

TRINIDAD AND TOBAGO URBAN UPGRADING AND REVITALIZATION

TT-T1086

CERTIFICATION

I hereby certify that this operation was approved for financing under the **Ordinary Capital Strategic Development Program for Sustainability (SUS)**, and through a communication dated March 5, 2019 and signed by Jane Silva (ORP/GCM). Also, I certify that resources from said funds are available for a combined up to **US\$150,000** 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, representing a risk that will not be absorbed by the Fund.

Certified by:

Original signed

06/20/2019

Sonia M. Rivera

Date

Chief

Grants and Co-Financing Management Unit
ORP/GCM

Approved by:

Original signed

06/20/2019

Tatiana Gallego Lizon

Date

Division Chief

Housing and Urban Development Division
CSD/HUD

TC DOCUMENT

I. Basic Information for TC

▪ Country/Region:	TRINIDAD AND TOBAGO/CCB
▪ TC Name:	Trinidad and Tobago Urban Upgrading and Revitalization
▪ TC Number:	TT-T1086
▪ Team Leader/Members:	Rajack, Robin Michael (HUD/CBA) Team Leader; Ramsumair-John, Priya Elizabeth (CCB/CTT); Chona, Gilberto E. (CSD/HUD); Mastellaro, Catarina (CSD/HUD) Gonzalez Herrera, Beatriz Maria (CSD/HUD); Avila, Francy Dianela (CSD/HUD); Sandra Tovar CSD/CCS, Gregory Dunbar (VPC/FMP); Louis-Francois Chretien (LEG/SGO); and Leonor Corriols Diaz (VPC/FMP).
▪ Taxonomy:	Operational Support
▪ Number and name of Operation Supported by the TC:	TT-L1056 Urban Upgrading and Revitalization Program
▪ Date of TC Abstract authorization:	March, 2019
▪ Beneficiary:	Government of the Republic of Trinidad and Tobago
▪ Executing Agency:	Inter-American Development Bank
▪ Donors providing funding:	Strategic Development Program for Sustainability (SUS)
▪ IDB Funding Requested:	\$150,000.00
▪ Local counterpart funding, if any:	N/A
▪ Disbursement period:	18 months
▪ Required start date:	Jun, 2019
▪ Types of consultants:	Individuals; Firms
▪ Prepared by Unit:	Housing and Urban Development (CSD/HUD)
▪ Unit of Disbursement Responsibility:	Climate Change and Sustainable Development Sector (CSD/CSD)
▪ TC included in Country Strategy (y/n):	No
▪ TC included in CPD (y/n):	Yes
▪ Alignment to the Update to the Institutional Strategy 2010-2020:	Social inclusion and equality; Environmental sustainability

II. Description of the Associated Loan

- 2.1 The Government of the Republic of Trinidad and Tobago (the Government) requested a Loan, TT-L1056, for an Urban Upgrading and Revitalization Program with an amount of US\$50-million. While the operation will finance a needed extension of informal settlement upgrading and affordable housing programs implemented under the recently concluded Neighborhood Upgrading Program - NUP (2469/OC-TT), this new loan, the fourth successive IDB financed operation, will prioritize upgrading in the main urbanized corridors and also contribute to the revitalization of urban centers¹, as part of a strategy to foster a pattern of more sustainable built development.

¹ Commonly understood as city or town areas where there is proximity to a range of commercial, retail, and public administration activities and a concentration of employment opportunities.

- 2.2 The general objective of the loan is to improve the quality of life of low-income households and to increase the vitality of urban areas. The specific objectives include: (i) improve the habitability and land tenure security in informal settlements on State-owned lands; (ii) enhance housing conditions for low-income households; (iii) improve the use of urban public spaces; and (iv) strengthen the capacity of supply-side stakeholders to satisfy effective housing demand and urban development needs. The program components are: (i) Component 1. Urban Upgrading which will finance the regularization of squatter settlements on State-owned lands, with a focus on sites in the main urban corridors in both Trinidad and Tobago and will be executed as a Multiple Works Program (MWP); (ii) Component 2. Affordable Housing Grants which will be implemented as a Specific Investment Operation (ESP) and seeks to reduce the qualitative and quantitative housing deficits, by providing grants nationwide to finance selective home improvements for currently occupied homes and new home construction, which directly services the housing needs of low-income households; (iii) Component 3. Urban Regeneration/Revitalization which will finance a range of urban regeneration initiatives in both Trinidad and Tobago with an emphasis on improving the quality and functionality of public space and will be executed as a MWP; and (iv) Component 4 Strengthening of Housing and Urban Development Sector Stakeholders' Capacities which will be executed as a ESP and finance a range of activities which will better equip supply-side stakeholders to address the medium-term housing and urban development needs of the country.
- 2.3 **Beneficiary population of the loan.** The primary beneficiaries of the program will be low-income households currently residing in inadequate housing and settlement conditions. A secondary set of beneficiaries will be current and potential users of urban public spaces.
- 2.4 **Expected results of the loan.** The program is expected to achieve the following results: (i) improved living conditions for low-income populations living in informal settlements through tenure regularization and better access to basic infrastructure; (ii) improved living conditions for low-income households through housing grants that facilitate home construction or improvement; (iii) higher levels of usage of urban public space; and (iv) improved institutional capacity to plan and manage housing and urban development investments – in part to promote more sustainable use of land including more compact urban growth
- 2.5 By focusing on urban consolidation, the program is promoting sustainable development policy. Higher home improvement grant thresholds will apply for projects using green-building technologies (such as solar panels, rainwater harvesting, and more energy-efficient designs), and those adding rental units to the same plot of land, representing a creative strategy for incentivizing sustainability.

III. Objectives and Justification of the TC

- 3.1 In order to support the preparation of operation TT-L1056, this Technical Cooperation (TC) will finance the activities that will allow for social, environmental, financial and economic screening of a representative sample of investments to take place, as well as preparation of pre-feasibility designs of civil works and an assessment of targeting mechanisms and baseline data management, helping to assure an adequate design of TT-L1056.
- 3.2 **Housing Unaffordability.** The National Spatial Development Strategy (NSDS) of 2013 estimated an annual housing demand of 5,000 units per year up to 2033 to cater for the

formation of new households, as well as replacement of aging housing stock. There is, however, an acute shortage of formal housing for low income households, evidenced in part by squatting (settlement on land without the authorization of the owners – described below) and a waiting list for state-supplied housing that exceeds 175,000 applicants according to the Housing Development Corporation (HDC). An increase in migrants is adding further pressure. Nationally, the House-Price-to-Wages ratio was consistently over 10:1 for the last two decades, much higher than the 3:1 threshold of affordability defined by international standards.

- 3.3 **High Incidence of Informal Settlement.** Informal settlement is one manifestation of the affordability crisis. An international analysis of 87 countries found that with close to 30% of its urban population squatting in 2005, Trinidad and Tobago has a much higher incidence of slum population (generally understood as heavily populated urban areas characterized by substandard housing and poor living conditions due to deficient or missing basic services) than expected, given its high Gross Domestic Product (GDP) per capita². One in every five households is squatting and there are close to 400 squatter sites on State lands, with the most populous located in urban areas³. In Trinidad, which is 71% urbanized, such settlements in urban areas are often on hillsides or close to water courses, increasing their vulnerability to natural disasters and high impact rainfall events associated with climate change – vulnerability that upgrading interventions typically reduce. This is particularly important given that higher tropical storm frequency and the effects derived from them: coastal flooding, wind and rainfall, are among the climate change-related impacts that the country is likely to experience⁴. Such events can be very harsh in squatter sites, where not only are the land tenure, road layout and buildings typically irregular, but where households are twice as likely (15% vs 8%) to lack piped-water and three times more likely (26% vs 9%) to use pit-latrines, than households with regular land tenure⁵, with potential implications for household health and disproportionate impacts on women and female-headed households⁶. The record-breaking floods of October 2018 which followed intermittent but prolonged rainfall exposed the high level of vulnerability of both settlements and infrastructure, nationwide.
- 3.4 **Qualitative housing deficit.** In addition to the high incidence of informality, housing in urban areas is older than the rest of the stock and suffers from significant qualitative deficits. According to the 2011 Census, 71% of the stock in Port of Spain (POS), and over 50% in the adjoining populous urban areas of Diego Martin and San Juan/Laventille, as well as in San Fernando, was built prior to 1980. Moreover, 2012 UN-Habitat Urban Profiling exercises found poor housing in terms of durability, adequacy and design in the Greater POS Area⁷, San Fernando⁸ and Scarborough⁹, Tobago. The evidence of qualitative housing deficits including disrepair, improper

² IDB, 2012. Room for Development. Housing Markets in Latin America and the Caribbean. Development in the Americas. Palgrave. Macmillan. New York

³ See Rajack, R. and M. Frojmovic. 2016. "Housing and Land Markets in Trinidad and Tobago: Inputs to the IDB's Country Challenges Document for Trinidad and Tobago." Washington, DC: Inter-American Development Bank; and McHardy P. and Donovan M.G. 2016. [The State of Social Housing in Six Caribbean Countries](#). Inter-American Development Bank. Washington, DC.

⁴ IDB, 2014. Understanding the Economics of Climate Adaptation in Trinidad and Tobago

⁵ Rajack, R. and M. Frojmovic. 2016. "Housing and Land Markets in Trinidad and Tobago.

⁶ Cattaneo, M. D., S. Galiani, P. J. Gertler, S. Martinez, and R. Titiunik. 2009. "Housing, Health, and Happiness." American Economic Journal: Economic Policy (1): 75– 105.

⁷ UNHABITAT. 2012. Trinidad and Tobago: [Port of Spain Urban Profile. Nairobi. Kenya.](#)

⁸ UNHABITAT 2012. Trinidad and Tobago: [San Fernando Urban Profile. Nairobi. Kenya.](#)

⁹ UNHABITAT 2012. Trinidad and Tobago: [Scarborough Urban Profile. Nairobi. Kenya.](#)

sanitation, and overcrowding is also further attested to by officials of the LSA and East Port of Spain Development Company (EPOSDC) who have a deep working familiarity with the nation's many informal settlements.

- 3.5 **Sub-urbanization and the neglect of urban centers.** The main urban centers in Trinidad, including POS, San Fernando and Chaguanas, have all seen a significant increase in suburban development (residential and mixed-use development on the outskirts of the urban centers), while their core areas are congested, lacking in high quality public space, and aesthetically unattractive. The administratively determined capital city, POS, and the second city, San Fernando, experienced declines of 24% and 11% respectively, between the 2000 and 2011 censuses¹⁰. At the same time, of the 14 Local Government jurisdictions, five of the six in Trinidad that experienced the largest population growth between the 2000 and 2011 censuses have extremely low population densities by urban standards. Meanwhile, in Tobago, recent spatial analysis has shown that the two main urban clusters have been growing in land consumption more rapidly than their population. While the population growth rate has been equal to the global trend, the rate at which these clusters have been growing is significantly higher than the world and regional average, posing significant sustainability questions¹¹. Policies and strategic investments are needed to augment the attractiveness and functionality of urban centers as places to reside, do business and recreate, and to stem the unsustainable pattern of built-up area growth that is also associated with increased natural disaster vulnerability.
- 3.6 In this context, the Government requested a Loan for an Urban Upgrading and Revitalization Program. The operation (TT-L1056) received Eligibility on February 8th, 2019; and aims to improve the quality of life of low-income households and to increase the vitality of urban areas. It includes four main Components: Urban Upgrading; Affordable Housing Grants; Urban Regeneration/Revitalization; and Strengthening of Housing and Urban Development Sector Stakeholders Capacities. Proper preparation of the operation requires the conduct of a range of studies. The Government also requested this Technical Cooperation to allow for pertinent information to be collected and analyzed during loan preparation, thereby allowing for an adequate and responsive design and scoping of the Loan.
- 3.7 The TC is consistent with the Update to the Institutional Strategy - UIS (AB-3008) and is expected to contribute to the Corporate Results Framework 2016-2019 - CRF (GN-2727-6) through the development challenge of: (i) Social Inclusion and Equality, by facilitating the integration of informal settlers. It also aligns to the cross-cutting themes of: (i) Gender Equality and Diversity, through its targeting of female-headed households for housing grants; and (ii) Climate Change and Environmental Sustainability, through its drainage and flood-mitigation initiatives within upgrading sites and incorporation of green building technologies in Components 2 and 3. The operation is consistent with the IDB Group Country Strategy with the Republic of Trinidad and Tobago 2016-2020 (GN-2888), through the Strategic Area of Fostering Human Development and the Strategic Objective of Increasing Access to Quality Housing. It is also consistent with the IDB's Disaster Risk Management Policy (GN-2354-5), the Urban Development and Housing Sector Framework (GN-2732-6), the Climate Change Sector Framework (GN-2835-8), the Gender and Diversity Sector Framework (GN-2800-8), and the Public Utilities Policy (GN-2716-6). This operation is also consistent with the policies of the

¹⁰ GOTT, 2014a. [National Spatial Development Strategy for Trinidad and Tobago: Surveying the Scene](#).

¹¹ IDB, Urban Spatial Expansion in Tobago, publication pending.

Government as reflected in several key policy documents such as the Vision 2030 Strategy¹².

IV. Description of Activities/Components and Budget

- 4.1 The TC will finance the preparatory studies for the proposed lending operation TT-L1056. Outputs will include an Environmental and Social Management Framework, several Environmental and Social Assessments, an ex-ante Financial and Economic Analysis Report, a Housing Grants Targeting Report, pre-feasibility design reports for some civil works, a Report on baseline data, and a cleaned database of baseline data.
- 4.2 **Component I: Social and Environmental Screening and Technical; Design (US\$110,000).** This Component will finance the preparation of an overall Environmental and Social Management Framework for the proposed TT-L1056 project investments as well as Environmental and Social Assessments for sub-projects that are part of the representative samples. Under IDB rules for Multiple Works Programs, these comprise a minimum of 30% of proposed investments under Components 1 (Urban Upgrading) and Component 3 (Urban Revitalization) of the loan. For the Urban Upgrading Component, subprojects include construction or upgrading of mostly drainage, road and potable water infrastructure. The Urban Revitalization Component includes infrastructure and landscaping. In some cases, these assessments will include a Disaster Risk Assessment and a Disaster Risk Management Plan (DRMP), depending on the complexity of the project. The DRMP would propose measures to address these risks.
- 4.3 This Component will also finance engineering and architectural assessments of the scope and estimated costs of at least one sub-project. This includes review of concept designs, renders, choice of materials and methods, bills of quantities, and compliance with historic preservation protocols where applicable.
- 4.4 **Component II: Financial and Economic Screening and Baseline Data Management (US\$40,000).** This Component will finance an ex-ante financial analysis and an ex-ante economic analysis for the proposed lending operation (TT-L1056) based on the types of investments that are proposed. It will also finance the design of appropriate screening criteria for housing grant applicants
- 4.5 This Component will also finance the cleaning and organization of existing data on State land squatters, to be later potentially used as baseline data for an impact evaluation of upgrading programs.
- 4.6 The total cost of this TC will be US\$150,000.00, which will be financed by the Strategic Development Program for Sustainability (SUS). Table 1 describes the principal activities and corresponding indicative budget.

¹² GOTT, 2017. Vision 2030. Many Hearts, Many Voices, One Vision. National Development Strategy 2016-2030.

Table 1: Indicative Budget

Activity/Component	IDB/Fund Funding	Total Funding
Component I. Social and Environmental Screening and Technical Design	\$110,000.00	\$110,000.00
Component II. Financial and Economic Screening and Baseline Data Management	\$40,000.00	\$40,000.00
Total	\$150,000.00	\$150,000.00

V. Executing Agency and Execution Structure

- 5.1 The TC will be executed by the IDB through the Housing and Urban Development Division (CSD/HUD) working in conjunction with the IDB's Country Office in Trinidad and Tobago.
- 5.2 The IDB will be the executing agency because this TC will finance preparatory studies spanning a wide range of topics including Social and Environmental Assessments to Financial and Economic Analyses, Subsidy Targeting and Data Management, and pre-feasibility designs for civil works, for which no one Agency of Government is known to have the technical capability to effectively oversee execution. By contrast, the IDB, being fully conversant with the technical requirements that must be met for these studies to satisfy loan preparation criteria and having a wide range of specialists at its disposal (already working on the preparation of TT-L1056), is well placed to execute this TC in an efficient and effective manner. Consequently, the IDB is best positioned to achieve the timely coordination that is required among many consultants to ensure that the outputs of the consultancies are delivered to inform loan preparation within schedule.
- 5.3 The Division of CSD/HUD will be responsible for the administration, supervision technical, coordination and monitoring of the operation, will be responsible for the selection, hiring, supervision and payments of all consultancies, as well as evaluation of the products and results. The execution will be done in a multisectoral manner, with based on close collaboration between the divisions of CSD/HUD and the Climate Change Division (CSD/CCS), as well as with the sectors that will be involved in the preparation of the operation TT-L1056, such as the Water and Sanitation Division (INE/WSA); and the Division of Transportation (INE/TSP).
- 5.4 As the executing agency, the IDB will follow its procurement policies and guidelines related to hiring processes: (i) individual consultants will be hired in accordance with the guidelines set out in policy AM-650; (ii) consulting firms of an intellectual nature only will be hired in accordance with policy GN-2765-1 and its related Operational Guidelines (OP-1155-4); and (iii) logistics and other related services in accordance with GN-2303-20 (Corporate Procurement Policies). IDB policies will also apply to third parties hired to implement this TC.
- 5.5 The timeframe for implementing and executing the TC will be 18 months. The monitoring will seek the success of the timely implementation of the activities, assessing its effectiveness in the long-term and ensuring timely implementation, budget control, delivery and quality of goods and services, and other aspects related to project management. The IDB will produce reports every 6 months, identifying the performance of execution, potential problems, and possible corrective measures.

VI. Major Issues

- 6.1 The main risk to this TC is the lack of timeliness in the definition of remaining sub-projects in the representative sample by the Government and in the conduct of public consultations on the scope and potential impacts of these subprojects. Without this timely definition of the representative samples, several key consultancies identified in this Document cannot be effectively and efficiently conducted. The IDB will make every effort to streamline the processing of the TC and will continue to maintain a continuous dialogue with the government in which it will emphasize the necessity of expediting the identification, definition and consultations around all remaining sub-projects in the representative sample in order to have TT-L1056 approved in the third quarter of 2019 as requested by the Government. Once project identification and facilitation is forthcoming on the part of the Government, there are sufficient local and regional experts/consultants who can perform the tasks itemized in this TC.

VII. Exceptions to Bank Policy

- 7.1 There are no exceptions to IDB policy.

VIII. Environmental and Social Strategy

- 8.1 In accordance with the Environment and Safeguards Compliance Policy (OP-703), this operation does not foresee any activity that could generate negative environmental or social impacts. However, in its capacity of Operational Support to Operation TT-L1056 (social and environmental assessments, financial and economic analyses, subsidy targeting and data management, and pre-feasibility designs for civil works), this technical cooperation has been classified under Category B (same as operation TT-L1056), see [Safeguard Policy Filter \(SPF\)](#) and [Safeguard Evaluation Form for Project Classification \(SSF\)](#).

Required Annexes:

- Annex I: Request from the client¹
- Annex II: [Results Matrix](#)
- Annex III: [Terms of Reference](#)
- Annex IV: [Procurement Plan](#)

¹ The information contained in this Annex is confidential and will not be disclosed. This is in accordance with the "Deliberative Information" exception referred to in paragraph 4.1 (g) of the Access to Information Policy (GN-1831-28) at the Inter-American Development Bank.

Results Matrix





Outcomes

Outcome: [1 Proposal for Operation Development \(POD\) TT-L1056 presented to QRR](#)

Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	EOP	
1.1 Close of Quality and Risk Review		Quality and Risk Review Document	0.00	2019	TC APPROVED	P	1.00
						P(a)	
						A	

 CRF Indicator

Outputs: Annual Physical and Financial Progress

1 Financial and Economic Screening and Baseline Data Management						Physical Progress			Financial Progress			Theme	Fund	Flags
Outputs	Output Description	Unit of Measure	Baseline	Baseline Year	Means of verification	2019	EOP		2019	EOP				
1.1 Ex-ante economic and financial assessment completed		Assessment	0	2019	Report delivered	P	1	1	P	15000	15000	Sustainable Infrastructure	SUS	
						P(a)		0	P(a)		0			
						A			A	15000	15000			
1.2 Affordability assessment completed	Housing subsidy targeting study completed	Assessments (#)	0	2019	Report completed	P	1	1	P	15000	15000	Sustainable Infrastructure	SUS	
						P(a)		0	P(a)		0			
						A			A	15000	15000			
1.3 Report on baseline data completed		Report	0	2019	Report delivered	P	1	1	P	10000	10000	Sustainable Infrastructure	SUS	
						P(a)		0	P(a)		0			
						A			A	10000	10000			
2 Social and Environmental Screening and Technical Design						Physical Progress			Financial Progress			Theme	Fund	Flags
Outputs	Output Description	Unit of Measure	Baseline	Baseline Year	Means of verification	2019	EOP		2019	EOP				
2.1 Environmental impact assessment completed	Environmental and Social Management Framework	Assessments (#)	0	2019	Report completed	P	3	3	P	40000	40000	Sustainable Infrastructure	SUS	
						P(a)		0	P(a)		0			
						A			A	40000	40000			
2.2 Social impact assessment completed	Social impact assessment	Assessments (#)	0	2019	Report completed	P	3	3	P	40000	40000	Sustainable Infrastructure	SUS	
						P(a)		0	P(a)		0			
						A			A	40000	40000			
2.3 Environmental and social management framework		Framework	0	2019	Report completed	P	1	1	P	10000	10000	Sustainable Infrastructure	SUS	
						P(a)		0	P(a)		0			
						A			A	10000	10000			
2.4 Civil works design completed	Technical Design Assessment completed	Designs (#)	0	2019	Design completed	P			P	20000	20000	Sustainable Infrastructure	SUS	
						P(a)	1	1	P(a)		0			
						A			A	20000	20000			

Other Cost

Total Cost

 CRF Indicator

 Standard Output Indicator

	2019	Total Cost
P	\$150,000.00	\$150,000.00
P(a)		
A	\$150,000.00	\$150,000.00

TERMS of REFERENCE

TERMS OF REFERENCE

ENVIRONMENTAL AND SOCIAL ASSESSMENT

AND ENVIRONMENTAL AND SOCIAL MANAGEMENT FRAMEWORK FOR URBAN REVITALIZATION

TRINIDAD AND TOBAGO: TT-T1086: URBAN UPGRADING AND REVITALIZATION PROGRAM

1. Background and Justification

The Government of Trinidad and Tobago (the Government) requested a Loan for an Urban Upgrading and Revitalization Program with an amount of US\$50 million. The operation will finance a needed extension of informal settlement upgrading and affordable housing programs implemented under the recently concluded Neighborhood Upgrading Program - NUP (2469/OC-TT and will contribute to the revitalization of urban centers, as part of a strategy to foster a pattern of more sustainable built development.

The general objective of the Program is to improve the quality of life of low-income households and to increase the vitality of urban areas. The specific objectives include: (i) improve the habitability and land tenure security in informal settlements on State-owned lands; (ii) enhance housing conditions for low-income households; (iii) improve the accessibility and use of high quality urban public spaces; and (iv) strengthen the capacity of supply-side stakeholders to satisfy effective housing demand and urban development needs. The program components are:

- Component 1 - Urban Upgrading (USD15M) Consistent with the policy of successive governments over the last two decades facilitating the in-situ regularizing of informal settlements on State lands using Act 25 of 1998 as the governing framework, this Component will finance the regularization of squatter settlements on State-owned lands, with a focus on sites in the main urban corridors in both Trinidad and Tobago. In some cases, the scope of works is limited to more minor interventions focused on improving accessibility and resilience of the sites (early and emergency works) while in other cases the interventions are more comprehensive spanning accessibility and road paving, drainage, potable water etc.*
- Component 2 - Affordable Housing Program (USD 16M): This component seeks to reduce the qualitative and quantitative housing deficits, by providing subsidies nationwide to finance: (i) selective home improvements for currently-occupied homes, which qualitatively enhance the basic*

living conditions of eligible low-income households; and (ii) new home construction, which directly services the housing needs of low-income households.

- *Component 3 - Urban Regeneration/Revitalization (USD 14:5): This Component will finance a range of urban regeneration initiatives in both Trinidad and Tobago with an emphasis on improving the quality and functionality of public space. The candidate projects currently include a range spanning public space upgrades in areas proximate to retail activities, revitalization of cultural/historic sites, and refurbishment of publicly-owned retail buildings.*
- *Component 4 - Strengthening of Housing and Urban Development Sector Stakeholders Capacities (USD 1.5M) will finance a range of activities which will better equip supply-side stakeholders to address the medium-term housing and urban development needs of the country.*

Components 1 and 3, have been designed as Multiple Works Components and a sample of infrastructure investments has been identified. In compliance with Bank's safeguards policy an Environmental and Social Assessment (ESA) should be prepared to identify the nature and significance of the potential impacts of the sample projects. Additionally, a compliant Environmental and Social Management Framework (ESMF) should be prepared for assess and manage impacts of projects susceptible to be finance under the Program.

The purpose of the ESA is to provide an overview of the proposed operation, its environmental and social setting, and the likely environmental and social impacts and risks the projects in the sample might cause. Upon this results an environmental and social management plan will be set up to mitigate, manage, and monitor identified impacts and risks during the life of the operation. The ESMF will serve as an instrument to guide the overall management of the program and the preparation of projects outside the representative sample.

2. Objectives

The purpose of this consultancy is to develop an Environmental and Social Analysis (ESA) and Environmental and Social Management Plan (ESMP) for each project in the representative sample for the urban revitalization component, and to develop an Environmental and Social Management Framework for the Revitalization Component as a whole, to meet with the IDBs requirements. The ESA, ESMP, and ESMF must comply with the requirements established in the IDB Environment and Safeguards Compliance Policy and Guidelines^[1].

3.Scope of Services

The ESA, ESMP, and ESMF are expected to focus on issues of potentially significant impact including:

- *Social impacts: i) physical resettlement and/or temporary/permanent loss of livelihoods; ii) potential negative impacts linked to gender; iii) risk of social exclusion; iv) risk of indirectly inducing*

poverty (for payment of services for instance); v) governance or social conflicts that might affect project implementation.

- *Environmental impacts: during construction and operation: in the general environment in the project's influence area and to the biodiversity in particular. Additionally, natural disaster risks, cultural heritage impacts and any potential negative impacts to the long-term sustainability of the area should be identified.*

Project Sample: For the purpose of this consultancy the Project Sample would include the following

- *Urban upgrading of the Scarborough Esplanade - Upgrading and revitalization of the Esplanade to greatly improve the attractiveness and functionality of the area as a centre for services and tourism. Preliminary scoping includes construction of a boardwalk, installation of recreational facilities, landscaping, construction of a roundabout and a transit hub.; and*
- *Renovation of Eastside Plaza in Port of Spain - Upgrading of the building bringing it in line with modern day requirements and providing the amenities that is conducive to a modern-day commercial environment. There are several critical areas which require attention including the roofing of the mall, the air conditioning system and the front and back facades. Eastside Plaza was originally created as a space for a mix of micro and traditional businesses so as to expand entrepreneurship, facilitate growth and financial independence, increase opportunities for job and wealth creation and ultimately contribute to the economic, social and physical transformation of east Port of Spain. In so doing, it serves the interests of the residents of east Port of Spain.*

Before the consultancy starts the Bank will advise if there are any changes to the sample.

4.Key Activities

Environment and Social Assessment

1. *Undertake an information review of all the available documentation including EAS of previous program;*
2. *Undertake site reconnaissance of all sample projects in selected locations in Trinidad and Tobago (see point 3 above), including visual observation of the relevant areas directly and indirectly affected by the operation; describe the reasoning drivers behind selected sites.*

3. *Collect information to build the Environmental and Social baseline data and information (via field research and literature review) necessary for assessing possible impacts associated with each project of the sample; This diagnosis will comprise:*

a. *Environment conditions: i) map of main environmental conditions (geomorphology, geology; ii) weather and natural conditions; iii) identification of hydric resources and its conditions and potential contamination; iv) air quality and possible sources of contamination; v) natural conditions and biodiversity (protected areas, natural habitats etc.; v) soil use and general conditions and potential project's impacts; vi) zoning and regulations; vii) existing environment passives and/or conflicting interest regarding the projects; viii) public services linked to environment conditions (sewage, solid waste, drainage, etc.); ix) cultural sites within the project's influence areas.*

b. *Natural disaster conditions that might be enhanced by the projects in the sample;*

c. *Social situation: i) socioeconomic characterization of population in the influence area; ii) housing conditions and services; iii) main sources of income of population involved in the projects; iv) identification of vulnerable groups; v) identification of local organizations and their potential role in the projects; vi) identification of participation and civic engagement projects in the project's influence area. For both Projects, the Consultant will carry out a Full Census of all interested and affected stakeholders*

d. *Health and safety, and labor impacts and risks associated with the operation during all its phases (construction and operation);*

e. *Evaluate the legal and regulatory framework applicable to the projects in the sample including IDB policies and requirements.*

Preparation of Environmental and Social Management Plans (ESMP) and Management Framework

4. *Assessment of possible impacts and risks associated with each project in the sample during construction and operation including: resettlement (OP 710), environmental matters (as defined in OP 703); gender equality issues (OP 761); health and safety during construction and operation; community relationships plans); natural disasters risks;*

5. *Recommend mitigation, management and monitoring plans require to avoid, minimize, and or compensate for adverse environmental and social impacts for each project in the sample in the Environmental and Social Management Plan (ESMP);*

6. *The Firm will develop also an Environmental and Social Management Framework, (ESMF) including a Resettlement Framework, for the management of the environmental and social aspects*

of the Program and of the projects outside of the sample. It will also recommend mitigation, management and monitoring plans required at the level of the Program, to be included in the ESMF;

Consultation and Grievance Management

7. The Firm will prepare the consultation methodology and a Stakeholders Map (to be agreed with the Borrower and IDB), Consultation Reports (including attendance sheets, photos, videos etc.) and a summary of the main findings of the consultation activities to be included in the ESA;

8. The Firm will conduct with the assistance of the Executing Agency, meaningful consultation activities with affected stakeholders at each site, where the Borrower will present the Program, the site selection process, the main impacts and risks, the results of the draft ESA that will seek feedback from the public on the Program and the proposed ESMP and ESMF.

9. Conduct with the assistance of the Executing Agency, meaningful consultation activities with affected stakeholders at each site, where the Borrower will present the Program, the site selection process, the main impacts and risks, the results of the draft ESA that will seek feedback from the public on the Program and the proposed ESMP and ESMF.

10. The Firm will design a Stakeholder Engagement Plan and Grievance Management Plan for the Program building on the results of the consultation process to be agreed by the executing agency with IDB and local institutional counterparts.

Institutional assessment and strengthening recommendations

11. Assess institutional and technical capacity and propose a strengthening plan for the Executing Agency to manage environmental, social, cultural, health and safety and labor issues involved with the Program;

5.Expected Outcome and Deliverables

Product 1: *Work plan (including specific methodology for the Stakeholder Engagement Plan and a draft Stakeholders Map);*

Product 2: Draft ESA Report (containing ESMP and Resettlement and livelihood restoration plan if necessary) and Draft ESMF (and Resettlement framework if necessary) satisfactory to the IDB and the Borrower;

Product 3: Consultation report, to be submitted after all rounds of necessary consultations have been performed.

Product 4: Final ESA Report (containing ESMP and Resettlement and livelihood restoration plan if necessary) and Final ESMF (and Resettlement framework if necessary)

Product 2 and 4 should include the following:

- *Introduction and Program Description: objectives; location; site selection process; present status of the Program; and a timetable for construction activities. Describe the location of proposed sites, including boundaries and satellite images clearly indicating the site location relative to existing communities and roads, and to vulnerable areas (including the coastline and underwater resources when applicable), and delineating the limits of the direct and indirect areas of influence. Include, when relevant, its geology, topography (steep inclines are a concern) and soil;*
- *Legal and Regulatory Framework (i.e. national and international): evaluation of the legal and regulatory framework applicable to the Program;*
- *Evaluation of institutional and technical strengthening needs for the Executing Agency to manage environmental, social, cultural, health and safety and labor issues involved with the Program;*
- *Environmental and Social Setting: A socioeconomic, cultural and environmental baseline;*
- *Describe the flora and fauna in the project locations and determine if any threatened and endangered species and vegetations may be present in the zone of influence of the areas designated in the Law. Propose measures to eliminate these impacts (by picking alternatives housing sites) or to mitigate them (physical and institutional measures).*
- *Determine possible sources of water for the project sites, and measures to provide sufficient quantity and quality of water on a sustainable basis.*
- *Define the alternative plans and solutions for sewage collection and treatment disposal, taken special care with downstream impacts.*
- *Regarding rainwater drainage take special care with downstream impacts, including the mitigation of velocities. Verify if selected locations are prone to floods and/or other natural disasters and how to eliminate or mitigate them by design and other measures that can be applied post intervention.*
- *Social evaluation. The social impact assessment to be done as part of the ESA should include:*
- *For the whole program, and on the basis of the previous phases and the project sample, prepare procedures for resettlement plans in compliance with OP-710 if necessary.*
- *Compile the socioeconomic profile of the types of families that will be benefited by the program. (These data will be obtained by other studies as part of program preparation).*
- *For both Projects, the Consultant will carry out a Full Census of all interested and affected stakeholders. The Full Census of all interested and affected stakeholders will be based on a questionnaire to be discussed with the IDB. The data will then be processed, and the results*

analyzed. The findings will have to be then written up for inclusion in the ESIA Report (possibly as an appendix, to be discussed with IDB) and will also be included in summary form in the Consultation Report. Please note that the Ministry of Housing and Urban Development will provide some baseline data on tenants in Eastside Plaza from its own records as well as from the design consultants currently working on Eastside Plaza.

- A social action plan, including for resettlement, should be done for the project sample, starting with the detailed socioeconomic cadastral of the families, the process of consultation, the alternatives for urbanization in situ and relocation. Identify the need for new social services, including health and education, in the intervened areas.*
- Consider the risk of impoverishment of the affected families, specially relocated ones if any, and take appropriate mitigating measures, in accordance with OP-710.*
- Assist in the preparation of the physical and institutional measures for the prevention of new squatters' settlements.*
- Environmental and Social Impacts and Risks assessment of the potential direct, indirect and cumulative environmental and social impacts and risks of the proposed Program both during construction and operation;*
- Public Consultations and Grievance Mechanism: A description of public consultations undertaken at five sites during the assessment process. Design a grievance mechanism to receive and address concerns raised by communities and individuals about actions, impacts and results related to the program;*
- Environmental and Social Management Plan proposed environmental and social management plan to be implemented by the Executing Agency. The Plan should include procedures for, but not limited to: Solid Waste and Hazardous Waste Management; Water/wastewater Management, Hazardous Material Management. Specific provisions for Stakeholder Engagement and Grievance Management, will be included in specific plans (Stakeholder Engagement Plan – SEP and Grievance Management Plan - GMP), to be developed based on IDB Requirements. If needed also a Resettlement and Livelihood restoration plan.*
- Environmental and Social Management Framework, and if needed Resettlement Framework.*

Every deliverable must be submitted to the Bank in an electronic file, in an editable format compatible with Microsoft Office, and should include cover, main document and annexes. (Zip files will not be accepted as final reports, due to regulations from the Records Management Section). The Firm will assist the Borrower performing all necessary meaningful consultation activities at all locations. Summary of consultation activities will be included in the draft and final ESA, and in the Consultation Report.

6. Project Schedule and Milestones

- Product 1: Work plan to be submitted within one week after signature of the contract;*
- Product 2: Draft ESA Report and Draft ESMF to be submitted within six weeks after contract signature;*
- Product 3: Consultation report, to be submitted after all rounds of necessary consultations have been performed, no later than nine weeks after contract signature.*

- *Product 4: Final ESA Report to be submitted within twelve weeks after contract signature incorporating comments from the Bank and Borrower. The final version should be ready to be posted on the internet from both Borrower and IDB.*

7. Reporting Requirements

The Consulting Firm will prepare the above described Reports (Work Plan, Draft ESA and Draft ESMF, Consultation Report, and Final ESA Report, according to the schedule outlined above.

8. Acceptance Criteria

The Above cited Reports will be deemed acceptable when so certified by the Project Team Leader, considering the advice of the IDB Team Environmental and Social Specialists, who in turn shall examine them for due attention to bank policies and regulations

9. Other Requirements

There are no special requirements of this assignment.

10. Supervision and Reporting

The firm will Report to the IDB Team Leader supported by the IDB Team Environmental and Social Specialists. Weekly briefings shall be given the IDB Team Environmental and Social Specialists, and the Team Leader shall be briefed on progress every two weeks.

11. Schedule of Payments

Payment terms will be based on project milestones or deliverables. The Bank does not expect to make advance payments under consulting contracts unless a significant amount of travel is required. The Bank wishes to receive the most competitive cost proposal for the services described herein.

1. *The IDB Official Exchange Rate indicated in the RFP will be applied for necessary conversions of local currency payments.*

2. *Payment will be made for approved deliverables per the following schedule:*

<i>submission and acceptance of Product 1</i>	<i>20%</i>
<i>submission and acceptance of Product 2</i>	<i>40%</i>
<i>submission and approval by the Bank of Product 3 and 4</i>	<i>40%</i>

[\[1\] IDB Safeguard Policies and Guidelines are available at www.iadb.org/sustainability](http://www.iadb.org/sustainability)

TERMS OF REFERENCE

ENVIRONMENTAL AND SOCIAL ASSESSMENT

AND ENVIRONMENTAL AND SOCIAL MANAGEMENT FRAMEWORK:

URBAN UPGRADING

TRINIDAD AND TOBAGO: TT-T1086: URBAN UPGRADING AND REVITALIZATION PROGRAM

Job Title: Environmental and Social Assessment: Urban Upgrading

Background of this search: CSD/HUD is looking for a professional with a background in conducting social and environmental assessments in urban informal settlements

The Government of Trinidad and Tobago (the Government) requested a Loan for an Urban Upgrading and Revitalization Program with an amount of US\$50 million. The operation will finance a needed extension of informal settlement upgrading and affordable housing programs implemented under the recently concluded Neighborhood Upgrading Program - NUP (2469/OC-TT and will contribute to the revitalization of urban centers, as part of a strategy to foster a pattern of more sustainable built development.

The general objective of the Program is to improve the quality of life of low-income households and to increase the vitality of urban areas. The specific objectives include: (i) improve the habitability and land tenure security in informal settlements on State-owned lands; (ii) enhance housing conditions for low-income households; (iii) improve the accessibility and use of high quality urban public spaces; and (iv) strengthen the capacity of supply-side stakeholders to satisfy effective housing demand and urban development needs. The program components are:

- **Component 1** - Urban Upgrading (USD15M) Consistent with the policy of successive governments over the last two decades facilitating the in-situ regularizing of informal settlements on State lands using Act 25 of 1998 as the governing framework, this Component will finance the regularization of squatter settlements on State-owned lands, with a focus on sites in the main urban corridors in both Trinidad and Tobago. In some cases, the scope of works is limited to more minor interventions focused on improving accessibility and resilience of the sites (early and emergency works) while in other cases the interventions are more comprehensive spanning accessibility and road paving, drainage, potable water etc.
- **Component 2** - Affordable Housing Program (USD 16M): This component seeks to reduce the qualitative and quantitative housing deficits, by providing subsidies nationwide to finance: (i) selective home improvements for currently-occupied homes, which qualitatively enhance the basic living conditions of eligible low-income households; and (ii) new home construction, which directly services the housing needs of low-income households.
- **Component 3** - Urban Regeneration/Revitalization (USD 14:5): This Component will finance a range of urban regeneration initiatives in both Trinidad and Tobago with an emphasis on improving the quality and functionality of public space. The candidate projects currently include a

range spanning public space upgrades in areas proximate to retail activities, revitalization of cultural/historic sites, and refurbishment of publicly-owned retail buildings.

- **Component 4** - Strengthening of Housing and Urban Development Sector Stakeholders Capacities (USD 1.5M) will finance a range of activities which will better equip supply-side stakeholders to address the medium-term housing and urban development needs of the country.

Components 1 and 3, have been designed as Multiple Works Components and a sample of infrastructure investments has been identified. In compliance with Bank's safeguards policy an Environmental and Social Assessment (ESA) should be prepared to identify the nature and significance of the potential impacts of the sample projects. Additionally, a compliant Environmental and Social Management Framework (ESMF) should be prepared for assess and manage impacts of projects susceptible to be finance under the Program.

The purpose of the ESA is to provide an overview of the proposed operation, its environmental and social setting, and the likely environmental and social impacts and risks the projects in the sample might cause. Upon this results an environmental and social management plan will be set up to mitigate, manage, and monitor identified impacts and risks during the life of the operation. The ESMF will serve as an instrument to guide the overall management of the program and the preparation of projects outside the representative sample.

The purpose of this assignment is to develop an Environmental and Social Analysis (ESA) and Environmental and Social Management Plan (ESMP) for each project in the representative sample for the Urban Upgrading Component, and to develop an Environmental and Social Management Framework for the Urban Upgrading Component as a whole, to meet with the IDBs requirements. The ESA, ESMP, and ESMF must comply with the requirements established in the IDB Environment and Safeguards Compliance Policy and Guidelines^[1].

The team's mission: *CSD/HUD is responsible in the IDB for providing technical assistance and operational support in sustainable housing and urban development for the 26 borrowing countries of the Bank.*

What you'll do:

The ESA, ESMP, and ESMF are expected to focus on issues of potentially significant impact including:

- *Social impacts: i) physical resettlement and/or temporary/permanent loss of livelihoods; ii) potential negative impacts linked to gender; iii) risk of social exclusion; iv) risk of indirectly inducing poverty (for payment of services for instance); v) governance or social conflicts that might affect project implementation.*

- *Environmental impacts: during construction and operation: in the general environment in the project's influence area and to the biodiversity in particular. Additionally, natural disaster risks, cultural heritage impacts and any potential negative impacts to the long-term sustainability of the area should be identified.*

Project Sample: For the purpose of this assignment, the Project Sample would include three squatter sites in urban areas of Trinidad that are located on State lands. Likely locations include Bois Bande C, Sahodeen Trace (Sangre Grande), and Factory Road (Diego Martin).

Before the assignment starts the Bank will advise the final selection of the sample sites.

Specific tasks are as follows:

Environment and Social Assessment

1. *Undertake an information review of all the available documentation including EAS of previous program;*
2. *Undertake site reconnaissance of all sample projects in selected locations in Trinidad and Tobago (see point 3 above), including visual observation of the relevant areas directly and indirectly affected by the operation; describe the reasoning drivers behind selected sites.*
3. *Review (and supplement where necessary) household and site information recently collected by the Land Settlement Agency to build the Environmental and Social baseline data and information (via field research and literature review) necessary for assessing possible impacts associated with each project of the sample; This diagnosis will comprise:*
 - a. *Environment conditions: i) map of main environmental conditions (geomorphology, geology; ii) weather and natural conditions; iii) identification of hydric resources and its conditions and potential contamination; iv) air quality and possible sources of contamination; v) natural conditions and biodiversity (protected areas, natural habitats etc.; v) soil use and general conditions and potential project's impacts; vi) zoning and regulations; vii) existing environment passives and/or conflicting interest regarding the projects; viii) public services linked to environment conditions (sewage, solid waste, drainage, etc.); ix) cultural sites within the project's influence areas.*
 - b. *Natural disaster conditions that might be enhanced by the projects in the sample;*
 - c. *Social situation: i) socioeconomic characterization of population in the influence area; ii) housing conditions and services; iii) main sources of income of population involved in the projects; iv) identification of vulnerable groups; v) identification of local organizations and their potential role in the projects; vi) identification of participation and civic engagement projects in the project's influence area.*
 - d. *Health and safety, and labor impacts and risks associated with the operation during all its phases (construction and operation);*
 - e. *Evaluate the legal and regulatory framework applicable to the projects in the sample including IDB policies and requirements.*

Preparation of Environmental and Social Management Plans (ESMP) and Management Framework

4. *Assessment of possible impacts and risks associated with each project in the sample during construction and operation including: resettlement (OP 710), environmental matters (as defined in OP 703); gender equality issues (OP 761); health and safety during construction and operation; community relationships plans); natural disasters risks;*
5. *Recommend mitigation, management and monitoring plans require to avoid, minimize, and or compensate for adverse environmental and social impacts for each project in the sample in the Environmental and Social Management Plan (ESMP);*
6. *The contractual will develop also an Environmental and Social Management Framework, (ESMF) including a Resettlement Framework, for the management of the environmental and social aspects of the Program and of the projects outside of the sample. It will also recommend mitigation, management and monitoring plans required at the level of the Program, to be included in the ESMF;*

Consultation and Grievance Management

7. *The contractual will prepare the consultation methodology and a Stakeholders Map (to be agreed with the Borrower and IDB), Consultation Reports (including attendance sheets, photos, videos etc.) and a summary of the main findings of the consultation activities to be included in the ESA;*
8. *The contractual will conduct with the assistance of the Executing Agency, meaningful consultation activities with affected stakeholders at each site, where the Borrower will present the Program, the site selection process, the main impacts and risks, the results of the draft ESA that will seek feedback from the public on the Program and the proposed ESMP and ESMF.*
9. *Conduct with the assistance of the Executing Agency, meaningful consultation activities with affected stakeholders at each site, where the Borrower will present the Program, the site selection process, the main impacts and risks, the results of the draft ESA that will seek feedback from the public on the Program and the proposed ESMP and ESMF.*
10. *The contractual will design a Stakeholder Engagement Plan and Grievance Management Plan for the Program building on the results of the consultation process to be agreed by the executing agency with IDB and local institutional counterparts.*

Institutional assessment and strengthening recommendations

11. *Assess institutional and technical capacity and propose a strengthening plan for the Executing Agency to manage environmental, social, cultural, health and safety and labor issues involved with the Program;*

Deliverables and Payments timeline:

Product 1: Work plan (including specific methodology for the Stakeholder Engagement Plan and a draft Stakeholders Map);

Product 2: Draft ESA Report (containing ESMP and Resettlement and livelihood restoration plan if necessary) and Draft ESMF (and Resettlement framework if necessary) satisfactory to the IDB and the Borrower;

Product 3: Consultation report, to be submitted after all rounds of necessary consultations have been performed.

Product 4: Final ESA Report (containing ESMP and Resettlement and livelihood restoration plan if necessary) and Final ESMF (and Resettlement framework if necessary)

Product 1: Work plan to be submitted within one week after signature of the contract;

Product 2: Draft ESA Report and Draft ESMF to be submitted within three weeks after contract signature;

Product 3: Consultation report, to be submitted after all rounds of necessary consultations have been performed, no later than five weeks after contract signature.

Product 4: Final ESA Report to be submitted within eight weeks after contract signature incorporating comments from the Bank and Borrower. The final version should be ready to be posted on the internet from both Borrower and IDB.

Payment will be made for approved deliverables per the following schedule:

<i>submission and acceptance of Product 1</i>	<i>20%</i>
<i>submission and acceptance of Product 2</i>	<i>40%</i>
<i>submission and approval by the Bank of Product 3 and 4</i>	<i>40%</i>

What you'll need:

Citizenship:

- *You are a citizen of one of our 48-member countries.*

Consanguinity: *You have no family members (up to fourth degree of consanguinity and second degree of affinity, including spouse) working at the IDB Group.*

Education: *academic degree/certification in urban planning, land management/surveying, environmental science, sociology, economics or a related field*

Experience:

- *At least 10 years of experience in urban planning/human settlements planning or a related field*
- *Deep working knowledge of urban upgrading*
- *Working familiarity with the land development regulatory framework and institutional actors in
Trinidad and Tobago*

Languages: *English*

Core and Technical Competencies:

- *Ability to analyze and carry out research reports with very little supervision*
- *Experience evaluating social and environmental conditions in urban informal settlements*
- *Knowledge of Trinidad and Tobago context as evidenced by prior work experience in the region*

Opportunity Summary:

- *Type of contract and modality: PEC (Individual)*
- *Length of contract: 35 days over 2 months*
- *Starting date: TBD*
- *Location: Trinidad and Tobago*
- *Responsible person: Robin Rajack, Lead Specialist*
- *Requirements: You must be a citizen of one of the [IDB's 48 member countries and have no family members currently working at the IDB Group.](#)*

Our culture: *Our people are committed and passionate about improving lives in Latin-America and the Caribbean, and they get to do what they love in a diverse, collaborative and stimulating work environment. We are the first Latin American and Caribbean development institution to be awarded the EDGE certification, recognizing our strong commitment to gender equality. As an employee you can be part of internal resource groups that connect our diverse community around common interests.*

We encourage women, afro-descendants, people of indigenous origins, and persons with disabilities to apply.

About us: At the IDB, we're committed to improving lives. Since 1959, we've been a leading source of long-term financing for economic, social, and institutional development in Latin America and the Caribbean. We do more than lending though. We partner with our 48-member countries to provide Latin America and the Caribbean with cutting-edge research about relevant development issues, policy advice to inform their decisions, and technical assistance to improve on the planning and execution of projects. For this, we need people who not only have the right skills, but also are passionate about improving lives.

Our team in Human Resources carefully reviews all applications.

[1] IDB Safeguard Policies and Guidelines are available at www.iadb.org/sustainability

TERMS OF REFERENCE

Consultancy for Reviewing Engineering Design Work and Costing Restoration of a Heritage Site

TRINIDAD AND TOBAGO

[Web link to approved document]

(TT-T1086)

Job Title: Historic Restoration Design Review and Costing

Background of this search: CSD/HUD is looking for an experienced professional with a background in restoration of historic buildings/sites.

The Government of Trinidad and Tobago (the Government) requested a loan for an Urban Upgrading and Revitalization Program in the amount of US\$50 million. While the operation will finance a needed extension of informal settlement upgrading and affordable housing programs implemented under the recently concluded Neighborhood Upgrading Program - NUP (2469/OC-TT), this new loan will prioritize settlement upgrading in the main urbanized corridors and also contribute to the revitalization of some urban centers, as part of a strategy to foster a pattern of more sustainable urban development.

The Government's urban policy seeks to improve the functionality and attractiveness of urban centers as places for business, leisure, and residential activity. Within this scope, several specific urban regeneration projects are to be undertaken under the Urban Upgrading and Revitalization Program (TT-L1056). One of these projects is the Restoration of Fort Picton in East Port of Spain¹. In 2015 Cole Engineering completed engineering designs for the restoration of Fort Picton and its surrounding infrastructure under the IDB-financed Emerging and Sustainable Cities Initiative (ESCI) for Port of Spain. However, that product did not include cost estimates and it is less clear whether adequate attention was played to the heritage sensitivities of the building and proposed restoration.

The objective of this assignment is to review an existing design and bidding documents and to generate an informed cost-estimate for the restoration of Fort Picton in a manner that respects its heritage status.

The team's mission: CSD/HUD is responsible in the IDB for providing technical assistance and operational support in sustainable housing and urban development for the 26 borrowing countries of the Bank.

¹ Fort Picton, despite being a valuable heritage site, is in disrepair and is not currently easily accessible.

What you'll do:

- 1. Make multiple site visits to Fort Picton and its surrounding infrastructure to inspect the facility, take measurements as necessary, and to formulate a Work Plan;*
- 2. Conduct any supplementary architectural/historical research that may be necessary to ascertain what works would be compliant with the original design and use of materials.*
- 3. Review the structural proposal and bidding documents prepared by Cole Engineering, assessing the adequacy of the scoping, proposed construction materials and proposed construction techniques for the proper restoration of Fort Picton as a heritage structure;*
- 4. Make specific recommendations for adjustments to the scope, choice of construction materials and proposed construction techniques in the Cole Engineering proposal and bidding documents (including the Bill of Quantities) to ensure that it satisfies criteria for restoration of a heritage structure;*
- 5. Produce a total preliminary cost estimate (subject to contingencies) for the structural reconstruction and the restoration finishes of the Fort Picton Tower and for the surrounding areas within the perimeter of the heritage site, based on the Cole Engineering designs and any adjustments proposed in task 4 above. These cost estimates should be broken down into two options: an intermediate scope option that would apply if funding is limited but which would still see the facility restored for public use; and a full scope option consistent with the Cole Engineering design as adapted under this assignment.*

Deliverables and Payments timeline:

<i>Deliverable</i>	<i>Payment</i>
<i>Submission and acceptance of Work Plan</i>	<i>20%</i>
<i>Submission and acceptance by the IDB of a Report evaluating the adequacy of the Cole Engineering designs and bidding documents and proposing adjustments that adequately respect the facility's heritage status</i>	<i>50%</i>
<i>Submission and acceptance by the IDB of a second Report with detailed costing estimates for the restorative work</i>	<i>30%</i>

What you'll need:

Citizenship:

- You are a citizen of one of our 48-member countries.

Consanguinity: You have no family members (up to fourth degree of consanguinity and second degree of affinity, including spouse) working at the IDB Group.

Education: Academic degree in architecture, civil engineering or a related field

Experience:

- At least 10 years of experience in restoration of historic buildings
- At least 10 years working in multi-disciplinary teams including architects, engineers, quantity surveyors etc.

Languages: English

Core and Technical Competencies:

- Knowledge of civil engineering design terminologies and methods
- Knowledge of quantity surveying terminologies and methods
- Specialized knowledge in restoration of historic buildings
- Knowledge of the country context (Trinidad and Tobago) including pertinent local laws and regulations
- Contemporary knowledge of construction costs in Trinidad and Tobago

Opportunity Summary:

- Type of contract and modality: PEC (Individual)
- Length of contract: 40 days of effort over a 3 month period
- Starting date: TBD
- Location: Trinidad and Tobago
- Responsible person: Robin Rajack
- Requirements: You must be a citizen of one of the [IDB's 48 member countries](#) and have no family members currently working at the IDB Group.

Our culture: *Our people are committed and passionate about improving lives in Latin-America and the Caribbean, and they get to do what they love in a diverse, collaborative and stimulating work environment. We are the first Latin American and Caribbean development institution to be awarded the EDGE certification, recognizing our strong commitment to gender equality. As an employee you can be part of internal resource groups that connect our diverse community around common interests.*

We encourage women, afro-descendants, people of indigenous origins, and persons with disabilities to apply.

About us: *At the IDB, we're committed to improving lives. Since 1959, we've been a leading source of long-term financing for economic, social, and institutional development in Latin America and the Caribbean. We do more than lending though. We partner with our 48-member countries to provide Latin America and the Caribbean with cutting-edge research about relevant development issues, policy advice to inform their decisions, and technical assistance to improve on the planning and execution of projects. For this, we need people who not only have the right skills, but also are passionate about improving lives.*

Our team in Human Resources carefully reviews all applications.

TERMS OF REFERENCE

Data Harmonization and Cleaning

TRINIDAD AND TOBAGO: TT-T1086: URBAN UPGRADING AND REVITALIZATION PROGRAM

Job Title: Data Analyst Contractual

Background of this search: CSD/HUD is looking for a professional with a background in cleaning and analyzing datasets.

The Republic of Trinidad and Tobago (TT) is a two-island state located at the southern end of the Caribbean, with a population estimated at 1,229,953 (July 2010 est.). The majority of TT's population is concentrated in urban areas and settlements at the foothills of its northerly mountain range. In the last decade, the prospects of a better economic future have fueled an unprecedented internal migration and steady growth in urbanization (annual rate of 2.9%, 2005-10 estimated), which has increased the demand for land, housing and urban services in the larger island, thereby placing pressure on land and housing markets.

The Government of Trinidad and Tobago (the Government) requested a Loan for an Urban Upgrading and Revitalization Program with an amount of US\$50 million. While the operation will finance a needed extension of informal settlement upgrading and affordable housing programs implemented under the recently concluded Neighborhood Upgrading Program - NUP (2469/OC-TT), this new loan, the fourth successive IDB-financed operation, will prioritize upgrading in the main urbanized corridors and also contribute to the revitalization of urban centers, as part of a strategy to foster a pattern of more sustainable built development.

A survey of squatters conducted by the Land Settlement Agency between 2009 and 2012 revealed that there were significantly more squatter sites in Trinidad than the 251 Designated Areas listed in the Schedule of the State Land (Regularisation of Tenure) Act Chapter 57:05, Act 25 of 1998. The total number of sites including the designated areas was 396. That survey revealed that there were 41,219 structures. The total number of families who were interviewed was 29,619. The dataset resulting from that Survey is hereafter referred to as SRS 2012.

The new loan (TT-L1056) proposes to continue urban upgrading efforts and to conduct an impact evaluation of past regularization initiatives in Trinidad. As part of these efforts there is a need to analyze the above referenced dataset of squatter household surveys – SRS 2012. Before that can be done, however, the dataset needs harmonization and cleaning.

This assignment aims to i) harmonize and clean the variables and indicators of the SRS 2012 of Trinidad and Tobago; ii) prepare appropriate technical documents regarding the harmonization and use of the SRS 2012; iii) prepare descriptive statistics on the results of the SRS 2012.

The team's mission: CSD/HUD is responsible in the IDB for providing technical assistance and operational support in sustainable housing and urban development for the 26 borrowing countries of the Bank.

What you'll do:

1. Conduct a review of the SRS 2012 and preparation of a Work Plan. This activity will include a review the methodological documents, sampling and questionnaires that accompany the SRS 2012, interviews with the research team and a review of the SRS 2012 by module (using means, standard deviations, median, minima and maxima values as diagnostic tools) to identify variables that present problematic entries, coding errors, missing values, and completeness problems. For certain variables, where quantities are assessed with more than one variable, the contractual will check that the two sources of information are (reasonably) consistent. In cases where inconsistencies are identified, the contractual will try to determine the source of inconsistencies by analyzing the data and/or discussing the results with the government SRS research team.
2. Present a specific proposal to the IDB's Technical Team (TT) for cleaning and harmonization of problematic variables. This should include a list of variables and indicators, by topic and/or module, for which harmonization and cleaning is proposed to be carried out.
3. Clean and harmonize the dataset, based upon the agreed criteria and variables. Note that the TT will probably require that derived variables are created from the original variables (i.e. recoding, reclassification, etc.) The contractual will rename all original variables in the SRS 2012 with some naming convention agreed upon with the TT, and leave both the original and new (clean, harmonized, derived, etc.) in the same Stata dataset. The Stata dataset will include all variable and value labels (when appropriate), and a complete dictionary of variables in Excel (preferably) or Word should be provided. In addition, the contractual will provide Stata do files for all data cleaning steps. These do files should be clearly documented and allow going from the original SRS 2012 to the clean version of the survey.
4. Present descriptive statistics for the new harmonized and clean variables, either in Tables or graphs. Those statistics should include the mean, standard deviation, median (when appropriate), minima and

maxima, as well as percentage of missing values. In addition to the descriptive statistics overall, the contractual will generate descriptive statistics by interview year.

- 5. Document the results of the harmonization, and the descriptive statistics in 4). In terms of harmonization and cleaning, the contractual will document, in detail the harmonization methodology and the steps carried out for that harmonization and cleaning, citing some examples, providing a summary of changes and decisions taken. This should be organized by module.*
- 6. Produce descriptive statistics comparing specific treatment sites (Preliminary Listing is given in Annex I and is to be finalized before the start of the assignment) with all other sites, using the statistics described in 4).*

Deliverables and Payments timeline:

<i>Deliverable</i>	<i>Payment</i>
<i>Submission and approval of Work Plan</i>	<i>20%</i>
<i>SRS 2012 data diagnostics and proposal for data cleaning and harmonization, as specified in activities 1) and 2).</i>	<i>40%</i>
<i>Stata dataset satisfying the requirements listed in activity 3), as well as the Stata do files and dictionary of variables listed in the same activity.</i>	<i>40%</i>
<i>Final Report: Including the results and documentation requested in activities 4) to 9).</i>	

What you'll need:

Citizenship:

- You are a citizen of one of our 48-member countries.*

Consanguinity: *You have no family members (up to fourth degree of consanguinity and second degree of affinity, including spouse) working at the IDB Group.*

Education: Master's degree Economics/Statistics or a related field

Experience:

- At least 2 years of experience in working with datasets such as household surveys
- Competency in Stata and Excel

Languages: English

Core and Technical Competencies:

- Ability to analyze and carry out research reports with very little supervision
- Experience working on research projects
- Knowledge of the country context (Trinidad and Tobago)

Opportunity Summary:

- Type of contract and modality: PEC (individual)
- Length of contract: 30 non-consecutive days
- Starting date: TBD
- Location: Trinidad and Tobago
- Responsible person: Robin Rajack, Lead Specialist, IDB
- Requirements: You must be a citizen of one of the [IDB's 48 member countries](#) and have no family members currently working at the IDB Group.

Our culture: Our people are committed and passionate about improving lives in Latin-America and the Caribbean, and they get to do what they love in a diverse, collaborative and stimulating work environment.

We are the first Latin American and Caribbean development institution to be awarded the EDGE certification, recognizing our strong commitment to gender equality. As an employee you can be part of internal resource groups that connect our diverse community around common interests.

We encourage women, afro-descendants, people of indigenous origins, and persons with disabilities to apply.

About us: *At the IDB, we're committed to improving lives. Since 1959, we've been a leading source of long-term financing for economic, social, and institutional development in Latin America and the Caribbean. We do more than lending though. We partner with our 48-member countries to provide Latin America and the Caribbean with cutting-edge research about relevant development issues, policy advice to inform their decisions, and technical assistance to improve on the planning and execution of projects. For this, we need people who not only have the right skills, but also are passionate about improving lives.*

Our team in Human Resources carefully reviews all applications.

TERMS OF REFERENCE

Consultancy for Structuring and Targeting Housing Financial Support

TRINIDAD AND TOBAGO

[Web link to approved document]

(TT-T1086)

Job Title: Housing Finance and Targeting Consultant

Background of this search: CSD/HUD is looking for a professional with a background in housing finance and subsidy targeting

The Government of Trinidad and Tobago (the Government) requested a Loan for an Urban Upgrading and Revitalization Program with an amount of US\$50 million. The operation will finance a needed extension of informal settlement upgrading and affordable housing programs implemented under the recently concluded Neighborhood Upgrading Program - NUP (2469/OC-TT and will contribute to the revitalization of urban centers, as part of a strategy to foster a pattern of more sustainable built development.

The National Spatial Development Strategy (NSDS) of 2013 estimated an annual housing demand of 5,000 units per year up to 2033 to cater for the formation of new households, as well as replacement of aging housing stock.² There is, however, an acute shortage of formal housing for low-income households³, evidenced in part by rampant squatting and a waiting list for state-supplied housing that exceeds 175,000 applicants according to the Housing Development Corporation (HDC). An increase in migrants is adding further pressure, with a recent Study noting 2,243 Venezuelans in Trinidad who were registered with the United Nations High Commissioner for Refugees (UNHCR) in May 2018⁴ and unconfirmed estimates suggesting that the when unregistered migrants are added, the figure is much higher.

In the housing production chain, the country's rankings in the World Bank's 2019 Doing Business Rankings⁵ for enforcing contracts, land registration and construction permitting, of 174th, 158th and 125th, respectively, are illustrative of systemic challenges. Nationally, the House-Price-to-Wages ratio was consistently over 10:1 for the last two decades,⁶ much higher than the 3:1 threshold of affordability defined

² Government of Trinidad and Tobago, 2014a. [National Spatial Development Strategy \(NSDS\) for Trinidad and Tobago: Surveying the Scene.](#)

³ While a more precise definition will be arrived at during preparation, under NUP (2469/OC-TT), a monthly household income limit of TT\$8,000 was used as a threshold for identifying low-income households in the housing subsidies component

⁴ UNICEF 2018. [Migration flows in Latin America and the Caribbean Situation Report No. 4](#)

⁵ World Bank. 2018. [Doing Business 2019: Training for Reform – Trinidad and Tobago \(English\). Doing Business 2019. Washington, D.C.: World Bank Group](#)

⁶ IDB, 2017b. IDBG Country Strategy with The Republic of Trinidad And Tobago. 2016-2020. Washington. D.C.

by international standards.⁷ In this reality, Government's ongoing housing policy includes New Home Subsidies with 986 such grants given under NUP,⁸ and subsidized interest rates through the Trinidad and Tobago Mortgage Finance Company (TTMF) which in December 2018 received a partial-credit guarantee of TT\$120 million from IDB Invest – the IDB's private sector arm. The publicly-owned TTMF issues subsidized loans with starting interest rates of 2% and 5% for the purchase or construction of private residences (open market rate has ranged between 7% and 8% in the last decade), offering a valuable service to households with marketable land titles and regular and enough income to afford mortgages – although many low-income households do not fit these criteria.

In addition to the high incidence of informality, housing in urban areas is older than the rest of the stock and suffers from significant qualitative deficits. According to the 2011 Census, 71% of the stock in Port of Spain (POS), and over 50% in the adjoining populous urban areas of Diego Martin and San Juan/Laventille, as well as in San Fernando, was built prior to 1980. Moreover, 2012 UN-Habitat Urban Profiling exercises found poor housing in terms of durability, adequacy and design in the Greater POS Area⁹, San Fernando¹⁰ and Scarborough, Tobago¹¹. This is consistent with a 2005 Survey of Living Conditions finding that 30% of the poorest households had outer walls of their houses made of wood or galvanize¹².¹⁹ Such walls are used as an imperfect proxy for qualitatively-deficient housing based on observational evidence, including the prevalence of such structures in informal settlements where poverty is concentrated. In this context, the Government instituted a Home Improvement Grant Programme in 2004. Under NUP, 2,850 beneficiaries received such grants and by the end of that program in 2017 there were hundreds of pre-screened applicants who were deemed eligible but did not receive grants due to limitations on funding.

The Affordable Housing Grants Component of the proposed new loan seeks to reduce the qualitative and quantitative housing deficits, by providing grants nationwide to finance: (i) selective home improvements for currently-occupied homes, which qualitatively enhance the basic living conditions of eligible low-income households; and (ii) new home construction, which directly services the housing needs of low-income households. For home-improvement, grant amounts will be greater if the proposed use advances urban development and housing sector policies such as more compact urban form, expanding rental housing, and incorporating green technologies. As with the NUP (2469/OC-TT), female-headed households will be specifically targeted and eligible households¹³ will come from both islands. Caps for the grants will use as a point of reference those established under the NUP.

For home improvement grants, it is anticipated that following an open application window, households and proposed projects will be screened by technical officers of the MHUD and largely implemented as owner-managed projects without public procurement of goods or labour. For home construction grants, a

⁷ Cox W. & Pavletich H. 2009. [5th Annual Demographia International Housing Affordability Survey: 2009 Ratings for Metropolitan Markets.](#)

⁸ Government of Trinidad and Tobago, 2018. Final Evaluation of the Trinidad & Tobago Neighborhood Upgrading Program - NUP (TT-L1016).

⁹ UNHABITAT. 2012. [Trinidad and Tobago: Port of Spain Urban Profile. Nairobi. Kenya.](#)

¹⁰ UNHABITAT 2012. [Trinidad and Tobago: San Fernando Urban Profile. Nairobi. Kenya.](#)

¹¹ UNHABITAT 2012. [Trinidad and Tobago: Scarborough Urban Profile. Nairobi. Kenya](#)

¹² Kairi Consultants Ltd., 2007. Analysis of the 2005 Survey of Living Conditions for Trinidad and Tobago.

two-tranche system will be used as under 2469/OC-TT. While it is anticipated that most home improvement or construction grants will be for owner-managed projects, the grants will also be payable directly to an intermediary such as one of the more established Credit Unions or to a pre-qualified Executing Developer certified by MHUD, as practiced under the NUP but to be scaled up. Caps will be included in the Proposal for Operation Development (POD) and will use the limits established under 2469/OC-TT as a point of reference

The objective of this assignment is to make informed recommendations for the effective targeting of proposed housing subsidies/grants under the proposed new lending operation, TT-L1056.

The team's mission: *CSD/HUD is responsible in the IDB for providing technical assistance and operational support in sustainable housing and urban development for the 26 borrowing countries of the Bank.*

What you'll do:

Assess the structure and scale of quantitative and qualitative housing deficit (current and tendential) in Trinidad and Tobago using demographic, economic, and housing conditions data from the 2011 Population Census and the Survey of Living Conditions (2005 and 2014), and other sources. Wherever data allows, the diagnosis of current and tendential housing deficits should consider: a) quantitative and qualitative deficits; b) deficits in different income strata; and c) deficits by beneficiary type (e.g formal, informal, armed forces, young people, women headed households, seniors, people with different capacities/ disabilities etc.). The associated analysis of housing production should likewise differentiate by type of solution e.g new housing acquisition; used housing acquisition; assisted self-production; home improvement; housing for rent, social housing; squatting etc.

Review existing programs to document, compare, and analyze the efficacy of support for housing low-income households in Trinidad and Tobago, using lessons from good practice and focusing on key characteristics of the beneficiary populations, screening criteria, qualifying criteria, program budgets, historical delivery volume, financial terms of service, and other pertinent targeting mechanisms. These should include but not be limited to programs of the Trinidad and Tobago Mortgage Finance Company, Ministry of Housing and Urban Development, the Housing Development Corporation, the Land Settlement Agency, the East Port of Spain Development Company, the National Self-Help Commission, lending operations of the commercial banks and the Credit Unions, recent and ongoing support of multilaterals such as IDB Invest and the International Finance Corporation (the private sector arms of the IDB group and the World Bank Group, respectively), and charitable initiatives of NGOs.

Based on the above tasks, identify categories and quantities of low-income households who are inadequately serviced by existing programs and who experience significant deficits in their housing and surrounding environments

Make recommendations for the targeting, screening, out-reach, structuring, and administration of financial support for housing under the proposed lending operation, TT-L1056, based on the above tasks and taking into consideration the policy goals of the proposed lending operation TT-L1056, as well as lessons learnt and international good practice for subsidy programs. It is expected that recommendations would evaluate possible prioritization criteria such as a) maximum household income, (b) demonstrable ownership or right to occupy the land where the construction or improvement is to be carried out; (c) citizenship and demographic characteristics of the applicant household; (d) evidence of savings or access to complimentary finance; among others. The proposals should also include recommendations on the number and size of the grants/subsidies/guarantees to be offered to eligible households, including differences in assistance levels that may be utilized to promote urban development and housing sector policies such as more compact urban form, expanding rental housing, and incorporation of green building technologies.

Deliverables and Payments timeline:

<i>Deliverable</i>	<i>Payment</i>
<i>Acceptance of Work Plan</i>	<i>20%</i>
<i>Submission and acceptance by the IDB of a Report estimating the scale of quantitative and qualitative housing deficit analyzing the efficacy of support for housing low-income households in Trinidad and Tobago</i>	<i>40%</i>
<i>Submission and acceptance by the IDB of a second Report identifying targeted categories of low-income households under TT-L1056 and including recommendations for the targeting, screening, out-reach, structuring, and administration of financial support for housing under the proposed lending operation; as well as a PPT Presentation summarizing the overall approach and findings of this assignment.</i>	<i>40%</i>

What you'll need:

Citizenship:

- *You are a citizen of one of our 48-member countries.*

Consanguinity: *You have no family members (up to fourth degree of consanguinity and second degree of affinity, including spouse) working at the IDB Group.*

Education: *Master's degree in urban development/planning, finance, economics or a related field*

Experience:

- *At least 7 years of experience in in the design and implementation of financing mechanisms for housing and in the development of instruments and public policies of housing solutions of social interest*
- *Fluency in the use of standard financial management and accounting software*

Languages: *English*

Core and Technical Competencies:

- *Ability to analyze and carry out research reports with very little supervision*
- *Experience evaluating housing finance and low-income support programs*
- *Knowledge of Latin America and the Caribbean context as evidenced by prior work experience in the region*

Opportunity Summary:

- *Type of contract and modality: PEC (Individual)*
- *Length of contract: 25 days of effort spread across a 3 month period*
- *Starting date: TBD*

- *Location: Place of residence with at least 6 days spent in Trinidad and Tobago spread across 2 trips*
- *Responsible person: Robin Rajack, Lead Specialist*
- *Requirements: You must be a citizen of one of the [IDB's 48 member countries](#) and have no family members currently working at the IDB Group.*

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Our team in Human Resources carefully reviews all applications.

divisions: (i) Environment, Rural Development and Disaster Risk Management Division; (ii) the Climate Change Division; and the (iii) the Housing and Urban Development Division.

The Housing and Urban Development Division of the Climate Change and Sustainable Development Sector of the IDB is currently working on the preparation of a new lending operation in Trinidad and Tobago, Urban Upgrading and Revitalization Program (TT-L1056) for an indicative amount of US\$50 million. They are looking for a professional with a micro-economic background to conduct an ex-ante economic analysis for the project.

The team:

The Housing and Urban Development Division (HUD), was created from the merge of the urban cluster of the Bank with the Sustainable Cities Initiative (ESCI). HUD is responsible for developing and overseeing analytical support and strategic thinking with a forward-looking vision on cities' sustainability in LAC, thus seeking to contribute to the goals and commitments included in the [Selection process #1056](#).

TERMS OF REFERENCE

Consultancy for Ex-ante Financial and Economic Analysis

TRINIDAD AND TOBAGO

[\[Web link to approved document\]](#)

Trinidad and Tobago Urban Upgrading and Revitalization (TT-T1086)

Job Title: Financial and Economic Analysis Consultant

Background:

Established in 1959, the Inter-American Development Bank ("IDB" or "Bank") is the main source of financing for economic, social and institutional development in Latin America and the Caribbean (LAC). It provides loans, grants, guarantees, policy advice and technical assistance to the public and private sectors of its borrowing countries.

The main function of the Climate Change and Sustainable Development Sector within the Vice-Presidency of Sectors and Knowledge (VPS) of the Bank is to conceptualize, prepare, support the execution and supervise the Bank's operations in borrowing member countries, using its technical and operational experience, as well as for mainstreaming climate change and sustainability considerations in the design and execution of Bank projects. CSD's main activities include lending operations, technical assistance, and knowledge generation. CSD is composed of three divisions and is aligned with both the Sustainable Development Goals (SDGs) and the New Urban Agenda. In recent years, HUD has actively led in the design and implementation of operations and knowledge projects in the sector. 18 sovereign guarantee operations have been approved (US\$1,426,170,000), distributed across the four LAC subregions where the Bank operates.

The general objective of the Urban Upgrading and Revitalization Program is to improve the quality of life of low-income households and to increase the vitality of urban areas. The specific objectives include: (i) improve the habitability and land tenure security in informal settlements on State-owned lands; (ii) enhance housing conditions for low-income households; (iii) improve the use of urban public spaces; and (iv) strengthen the capacity of supply-side stakeholders to satisfy effective housing demand and urban development needs. The program has 4 main components:

- **Component 1 - Urban Upgrading** (: (USD15M) Consistent with the policy of successive governments over the last two decades facilitating the in-situ regularizing of informal settlements on State lands using Act 25 of 1998 as the governing framework, this Component will finance the regularization of squatter settlements on State-owned lands, with a focus on sites in the main urban corridors in both Trinidad and Tobago. In some cases, the scope of works is limited to more minor interventions focused on improving accessibility and resilience of the sites (early and emergency works) while in other cases the interventions are more comprehensive spanning accessibility and road paving, drainage, potable water etc.
- **Component 2 - Affordable Housing Program** (USD 16M): This component seeks to reduce the qualitative and quantitative housing deficits, by providing subsidies nationwide to finance: (i) selective home improvements for currently-occupied homes, which qualitatively enhance the basic living conditions of eligible low-income households; and (ii) new home construction, which directly services the housing needs of low-income households.
- **Component 3 - Urban Regeneration/Revitalization** (USD 14:5): This Component will finance a range of urban regeneration initiatives in both Trinidad and Tobago with an emphasis on improving the quality and functionality of public space. The candidate projects currently include a range spanning public space upgrades in areas proximate to retail activities, revitalization of cultural/historic sites, and refurbishment of publicly-owned retail buildings.
- **Component 4 - Strengthening of Housing and Urban Development Sector Stakeholders Capacities** (USD 1.5M) will finance a range of activities which will better equip supply-side stakeholders to address the medium-term housing and urban development needs of the country.

What you'll do:

The consultant is expected to carry out the following activities:

- Review studies on the housing and urban development sector in Trinidad and Tobago
- Participate in missions as part of the project team or independently, if so required, providing guidance to the members of the project team and their national counterparts.
- Define the methodology to be 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, reporting requirements will be established.
- Perform economic evaluation using the methodology agreed upon once the basic elements (based on the information collected) have been defined: (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 the results; and (iii) Based on the economic analysis, identify measurable indicators for the program to be 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.*
- *Support the analysis with appropriate economic theory and relevant empirical evidence.*
- *According to the economic evaluation, verify and set goals for the output, outcome and impact indicators of the program.*
- *Collaborate with the project team to define the indicators for the M&E system and impact evaluation, and the collection of data required for the M&E system.*

Deliverables:

The consultant shall produce the following reports:

- *A preliminary report shall be submitted to the Bank. The report will include the selected methodology and the main benefits and costs identified.*
- *An Economic and Financial Assessment Final Report at the end of its work, which will incorporate the comments of Government and the Bank. This report shall include, inter alia:*
 - *Methodological Background;*
 - *Economic and financial analysis of the program;*
 - *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%;*
 - *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*
 - *Recommendations for project results matrix.*

Products must be delivered in digital, editable format, including all relevant annexes and supporting data.

Payment timeline:

<i>Payment</i>	<i>Amount</i>	<i>Description</i>
<i>1</i>	<i>20%</i>	<i>Upon submission and acceptance of a Work Plan</i>
<i>2</i>	<i>30%</i>	<i>Completion and approval of the Preliminary Report including the selected methodology and the main benefits and costs identified</i>
<i>3</i>	<i>50%</i>	<i>Completion and approval of the Economic Assessment Final Report and all associated data.</i>

Skills you'll need:

- **Education:** Masters degree (preferably Doctorate) in Economics, Urban Planning or a related field.
- **Experience:** At least 10 years of experience in economic/urban analysis with some emphasis on housing and urban development. Working experience in the developing world is also required.
- **Languages:** English
- **Core and Technical Competencies:** teamwork, clear communication skills, micro-economic analysis, financial analysis

Opportunity Summary:

- **Type of contract and modality:** Products and External Services Contractual, Lump Sum
- **Length of contract:** 30 days over a period of 4.5 months
- **Location:** Consultant's home base (Trinidad and Tobago)
- **Responsible person:** Lead Specialist, Housing and Urban Development
- **Requirements:** You must be a citizen of one of the IDB's 48 member countries and have no family members currently working at the IDB Group.

Our culture: Working with us you will be surrounded by a diverse group of people who have years of experience in all types of development fields, including transportation, health, gender and diversity, communications and much more.

About us: At the Inter-American Development Bank, we're devoted to improving lives. Since 1959, we've been a leading source of long-term financing for economic, social, and institutional development in Latin America and the Caribbean. We do more than lending though. We partner with our 48-member countries to provide Latin America and the Caribbean with cutting-edge research about relevant development issues, policy advice to inform their decisions, and technical assistance to improve on the planning and execution of projects. For this, we need people who not only have the right skills, but also are passionate about improving lives.

Payment and Conditions: Compensation will be determined in accordance with Bank's policies and procedures. The Bank, pursuant to applicable policies, may contribute toward travel and moving expenses. In addition, candidates must be citizens of an IDB member country.

Visa and Work Permit: The Bank, pursuant to applicable policies, may submit a visa request to the applicable immigration authorities; however, the granting of the visa is at the discretion of the immigration authorities. Notwithstanding, it is the responsibility of the candidate to obtain the necessary visa or work permits required by the authorities of the country(ies) in which the services will be rendered to the Bank.

If a candidate cannot obtain a visa or work permit to render services to the Bank the contractual offer will be rescinded

Consanguinity: Pursuant to applicable Bank policy, candidates with relatives (including the fourth degree of consanguinity and the second degree of affinity, including spouse) working for the IDB, IDB Invest, or MIF as staff members or Complementary Workforce contractuels, will not be eligible to provide services for the Bank.

Diversity: The Bank is committed to diversity and inclusion and to providing equal opportunities to all candidates. We embrace diversity based on gender, age, education, national origin, ethnic origin, race, disability, sexual orientation, and religion. We encourage women, Afro-descendants and persons of indigenous origins to apply.

[

PROCUREMENT PLAN FOR IDB-EXECUTED OPERATIONS														
Country: The Republic of Trinidad and Tobago						Executing Agency: IDB					UDR: CSD/CSD			
Project number: TT-T1086						Project name: Trinidad and Tobago Urban Upgrading and Revitalization								
Period covered by the Plan: [18 months]						Total Project Amount: \$ 150,000								
Component	Procurement Type (1) (2)	Service type (1) (2)	Description	Estimated contract cost (US\$)	Selection Method (2)	Type of Contract	Source of Financing and Percentage				Estimated date of the procurement notice	Estimated contract start date	Estimated contract length	Comments
							IDB/MIF		Other External Donor					
							Amount	%	Amount	%				
Component 1	A. Consulting services	Consulting Firm (GN-2765)	Environmental and Social Management Framework and Environmental and Social Assessments - Revitalization	\$ 60,000	SSS	Lump Sum	\$ 60,000	100%	\$ -	0%		June 6th 2019	4 months	
Component 1	A. Consulting services	Individual Consultant (AM- 650)	Historic Restoration Design Review and Costing	\$ 20,000	ICQ	Lump Sum	\$ 20,000	100%	\$ -	0%		June 15th 2019	3 months	
Component 1	A. Consulting services	Individual Consultant (AM- 650)	Environmental and Social Management Framework and Environmental and Social Assessments - Upgrading	\$ 30,000	ICQ	Lump Sum	\$ 30,000	100%	\$ -	0%		June 6th 2019	3 months	
Component 2	A. Consulting services	Individual Consultant (AM- 650)	Ex-ante Financial and Economic Analysis	\$ 15,000	SSS	Lump Sum	\$ 15,000	100%	\$ -	0%		June 6th 2019	3 months	
Component 2	A. Consulting services	Individual Consultant (AM- 650)	Design of screening criteria for housing grant applicants	\$ 15,000	ICQ	Lump Sum	\$ 15,000	100%	\$ -	0%		June 10th 2019	3 months	
Component 2	A. Consulting services	Individual Consultant (AM- 650)	Baseline data management (cleaning and organising) for State land squatters	\$ 10,000	ICQ	Lump Sum	\$ 10,000	100%	\$ -	0%		June 15th 2019	3 months	
Prepared by:	Priya Ramsumair-John		TOTALS	\$ 150,000			\$ 150,000	100%	\$ -	0%				
(1) Grouping together of similar procurement is recommended, such as 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".														
(2) (i) Individual consultants: ICQ: Individual Consultant Selection Based on Qualifications; SSS: Single Source Selection. Selection process to be done in accordance with AM-650.														
(2) (ii) Consulting firms: Per GN-2765-1, Consulting Firm selection methods for Bank-executed Operations are: Single Source Selection (SSS); Simplified Competitive Selection (<=250K) (SCS); Fully Competitive (>250K) (FCS); and Framework Agreement Task Order (TO). All Consulting Firm selection processes under this policy must use the electronic module in Convergence.														
(2) (iii) Goods: Per GN-2765-1, par. A.2.2.c: "The procurement of goods and related services, except when such goods and related services are necessary to achieve the objectives of the Bank-executed Operational Work and are included in the consulting services contract and represent less than ten percent (10%) of the consulting services contract value."														