Selection# 1262918 – ID4D Technical Experts: Providing technical and operational support for identification systems in developing countries

Deadline for applying is Wednesday, June 5, at 11:59pm EST (see details below on how to apply)

Terms of Reference

Background

Despite significant progress in recent years, the World Bank Group estimates that one billion people are still unable to prove who they are, and many more have forms of ID that cannot be reliably verified or authenticated. Without a secure and trusted way to prove their identity, people struggle to open a bank account, enroll in school, access health and social services, or obtain a mobile phone. The poorest and most vulnerable often face the highest risk of being excluded. In the digital age, the lack of ‘Good’ ID systems creates challenges for fully leveraging the opportunities being created through digital government and the digital economy, such as e-commerce, digital financial services and cross-border transactions. It is for these reasons that the international community committed to, “provide legal identity for all, including birth registration” by 2030 through Sustainable Development Goal (SDG) target 16.9.

In response, the World Bank Group’s Identification for Development (ID4D) Initiative was launched in 2014 to leverage global knowledge and expertise across sectors to help countries realize the transformational potential of digital ID and civil registration systems to achieve the SDGs. It operates across the World Bank Group with global practices and units working on digital development, social protection, health, financial inclusion, governance, gender, and legal aspects, among others. The mission of ID4D is to enable all people to access services and exercise their rights, by increasing the number of people who have secure, verifiable, and officially-recognized IDs. To date, ID4D has worked with more than 45 countries and $1 billion in active and pipeline financing is supporting implementation of digital ID and civil registration systems, with much of this work carried out with partners, such as bilateral donors, think tanks, the private sector, UN agencies, and other international finance institutions. The work of ID4D is supported by the World Bank Group, Bill & Melinda Gates Foundation, Omidyar Network, and the Australian government.

Call for Expressions of Interest

ID4D is expanding its roster of Technical Experts across several domains (see below) to scale up its activities in response to rapidly-growing demand from countries for technical assistance.

Technical Experts will have an outstanding opportunity to be part of a dynamic and expanding team that is working at the cutting edge to solve complex but rewarding challenges in developing countries. The responsibilities of Technical Experts can encompass (working from home and/or traveling to developing countries):

- Providing technical and policy advice to governments, development partners, World Bank Group staff, including supporting the development of technical and operational documentation for identification systems, such as roadmaps, strategies, policy guidance, terms of reference technical and functional requirements, and other analytical work;
• Reviewing technical, procurement and policy documentation for quality assurance and to assess adherence to global good practices and international standards, including to ensure vendor and technology neutrality;

• Leading or participating in ID4D Diagnostics or other assessments of identification ecosystems at the country-level; and

• Capacity-building of government officials, practitioners, development partners and World Bank Group staff.

Technical Experts that are selected by ID4D will be hired through a standard World Bank Group Short Term Consultant (STC) contract with daily rates negotiated based on years of experience and depth of expertise. STC contracts can be for a limited number of days and up to 150 days per year. All costs for related travel will be covered by the World Bank Group, per standard policies.

**Required Skills and Experience**

Selected applicants will have the following skills and experience:

• Demonstrated ‘hands-on’ technical expertise and track record in one or more relevant domains (see below ‘Domains of Expertise’), with a commitment to be versed in the latest trends and innovations in digital identity and related sectors;

• Advanced verbal and written communication skills in English (proficiency in French, Spanish, Arabic are advantageous);

• Capability to present to a wide-range of audiences, including government, technical and business;

• Commitment to deliver on agreed deadlines;

• Pro-active approach and pride in his/her work;

• Innovative approach to solving complex problems;

• Ability to work effectively alone with minimal supervision and within cross-cultural and cross-sectoral teams;

• Previous experience working in developing countries on identification systems (and in particular with governments) is advantageous.

**Domains of Expertise**

1. **Operational and management support:** Implementing and/or supervising digital ID and/or civil registration systems, including institutional arrangement design, registration (including mass registration), credential distribution, system procurement and maintenance, human resource and financial management (e.g. staffing plans, external consultant planning, and budgeting), strategic planning, communications and outreach, and monitoring and evaluation.

2. **ICT system architecture, development and integration:** Designing and deploying the software and hardware needed to implement digital ID and civil registration systems, such as technical and functional requirements gathering and development, enterprise and application architecture, software engineering and testing, systems integration, API development, procurement, data center and continuity management, cloud management, testing, data and cybersecurity, managing service level agreements, and data governance. Practical experience with respect to open source software, interoperability frameworks, the latest privacy-by-design techniques, integrating ID and civil
registration systems with other information systems such as in health, education or social protection, applying international standards, mobile ID systems, electronic signatures, and Public Key Infrastructure (PKI) are particularly valued. Technical Experts interested in the ICT domain are requested to indicate their specialization in one or more of the following topics:

a. Infrastructure (e.g. cloud, data center, hardware specifications and sizing);

b. Solution architecture (e.g. design of enterprise and application architecture for ID systems);

c. Software development (e.g. development, integration and testing of software);

d. Business analysis (e.g. business process design, business and functional requirements, usability considerations including user experience design);

e. Security and data protection experts (e.g. application security, PKI, data security, data governance, privacy enhancing technologies, and cybersecurity); and

f. Other (please specify).

3. **Biometrics**: Designing, procuring, implementing and evaluating biometric systems (e.g. automated fingerprints, iris and facial recognition) in accordance with international standards and best practices, and taking into account practical considerations around enrollment, authentication, minimizing errors, and ensuring data protection and privacy.

4. **Digital credentials**: Developing specifications for and implementing context-appropriate digital credentials, such as mobile ID and electronic signatures, in accordance with international standards and best practices.

5. **Card production and personalization**: Developing specifications of context-appropriate cards using a variety of materials and form factors (including smart and non-smartcards, for a variety of use cases), in accordance with international standards and best practices.

6. **Policy development**: Analyzing and defining comprehensive policies in the areas of digital ID, civil registration and related areas (e.g. data protection, electronic commerce, etc.), including negotiating interests of a wide-range of diverse stakeholders and advocacy to promote adoption of best practices.

**Application Requirement**

To be considered for a Technical Expert with ID4D, please submit the following documents:

- **Current CV**
- **Letter of Interest (LoI)**
  - In the LoI, please explain your relevant technical and operation expertise in identification systems. Provide examples of how your expertise has been applied in practice. Also, indicate the “Domains of Expertise” in which you believe you are qualified and explain accordingly.

**How to Submit Your Application**

Go to: [https://wbgeconsult2.worldbank.org/wbgec/index.html#$h=1558538529888](https://wbgeconsult2.worldbank.org/wbgec/index.html#$h=1558538529888)

Click on: “Business Opportunities” on the upper right of your screen

Click on: Selection number “1262918” for ID4D Technical Experts: Providing technical and operational support for identification systems in developing countries

Click on: “Express Interest” button at the bottom