

**Infrastructure contractual for the Social Programs Support Unit (INE/INE)  
Temporary Term Contractual (TTC)**

**Terms of Reference**

**Context:** The contractual will provide specialized support to improve technical quality (architectural and civil engineering aspects), ensuring compliance with standards, and including trends, good practices and lessons learned in the projects, and ensuring the integrality between design, construction, equipment and maintenance strategies in the projects and knowledge area when s/he acts.

**The team:** In 2017, the management of the Infrastructure and Energy Sector (INE/INE) and the management of the Social Sector (SCL/SCL), agreed to create the Social Infrastructure Unit (UIS, for its abbreviation in Spanish) to provide specialized technical support for programs and projects financed by the Bank's Social Sector that have infrastructure components.

The UIS has among its objectives the generation of knowledge aimed to promote: good practices in planning, procurement, design, construction and supervision of social infrastructure. The publication of knowledge products of high technical quality is an essential element to achieve this objective. In order to achieve these objectives, it is necessary to have a professional that will add value to the team assisting with its continuous and successful collaboration with the SCL Sector and to ensure that knowledge products meet quality standards.

**What you will do:** In this position, the contractual will develop the following activities:

1. Knowledge and Innovation: The contractual will work on the review of best practices for social infrastructure, in order to organize and publish different knowledge products that support and complement the operational activities, by performing the following functions:
  - a) In coordination with the UIS, develop significant guidelines and recommendations that will support and improve the design and execution of Banks loan operations.
  - b) In coordination with other areas and Divisions of the Bank, develop workshops, documents and guidelines.
  - c) Support in systematizing, reviewing and analyzing models and prototypes used for schools and health facilities in the region;
  - d) Supervise external consultants work, reviewing deliverables and providing feedback and comments related to his/her field of experience;
  - e) In coordination with the INE Communication Specialist, design and implement strategies for the dissemination of the Unit's knowledge products.
2. Standards and designs:
  - a) Review norms and standards for the design and construction of educational and health facilities, with a focus on environmental sustainability using energy efficient solutions, and the promotion of fair and quality spaces;

- b) Define architectural and engineering guidelines for the design and construction of functional and environmentally efficient in the case of new construction, as well as guidelines for improvement and retrofit of existing buildings.
3. Other themes
- a) Advise and provide technical input, as part of the Support Unit, to the project teams on topics related to his/her field of expertise;
  - b) Prepare background studies and technical documents, as well as other analytical contributing to the Strategy, Program and Project;
  - c) Promote and participate of the collaborative work with other areas and divisions of the IDB;
  - d) Contribute to the collection, dissemination, documentation and analysis of lessons learned in social infrastructure;
  - e) Organize and participate in missions and / or seminars, when requested;
  - f) Other activities, at the request of INE.

The contractual will work on the review of new trends and lesson learned in social infrastructure, in order to propose new solutions to the projects, as well as efficiency energetic and climate change measures, use of different construction systems, incorporation of new technologies, search for spaces functional and humanized, sustainable infrastructure, etc.

**Qualifications that you will need:**

- **Education:** Master's in architecture or engineering. At least 5 years of experience in operations/projects that includes social infrastructure components, urban development, architecture or civil engineering in Latin American and Caribbean countries.
- **Experience:** Professional with experience in project management, planning, coordination and construction of architectural works, including experience in the design and construction of social infrastructure projects (schools, medical centers, hospitals, etc.) with a focus on the regulation and the needs of people with disabilities, so that the designs consider inclusive parameters. Experience in the design and execution of projects and loans, preferably financed by international development agencies.
- **Languages:** Fluent in Spanish and English, spoken and written, required. Additional knowledge of French and Portuguese is preferable.

**Summary of the opportunity:**

- **Consultancy type and modality:** Temporary Term Contract (TTC), Monthly
- **Contract duration:** 6 months
- **Start Date:** xxx
- **Place(s) of work:** IDB Headquarters, Washington D.C, USA.
- **Responsible person:** Manager INE
- **Requisites:** You must be a citizen of one of the [48-member countries of the IDB](#) and not have family members who currently work at the IDB Group.

**Our culture:** Working with us, you will be surrounded by a diverse group of experts in all types of development fields, including education, health, gender and diversity, and beyond.

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

**Payment and Conditions:** Compensation will be determined in accordance with Bank's policies and procedures. 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 Bank as staff members or Complementary Workforce contractuales, 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 on the basis of gender, age, education, national origin, ethnic origin, race, disability, sexual orientation, religion, and HIV/AIDS status. We encourage women, Afro-descendants and persons of indigenous origins to apply.

**Consultoría para el desarrollo de una guía técnica operativa para la aplicación de principios de arquitectura verde en proyectos de infraestructura social del sector público (INE/INE)**

**Términos de Referencia**

**Contexto:** El objetivo de esta consultoría es desarrollar: (i) una guía técnica que tiene el propósito de brindar información relevante para los tomadores de decisiones y ejecutores de proyectos de construcción de infraestructura social, con el objetivo de fomentar las construcciones de infraestructura sostenible (“verdes”) en la región. Las directrices están destinadas a ilustrar las estrategias y conceptos de diseño sostenible, proporcionando un punto de partida para futuras investigaciones; y (ii) indicaciones para el cumplimiento de los objetivos de cambio climático en proyectos financiados por el Banco.

**El equipo:** En el año 2017, la gerencia del Sector de Infraestructura y Energía (INE/INE) y la gerencia del Sector Social (SCL/SCL), acordaron la creación de la Unidad de Infraestructura Social (UIS) para brindar apoyo técnico especializado en los programas y proyectos financiados por el Sector Social del Banco que tienen componentes de infraestructura.

La UIS tiene entre sus objetivos la generación de conocimiento dirigido a fomentar las buenas prácticas en planificación, adquisiciones, diseño, construcción y supervisión de infraestructura social; la publicación de productos de conocimiento de alta calidad técnica es un elemento esencial para lograr dicho objetivo. Por eso es necesario contar con los datos precisos para asegurar que la colaboración técnica con otros equipos y los productos de conocimiento cumplan con los estándares de calidad.

**Lo que harás:** El contractual deberá realizar las siguientes actividades:

1. Análisis de la literatura y buenas prácticas a nivel internacional:
  - a) Realizar un análisis de la literatura existente para identificar las líneas de debate internacional en el marco de construcciones de infraestructura social sostenibles a nivel mundial;
  - b) Identificar mejores prácticas utilizadas a nivel internacional, analizar sus pros y contras, así como su aplicabilidad en la región;
2. Elaborar una guía técnica que incluya los siguientes temas:
  - a) Introducción: ¿porque es importante considerar la arquitectura sostenible en la construcción de infraestructura social?
    - Ventajas económicas
    - Ventajas en la salud y bienestar de los estudiantes
    - Sostenibilidad ambiental y resiliencia
  - b) Bienestar ambiental
    - Iluminación natural
    - Iluminación artificial con ahorro energético
    - Porcentaje de ventilación

- Temperatura interna
- c) Estrategias de diseño bioclimático
  - Importancia de análisis y adaptación al clima
  - Orientación del edificio
  - Uso de sistemas pasivos
  - Uso de vegetación
  - Materiales y sistemas constructivos
- d) Uso de tecnologías verdes
  - Manejo de aguas
  - Manejo de residuos
  - Manejo de energía
  - Manual de uso
- e) Ciclo de vida del inmueble y mantenimiento
  - Mantenimiento ordinario
  - Mantenimiento extraordinario
  - Plazos y ciclo de vida del sistema
  - Reciclaje y/o disposición al final del ciclo de vida

**Informes/Entregables:** El contractual deberá producir los siguientes productos:

1. Informe Inicial con el plan de trabajo detallado de la consultoría, dentro de los 5 (cinco) días de suscrito el contrato.
2. Informe Intermedio con:
  - a) Reporte del análisis de la literatura existentes
  - b) Índice de la propuesta de elaboración de la guía técnica
  - c) Borrador del paginado gráfico
3. Informe final con los productos referidos en el plan de trabajo, incluyendo la descripción de los trabajos realizados y los productos específicos desarrollados, que serán:
  - a) Reporte final sobre el análisis de la literatura existentes;
  - b) Guía técnica final.

Los documentos se presentarán en idioma español y en archivo electrónico que pueda ser editado (Microsoft Word, Microsoft Excel y Microsoft Project). Archivos en formato Zip no serán aceptados como informes finales debido a los reglamentos de la Sección de Administración de Archivos.

**Cronograma de pagos:** Los servicios de consultoría se contratarán por suma alzada y se pagarán en función de la presentación y aprobación, por parte del Banco, de los informes anteriores, de la siguiente forma:

- 20% a la firma del contrato;
- 20% a la entrega de los borradores de los productos acordados;
- 60% a la entrega de los productos acordados, aprobados por el Banco.

**Habilidades que necesitarás:**

- **Educación:** Master o equivalente en ingeniería o arquitectura, con un mínimo de 10 años de experiencia profesional relevante, o la combinación equivalente de educación y experiencia.
- **Experiencia:** Profesional con experiencia en el desarrollo y diseño de manuales y guías operativas. Relevante experiencia en arquitectura sostenible, bioclimática, con el uso de tecnologías verdes con un enfoque en la reglamentación y las necesidades de las personas con discapacidad, de manera que los diseños consideren parámetros inclusivos. **Idiomas:** Dominio hablado y escrito de español e inglés.

**Competencias generales y técnicas:** Literatura, comunicación o disciplina relacionada con capacidad de coordinación.

**Resumen de la oportunidad:**

- **Tipo de contrato y modalidad:** Contractual de Productos y Servicios Externos, Suma Alzada (PEC).
- **Duración del contrato:** XXX días hábiles de trabajo no continuos distribuidos durante el periodo comprendido entre el XXX y el XXX.
- **Fecha de inicio:** xxx de xxxx de xxx
- **Ubicación:** Consultoría Externa
- **Persona responsable:** La consultoría será supervisada y coordinada por el Gerente de INE.
- **Requisitos:** Debes ser ciudadano/a de uno de los [48 países miembros del BID](#) y no tener familiares que trabajen actualmente en el Grupo BID.

**Nuestra cultura:** Trabajando con nosotros, estarás rodeado por un grupo diverso de expertos en todo tipo de campos de desarrollo, incluyendo educación, salud, género y diversidad, y más.

**Sobre nosotros:** En el Banco Interamericano de Desarrollo, estamos dedicados a mejorar vidas. Desde 1959, hemos sido una fuente importante de financiamiento a largo plazo para el desarrollo económico, social e institucional en América Latina y el Caribe. Sin embargo, hacemos más que prestar. Nos asociamos con nuestros 48 países miembros para proporcionar a América Latina y el Caribe investigaciones de vanguardia sobre temas de desarrollo relevantes, asesoramiento de políticas para informar sus decisiones y asistencia técnica para mejorar la planificación y ejecución de proyectos. Para ello, necesitamos personas que no sólo tengan las habilidades adecuadas, sino que también sean apasionadas por mejorar vidas.

**Pago y Condiciones:** La compensación será determinada de acuerdo a las políticas y procedimientos del Banco. El Banco, en conformidad con las políticas aplicables, podrá contribuir a los gastos de viaje y mudanza. Adicionalmente, los candidatos deberán ser ciudadanos de uno de los países miembros del BID.

**Visa y permiso de trabajo:** El Banco, en conformidad con las políticas aplicables, podrá presentar la solicitud de visa a las autoridades migratorias pertinentes; sin embargo, la concesión de la visa estará a la discreción de las autoridades migratorias. No obstante, es responsabilidad del candidato obtener la visa o permiso de trabajo necesario y requerido por las autoridades del

país(es) en donde serán prestados los servicios al Banco. Si un candidato no puede obtener la visa o permiso de trabajo para prestar servicios al Banco, la oferta contractual será rescindida.

**Consanguinidad:** De conformidad con la política del Banco aplicable, los candidatos con parientes (incluyendo cuarto grado de consanguinidad y segundo grado de afinidad, incluyendo conyugue) que trabajan para el Banco como funcionario o contractual de la fuerza contractual complementaria, no serán elegibles para proveer servicios al Banco.

**Diversidad:** El Banco está comprometido con la diversidad e inclusión y la igualdad de oportunidades para todos los candidatos. Acogemos la diversidad sobre la base de género, edad, educación, origen nacional, origen étnico, raza, discapacidad, orientación sexual, religión, y estatus de VIH/SIDA. Alentamos a aplicar a mujeres; afrodescendientes y a personas de origen indígena.

## Climate Change Contractual to Incorporate Climate Change Elements in the Health Sector

### Temporary Term Contractual (TTC)

#### Terms of Reference

**Context:** Climate change is a risk multiplier that threatens to unravel decades of development gains. Among the most critical and direct risks to humans is the impact of climate change on health. Addressing these climate-associated health risks is critical. Alongside risk, there is opportunity. Responses to climate change have unearthed significant potential for improving both human health and the environment. Low-carbon and climate-resilient healthcare provide an approach for designing, building, operating, and investing in health systems and facilities that generate minimal amounts of greenhouse gases. It puts health systems on a climate-smart development path, aligning health development and delivery with global climate goals. This approach saves money by reducing energy and resource costs. It can improve the quality of care in a diversity of settings. Low-carbon and climate-resilient healthcare strengthen health systems by increasing facilities' resilience to extreme weather events and other disasters, while also promoting approaches to adaptation.

The contractual will provide specialized support to incorporate the low-carbon and resilient healthcare approach to the health infrastructure funded by the IDB in the Latin American and Caribbean region.

**The team:** In 2017, the management of the Infrastructure and Energy Sector (INE/INE) and the management of the Social Sector (SCL/SCL), agreed to create the Social Infrastructure Unit (UIS, for its abbreviation in Spanish) to provide specialized technical support for programs and projects financed by the Bank's Social Sector that have infrastructure components.

The UIS has among its objectives the generation of knowledge aimed to promote: good practices (including low-carbon and resilience) in planning, procurement, design, construction and supervision of social infrastructure. The generation of knowledge products of high technical quality is an essential element to achieve this objective. In order to achieve these objectives, it is necessary to have a professional that will add value to the team assisting with its continuous and successful collaboration with the Health Sector and to ensure that knowledge products meet quality standards.

**What you will do:** In this position, the contractual will develop the following activities:

4. Prepare integrated guidelines on low-carbon and climate- resilient health facilities.
  - a. Review of the Health Division portfolio and propose flexible guidelines and recommendations that will support and improve the design and execution of Banks loan operations.



- b. Propose guidelines to develop a new portfolio on low-carbon and climate-resilient health facilities.
5. In coordination with the INE Communication Specialist, design and implement strategies for the dissemination of the Unit's knowledge products (internally and externally).
6. Advise and provide technical input, as part of the Support Unit, to the project teams on topics related to his/her field of expertise;
7. Supervise external consultants work, reviewing deliverables and providing feedback and comments related to his/her field of experience;
8. Prepare background studies and technical documents, as well as other analytical contributing to the Strategy, Program and Project;
9. Promote and participate of the collaborative work with other areas and divisions of the IDB;
10. Contribute to the collection, dissemination, documentation and analysis of lessons learned in social infrastructure;
11. Organize and participate in missions and / or seminars, when requested;
12. Other activities, at the request of INE.

**Qualifications that you will need:**

- **Education:** Master's in architecture or engineering with knowledge of sustainability, energy efficiency and renewable energy.
- **Experience:** Professional with experience in project management, planning, coordination and construction of architectural works, including experience in the design and construction of social infrastructure projects (schools, medical centers, hospitals, etc.). At least 5 years of experience in operations/projects that includes the introduction of climate change resiliency, renewable energy and improvement in energy efficiency in public buildings.
- **Languages:** Fluent in Spanish and English, spoken and written, required. Additional knowledge of French and Portuguese is preferable.

**Summary of the opportunity:**

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- **Contract duration:** 6 months
- **Start Date:** xxx
- **Place(s) of work:** IDB Headquarters, Washington D.C, USA.
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