

## ABSTRACT OF TECHNICAL COOPERATION

### I. Basic project data

• Country/Region:	REGIONAL
• TC Name:	INE Support to SCL Social Infrastructure Projects
• TC Number :	RG-T3038
• Team Leader/Members :	Santelices, Cristian - Team Leader; Irigoyen, Jose Luis - Alternate Team Leader; Camacho Lopez, Marcos - Team Member; Mills, Greta Maria - Team Member; Mattiuzzo, Victoria Alexandra - Project Assistant; Cardenas, Susana Rosario - Team Member; Alfonso, Mariana - Team Member; Minoja, Livia – Team Member; Hidalgo Roca, Iciar – Team Member; Jimenez De Arechaga, Maria Del Pilar – Attorney; Denis, Guirlaine - Project Assistant
• Indicate if: Operational Support, Client Support, or Research & Dissemination:	Research and Dissemination
• Reference to Request (ezShare #):	
• Date of TC Abstract:	25 May 2017
• Beneficiary (countries or entities which are the recipient of the technical assistance):	LAC
• Executing Agency and contact name (Organization or entity responsible for executing the TC Program):	US-IDB - Cristian Santelices
• IDB Funding Requested:	\$ 450,000.00
• Local counterpart funding, if any:	\$ 0.00
• Disbursement period (which includes execution period):	24 months
• Required start date:	1 of July 2017
• Types of consultants:	Individuals
• Prepared by Unit:	Infrastructure & Environment
• Unit of Disbursement Responsibility:	Social inclusion and equality, Environmental sustainability
• Included in Country Strategy:	No
• TC included in CPD:	No
• Strategic Alignment:	Social inclusion and equality, Environmental sustainability

### II. Objective and Justification

- 2.1 The main objective of this TC is to strengthen the SCL Bank's teams, by providing technical expertise for the preparation and execution of the social infrastructure

components of the operations lead by the Education (SCL/EDU) and Health (SCL/SPH) Divisions.

- 2.2 The operations led by the SCL Department often include the construction of schools and hospitals, which require specialized technical supervision of execution planning instruments, technical specifications and construction drawings, bidding documents and selection proposals for construction and supervision firms, as well as construction site visits, supervision of construction works disbursement, operating plans and maintenance plans, among others. The technical teams of EDU and SPH are conformed by highly trained professionals in their technical sectorial subjects, but with little experience in infrastructure construction issues. The lack of technical knowledge requires the SCL teams to rely on external consultancies or sporadic collaboration with INE colleagues, approached on a case by case and unstructured protocol.
- 2.3 Due to the above, the INE Management has agreed with SCL to develop an operational mechanism where a team of infrastructure professionals, under the management of INE/INE, can provide systematic and timely support to colleagues in the EDU and SPH Divisions. This TC will fund a first phase of INE support, as a pilot program, which will start providing support to EDU and will expand to SPH.

### III. Description of activities and outputs

- 3.1 **Component I: Operational support for the preparation and execution of social infrastructure.** This component will finance consultants with strong expertise in social infrastructure and the cost of their missions for supporting EDU teams during the preparation and execution of operations in Argentina, Costa Rica, Haiti, Honduras, Perú and Panamá, as a first pilot. Other countries and SCL operations will be added once the services provided begin to show positive results in terms of improving the quality of interventions and reducing the time and costs of social infrastructure. The consultants, to be coordinated by the INE Management, will provide technical support and will carry out the following activities:
- 3.2 During preparation of operations: (a) Review of design aspects: assessment of technical specifications in tender documents, preliminary designs and construction designs, which include the verification of project location, architectural program, architectural design, structural design, basic services provision, cost-estimation, operation and maintenance plans; and (b) Analysis of planning and procurement aspects: review and verify that: (i) construction schedules are realistic and their elaboration is based on the capacity of the Executing Unit (EU) to handle procurement, (ii) the selection processes of construction and supervision firms are managed efficiently, and (iii) the procurement plan considers availability and capacity of construction and consulting firms in the local market, the possibility of attracting qualified competition, the experience of the EU for contract management, the historical time schedules for contracting (from publication until signature of contracts), among other aspects.
- 3.3 During execution of Infrastructure components: Provide technical support for monitoring the execution of the infrastructure components during a period to be defined with the TL, using the management and monitoring tools approved by the Bank. These actions will allow to keep information updated, to monitor the progress in program execution and, in case of delays, to define the actions that need to be undertaken to improve implementation. The consultants will support the team leaders by: reviewing PEP and PP, participate in construction work site visits, monitor the

financial progress of the infrastructure components, provide inputs for IDB periodic reports, provide specialized technical consultancies when requested, analyze disputes that might occur during construction or supervision, provide a control panel to keep information updated.

- 3.4 Component II: Revision of construction norms and standards.** This component will finance the revision, to be undertaken together with EDU and SPH, of the work done in compiling best practices for school and health infrastructure in LAC countries and in the international experience. The most relevant information and aspects of school construction policies, as the first pilot, will be collected and organized in a structured form in an online platform under EDU. The knowledge platform might include, among others, the following information: analysis and collection of school prototypes, operational technical guide for school construction, guidelines for the provision of basic services and energy efficiency of scholar facilities, best practices in maintaining social infrastructure, indications for compliance with climate change objectives, and cost-estimate of school construction among the region.

#### **IV. Budget**

**Preliminary Budget**

<b>Activity</b>	<b>IDB/Fund Funding</b>	<b>Counterpart Funding</b>	<b>Total Funding</b>
Component 1: Operational support for the preparation and execution of social infrastructure	\$ 350,000.00	\$ 0.00	\$ 350,000.00
Component 2: Revision of construction norms and standards	\$ 100,000.00	\$ 0.00	\$ 100,000.00

#### **V. Executing agency and execution structure**

- 5.1 The TC will be executed by the IDB, through its Infrastructure and Energy Management (INE/INE).
- 5.2 Given the strategic objectives of this TC and in accordance with Appendix 10 of the Operational Guidelines for Technical Cooperation Products, Revised Version (GN-2629-1), this TC will be implemented by the IDB, through its Infrastructure and Energy Management (INE/INE).

#### **VI. Project Risks and issues**

- 6.1 Due to the nature and activities set forth in this TC, the project team has not identified significant risks associated with its execution.

#### **VII. Environmental and Social Classification**

- 7.1 The ESG classification for this operation is C.