidance to the members of project teams and national counterparts.

Define the methodology used to evaluate the program, taking into account the nature of the benefits, and define the respective information requirements. It is estimated that the methodological definition will take place during the first visit of the IDB consultant and at the same time, establish reporting requirements.

Perform economic evaluation using the methodology agreed once defined the basic elements based on the information collected: (i) Identify, describe, quantify and justify the incremental economic benefits (private and public) associated with the preparation and activities of the program components; (ii) Prepare a cost-benefit analysis and calculate the respective Internal Rate of Return (IRR), including a sensitivity analysis for key variables affecting results; and (iii) Based on the economic analysis, identify measurable indicators for the program used to measure its success, and coordinate the preparation of the information needed to design the respective baseline of the program.

Perform the financial evaluation of the program, taking into account the recurring fiscal costs generated by the Program into the future and any additional fiscal revenue streams and calculate the long term net fiscal impact and viability of the Program.

The analysis should be supported with appropriate economic theory and empirical evidence relevant.

According to the economic evaluation, verify and set goals for performance indicators and impacts of the program.

Collaborate to the Impact Evaluation consultant for defining the indicators for the M&E system and impact evaluation, and the collection of data required for M&E system.

Reports / outputs

The contractual shall produce the following reports:

A preliminary report to complete 20 days of work the consultant (s) shall submit to the Bank. The report will include the selected methodology and the main benefits and costs identified.

An Economic Assessment Final Report at the end of its work, which will incorporate the comments of Ministry of Agriculture and the Bank. This report shall include inter alia: (i) Methodological Background; (ii) Economic and financial analysis of the program; (iii) The analysis should include, among others: an ex ante estimate of the economic internal rate of return of the program, an ex-ante estimation of net present value, using a discount rate of 12%; (iv) The analysis should identify and define in detail the relevance of benefits used in the calculations along with the respective sources, identify and describe all assumptions made and perform a sensitivity analysis on the results obtained; and (v) Recommendations for project results matrix.

Each report shall be delivered to the Bank electronically in a single file that includes the cover, the main document and the annexes. (Zip files will not be accepted as final reports, due to regulations of Section Records Management).

Schedule of payment

Contract signature: 30%

Intermediate report: 40%

Final Report: 30%

Qualifications

- Academic Degree / Level & Years of Professional Work Experience: The contractual should hold an advanced professional degree in a relevant field such as agricultural economics, economics, policy analysis, finance or MBA; at least 10 years of experience.
- Languages: Good written and verbal communication skills in English
- Areas of Expertise: An established track record in financial and economic analysis of public policies and investments projects, particularly in the agricultural sector
- Skills: Any other features deemed relevant to carry-out the work

Characteristics of the Consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum
- Contract Duration: May – September 2016
- Place(s) of work: External consultancy
- Trips: Two round trips to Suriname, 10 days each
- Division Leader or Coordinator: Carmine Paolo De Salvo, Economist INE/RND desalvo@iadb.org; and Cesar Falconi, Lead Economist INE/RND cesarf@iadb.org

TERMS OF REFERENCE: MONITORING AND EVALUATION

Consultancy Objective(s)

The objective(s) of this consultancy are twofold: (i) in collaboration with the institutional analyst design the investment loan monitoring systems; and (ii) design impact evaluation plans for the investment loan.

Main Activities

- a. Review relevant background documents and statistics related to the investment loan.
- b. Support and participate in IDB Mission in the dialogue to the Government.

Monitoring system:

- c. Review the data collection and monitoring requirements. Collaborate with the Institutional Design Specialist to consolidate all of the inputs received from the respective consultants that have provided substantive specifications for the M&E process. This includes inputs from specialists in: plant & animal health and food safety; the economic analysis; the environmental and social analysis; and the institutional analysis.
- d. Devise a monitoring plan/system for the investment loan. Based on the technical requirements (item above), in collaboration with the Institutional Analyst, devise a basic plan for the Monitoring system. Determine if the baseline data provided is complete and identify any gaps in the information to be completed by the respective technical specialists. Identify the on-going collection process that will be required to continue supplying the monitoring system with inputs on a permanent basis.
- e. Design a system that fulfills the monitoring needs identified. Design a flow of information collection, analysis and delivery that fulfills the technical requirements determined by the preceding two items. Define the software and hardware specifications required to implement the monitoring system. Define the training and trouble-shooting exercises needed to assure the continued functioning and improvement of the system. Prepare the inputs required by the procurement specialists to acquire the goods, services and consulting services required to implement the monitoring system under the investment program. Prepare a budget for the Monitoring system.

Impact evaluation:

- f. Based on the proposed interventions, in collaboration with team members, define evaluation/research questions that will help determine the projects' impacts.
- g. Contribute to define, in collaboration with team members, primary and secondary impact indicators with realistic targets. The consultant will help validate targets based on analysis of existing primary and secondary data. Consistent with the operational rules of the programs, indicators must show a causal relation between the programs and the outcomes of interest.

- h. Develop a detailed impact evaluation plan, which should include: (i) an evaluation team with defined tasks and terms of references, including a principal investigator, field coordinator, data collection team/firm and other specialists as required by the evaluation; (ii) power calculations to determine sample sizes based on the evaluation design and desired minimum detectable effect sizes; (iii) a realistic budget estimate including the costs of data collection, consultancies, travel and dissemination; (iv) identification of primary and secondary data sources; (v) a preliminary design of questionnaires and data collection instruments; (vi) data collection schedule (including periodicity); (vii) proposed data documentation and storage; and (viii) a dissemination of results strategy.

Reports / outputs

The contractual shall produce the following reports:

A preliminary report to complete 20 days of work the consultant (s) shall submit to the Bank. The report will include a preliminary monitoring plan and the empirical evidence and the selected methodology for the impact evaluation of the program.

The Final Report to be delivered to the Bank for approval will include the monitoring plan and the impact evaluation plan of the program (following point h).

Each report shall be delivered to the Bank electronically in a single file that includes the cover, the main document and the annexes. (Zip files will not be accepted as final reports, due to regulations of Section Records Management).

Schedule of payment

Contract signature: 30%
Intermediate report: 40%
Final Report: 30%

Qualifications

- Academic Degree / Level & Years of Professional Work Experience: The contractual should hold an advanced professional degree in a relevant field such as agricultural economics, economics, policy analysis, finance or MBA; at least 10 years of experience.
- Languages: Good written and verbal communication skills in English
- Areas of Expertise: An established track record in Monitoring and Evaluation in investments projects, particularly in the agricultural sector
- Skills: Monitoring and Evaluation analysis

Characteristics of the Consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum

- Contract Duration: May – September 2016
- Place(s) of work: External consultancy
- Trips: Two round trips to Suriname, 10 days each
- Division Leader or Coordinator: Carmine Paolo De Salvo, Economist INE/RND desalvo@iadb.org; and Cesar Falconi, Lead Economist INE/RND cesarf@iadb.org

TERMS OF REFERENCE: INSTITUTIONAL ANALYSIS

I. Consultancy objective(s)

The objectives of the consultancy is to perform an analysis of the institutional capacity of the Ministry of Agriculture (LVV) to execute the above-mention Program by using the Bank's SECI system, propose an execution scheme, and formulate the operational documents for the investment loan (SU-L1020).

II. Main activities

Analyze main characteristics of investment project, based on technical reports prepared by counterparts and consultants assigned to project design and analysis.

Apply the Bank's SECI system for an assessment of the LVV's accounting, financial, procurement, information and other administrative systems to determine their adequacy for Bank loan management.

Consolidate all of the inputs received from the respective consultants that have provided substantive specifications for the Program implementation and the M&E process. This includes inputs from specialists in: plant & animal health and food safety; the economic analysis; the environmental and social analysis specialists.

Assist the LVV to devise the Project Execution Mechanisms and to develop an Action Plan for the Project Executing Unit, including updating the Program's financial management system to align it with the requirements of the project. The Action Plan should identify the human, technological and other financial resources necessary to ensure the adequate physical and financial management of the Program.

Work with LVV counterparts and the respective consultants to validate the proposed design. This includes interaction with the IDB project team, leading up to including the project appraisal.

Develop the risk assessment with the IDB Project Team in accordance with the new guidelines of the Bank and in light of the results of the SECI analysis. This will include assistance in the conduct of the risk analysis workshop (one half day).

In collaboration with consultants in charge of the design and analysis of each component and the institutional analyst, consolidate necessary data to: (i) formulate a detailed budget for the investment project; (ii) detailed eighteen month plan of operations; (iii) an schematic full period plan of operations; (iv) prepare an eighteen month procurement plan; (v) prepare a final risk matrix.

In collaboration with consultants in charge of the design and analysis of each component, prepare an advanced version of the project's manual of operations. Using a schematic flowchart of the functions and activities contained in the manual of operations, validate execution mechanism with government counterparts, both sector specialists as well as administrative/financial specialists, and a representative group of beneficiaries.

During the consultancy, maintain a close dialogue with the Government officials appointed as counterparts for this project, and with the Bank project team.

III. Reports / outputs

A preliminary report shall submit to the Bank. The report will include the institutional analysis including the institutional strengthening plan; a preliminary execution scheme and a preliminary risk matrix.

The Final Report to be delivered to the Bank for approval will include (i) a detailed budget for the investment project; (ii) detailed eighteen month plan of operations; (iii) an schematic full period plan of operations; (iv) an eighteen month procurement plan; (v) final risk matrix; (vi) the final manual of operation; (vii) the final execution scheme of the operation including its budget and staff description.

Each report shall be delivered to the Bank electronically in a single file that includes the cover, the main document and the annexes. (Zip files will not be accepted as final reports, due to regulations of Section Records Management).

IV. Schedule of payment

Contract signature: 30%
Intermediate report: 40%
Final report (including comments): 30%

Qualifications

- Academic Degree / Level & Years of Professional Work Experience: The contractual should hold a degree in public administration and/or economics with at least 15 years of experience working on international development projects and financial analysis, monitoring and evaluation, and operating regulations.
- Languages: Good written and verbal communication skills in English
- Areas of Expertise: An established track record in Institutional Analysis in investments projects, particularly in the agricultural sector

- Skills: Institutional analysis

Characteristics of the Consultancy

- Consultancy category and modality: Products and External Services Contractual, Lump Sum
- Contract Duration: May – September 2016 (30 days)
- Place(s) of work: External consultancy
- Trips: Two round trips to Suriname, 12 days each
- Division Leader or Coordinator: Cesar Falconi, Lead Economist INE/RND and Carmine Paolo De Salvo (INE/RND)

PROCUREMENT PLAN FOR NON-REIMBURSABLE TECHNICAL COOPERATIONS										
Country: Suriname				Executing agency: INE/RND			Public or private sector: (indicate which applies)			
Project number: SU-T1084				Title of Project: Support of Agricultural Competitiveness						
Period covered by the plan: 18 months										
Threshold for ex post review of procurements:			Goods and services (in US\$):			Consulting services(in US\$):				
Item No.	Ref. AWP	Description (1)	Estimated contract cost (US\$)	Procurement Method (2)	Review of procurement (ex-ante or ex-post) (3)	Source of financing and percentage		Estimated date of the procurement notice or start of the contract	Technical review by the PTL (4)	Comments
						IDB/MIF %	Local/other %			
1		Component 1. Technical Studies								
1.1		Consulting Services								
1.1.1.		Analysis Plant Health	28,500	CQS	ex-post	100	0	Jun 2 2016		
1.1.2.		Analysis Animal Health	28,500	CQS	ex-post	100	0	Jun 2 2016		
1.1.3.		Analysis Food Safety	24,000	CQS	ex-post	100	0	Jun 2 2016		
1.1.4.		Analysis Agricultural Innovation	29,000	CQS	ex-post	100	0	Jun 2 2016		
2		Component 2. Feasibility Studies								
2.1		Consulting Services								
2.1.1.		Institutional analysis	24,500	CQS	ex-post	100	0	Jun 2 2016		
2.1.2.		Environmental analysis	21,000	CQS	ex-post	100	0	Jun 2 2016		
2.1.3.		Economic analysis	23,500	CQS	ex-post	100	0	Jun 2 2016		
2.1.4.		Monitoring and evaluation	21,000	CQS	ex-post	100	0	Jun 2 2016		
Total			\$200,000.00	Prepared by: Cesa Falconi			Date: April 10 2016			
<p>(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 of 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".</p>										
<p>(2) Goods and works: CB: Competitive bidding; PC: Price comparison; DC: Direct contracting.</p>										
<p>(2) Consulting firms: CQS: Selection Based on the Consultants' Qualifications; QCBS: Quality and cost-based selection; LCS: Least Cost Selection; FBS: Selection under a Fixed Budget; SSS: Single Source Selection; QBS: Quality Based selection.</p>										
<p>(2) Individual consultants: IICQ: International Individual Consultant Selection Based on Qualifications; SSS: Single Source Selection.</p>										
<p>(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.</p>										
<p>(4) Technical review: The PTL will use this column to define those procurement he/she considers "critical" or "complex" that require ex ante review of the terms of reference, technical specifications, reports, outputs, or other items.</p>										

Support for the Design of the Agricultural Competitiveness Program

Detailed Budget

Investment Categories	IDB SU-T1084	TOTAL
Component 1. Technical Design		\$110,000.00
1.1 Consultancy Services	\$110,000.00	
1.1.1 Animal Health analysis	\$28,500.00	
Honorarium	\$20,000.00	
Travel and per diem	\$8,500.00	
1.1.2. Food Safety Analysis	\$24,000.00	
Honorarium	\$24,000.00	
1.1.3. Plant Health Analysis	\$28,500.00	
Honorarium	\$20,000.00	
Travel and per diem	\$8,500.00	
1.1.4. Agricultural Innovation Capacity	\$29,000.00	
Honorarium	\$20,000.00	
Travel and per diem	\$9,000.00	
Component 2. Feasibility Studies		\$90,000.00
2.1 Consulting Services	\$90,000.00	
2.1.1. Institutional Analysis	\$24,500.00	
Honorarium	\$16,250.00	
Travel and per diem	\$8,250.00	
2.1.2. Economic Analysis	\$23,500.00	
Honorarium	\$15,000.00	
Travel and per diem	\$8,500.00	
2.1.3. Impact Analysis	\$21,000.00	
Honorarium	\$12,500.00	
Travel and per diem	\$8,500.00	
2.1.4. Environmental Analysis	\$21,000.00	
Honorarium	\$12,500.00	
Travel and per diem	\$8,500.00	
Total	\$ 200,000.00	\$200,000.00