Summary

The Development Impact Evaluation unit (DIME) is seeking to recruit a Field Coordinator to coordinate the field work for a portfolio of research activities related to the construction of a BRT (Bus Rapid Transit) corridor in Dakar, Senegal. The portfolio includes both a series of impact evaluations and the construction of a data system periodically gathering data on a variety of indicators into a centralized database. The Field Coordinator will liaise with all agencies on the ground, oversee all primary data collection, and help to compile relevant secondary data, among other tasks.

Background

DIME’s objective is to increase the use of impact evaluation (IE) in the design and implementation of public policies, to (i) improve World Bank and other MDB funded development projects and public policy to deliver better outcomes, (ii) strengthen country institutions for evidence-based policy making and (iii) generate knowledge in strategic development areas. A majority of DIME IEs are associated with a World Bank project. DIME works across the following World Bank sectors: Agriculture, Governance, Climate Change, Financial & Private Sector Development, Entertainment Education, Transport & Infrastructure, and Fragility Conflict and Violence. DIME establishes a research team to work on each IE study through its completion. Each research team includes a principal investigator and co-investigators, a field coordinator based in country to support the government team on all aspects of the IE, and one or more research assistants.

The Government of Senegal (GoS) has recognized that improving urban mobility in the Greater Dakar Area (GDA) is of crucial importance for the development of the Senegalese economy, and it has adopted a comprehensive 5-year plan to address some of the challenges that the sector faces. This plan highlights the need to develop an efficient mass transport system, offering a high level of speed, comfort, and safety. Two flagship projects of this plan are: i) a modern bus transport system with high level of service (BRT) linking the city center to the north of the city and ii) the development of a railway express line (TER) linking the city center to the south of the city. This IE project aims to put in place a data system in Dakar that will allow a systematic analysis of the impact of large scale transport infrastructure on urban mobility and commuting patterns; congestion and air quality; housing prices and gentrification; road safety and road traffic injuries. The project will also study the impact of constructing these large infrastructure projects on the well-being of construction workers.

There are two primary questions the IEs will address:
1. What are the effects of job creation from large transportation infrastructure projects on worker welfare (i.e. health, income) and creation of transferable skills or networks?

2. What are the effects of the BRT and TER on individuals (income, access to public services, etc.), road security, air pollution and the real estate prices?

**Responsibilities**

The Field Coordinator’s main responsibility will be to coordinate and supervise the implementation of the IEs in the field, working closely with the project implementation team and delivering training to the government teams as needed. The FC will also be involved in analytical aspects of the IE. The FC will work under direct supervision of Sveta Milusheva, a DIME Economist (based in Washington DC) and other members of the research team, as relevant.

The FC will oversee the day-to-day implementation of the impact evaluations and liaise with the survey firm, the implementing partner organization and the evaluation team. The FC will prepare regular progress reports, communicate on an ongoing basis with the joint research/operations/government team, and provide day-to-day support on technical and operational tasks, including but not restricted to those listed below:

**Effective Cooperation**

- Provide daily coordination between the impact evaluation team and local counterparts (including the data collection firm and project implementing partners), ensuring that concerns are effectively communicated between parties, flagging emerging issues that may be of potential concern, and ensuring that effective and productive collaboration is maintained;
- Build relationships with partners and establish agreements for obtaining secondary data;
- Interact with the line Ministry staff, local authorities and other partners on evaluation-related issues;
- Help ensure that targets are met on time, and that all activities are carried out in accordance with the study design.

**Impact Evaluation Field Coordination and Supervision**

- Work with the research/operations/government on the elaboration of a rigorous impact evaluation identification strategy. This includes working with researchers and implementers to identify the key questions to be addressed, the outcome indicators to be used, data sources and sample sizes (including sampling framework and field procedures), timeline and budget. Provide technical inputs into IE designs, including preparation of funding proposals, concept notes, and draft reports as necessary;
- Work with the research/operations/government team to elaborate detailed protocols/manuals for the different interventions. Reports on field-testing of the interventions including lessons learned and recommended changes;
- Visit study facilities to ensure proper data collection and gather general information about the implementation process;
- Preparation of mission trip of research team: schedule meetings, plan activities such as qualitative (group) interviews, support overall logistics;
Monitor implementation activities so that the evaluation team understands and has documented the details of implementation across study areas. This includes supporting the implementation partners in setting up monitoring protocols for tracking progress.

**Data collection and analysis**

- Prepare written reports with feedback and analysis on the piloting and fielding of data collection tools;
- Finalize data collection instruments, including questionnaires and field procedures;
- Support the procurement of survey firms as needed;
- Monitor the entire data collection process, from training of enumerators, quality control during the field work to data entry, to ensure data quality;
- Assist in the analysis of the survey data, and the writing of project reports and policy memos;
- Build capacity for data collection, data management and data analysis within the implementing agency;
- Working with government agencies to collect secondary data, including potentially supporting digitization of data and analysis;
- Piloting new methods for data collection, including collection of air pollution data via mobile monitors.

**Deliverables**

Exact deliverables will be agreed upon initiation of the position and may include, but are not limited to:

- Weekly progress report of project implementation, meeting notes, etc...
- Contributions to data collection reports (baseline report, midline report, etc...)
- Daily quality and progress on data collection – working closely with the DC based Research Analyst and Assistant

**Skills required**

- Academic specialization: A master's degree in economics, public policy, public health, or related field; strong quantitative research skills are essential, preferably with reference to development economics or impact evaluation topics.
- Technical skills: The candidate must have technical expertise in impact evaluation and econometric analysis (including proficiency in Stata). Experience with programming in an ODK based platform is highly desirable.
- Experience: Previous experience working in Africa, and preferably Senegal, and interacting with government counterparts.
- Capacity Building Skills: Demonstrated ability and experience in designing and delivering training and capacity building activities or other teaching experience.
- Interpersonal skills: Motivated self-starter, with demonstrated ability to work effectively and sensitively in teams and with government counterparts at all levels and with partner organizations.
High levels of energy, initiative, independence and flexibility in quickly adjusting to changing work program requirements. Ability to juggle numerous competing demands and priorities, respond quickly to internal and external client requests, and set priorities for self and others. Open-mindedness and multicultural attitude to understand and get adapted easily to the local context and customs.

- **Language:** Superior written and oral communications skills in English and French are essential. Knowledge of Wolof is desirable.

### Data Confidentiality and Intellectual Property

The consultant agrees to handle all data in a strictly confidential manner. Any material created in the fulfillment of this contract, including documents, data, copyrights, patents, trademarks, or other proprietary rights in and to the work will fall under the exclusive ownership of the World Bank Group. This material may not be disclosed publicly or to third parties without the prior written consent of the World Bank Group. Furthermore, disclosure of information must be in line with any data sharing agreements between the World Bank Group and its clients or partners, and with the data sharing policies of the World Bank Group.

### Terms

The Field Coordinator will be employed as a Short Term Consultant (STC). He/she is expected to use his/her own laptop and cellphone, and to be responsible for any equipment damage incurred over the contract period. The WB will not be responsible for any loss or damage to the Consultant’s personal equipment. All payments and reimbursements will be conditional on the submission of outputs or receipts, as applicable.

### Selection Process

Qualified candidates should apply through this [link](#) by November 30th, 2019. They will be asked to fill a short questionnaire and send their resume, a brief (maximum 1 page) statement of interest and a do-file prepared by the applicant that best indicates the level of experience in Stata and/or other relevant languages/software. Long listed candidates will be invited to take a technical test covering ODK based survey platforms and statistical software (Stata, R or Python). Only top ranked candidates will be invited for interviews. The ideal start date for the position is early January 2020.