1. Summary

The consultant will support the Kenya Road Safety project. This is a short-term consultancy (STC) contract for a total of 150 non-consecutive days starting in January 2020, and with potential to extend depending on the progress of the projects. We seek candidates with experience working on impact evaluation and preferably with programming skills (using a statistical package and conducting geospatial analyses). Experience in developing countries is preferred. This position will be based in Nairobi.

2. Background

Development Economics Impact Evaluation (DECIE) is a unit of the World Bank's Development Research Group, which houses DIME, a crosscutting program of the World Bank. DECIE’s purpose is to increase the use of impact evaluation (IE) in the design and implementation of public policy, and to develop institutional capacity for evidence-based policy.

Road Safety in Kenya

Kenya ranks among the top 10 countries in death rate due to RTCs in the world, with 29 deaths per 100,000. Policy action is constrained by lack of data and evidence on cost-effective interventions. Reliable statistics are lacking: in Kenya, the WHO estimates that the number of RTC fatalities is 4 times the official registry, which suffers from poor vital statistics systems. Information about the location of crashes and the physical characteristics that determine crashes is also lacking. Understanding what combination of approaches will prove successful in this context requires: (i) investment in data, (ii) understanding of the local constraints to road safety, and (iii) experimentation with safety approaches that involve multiple dimensions of road safety from behavioral to infrastructural.

The consultant will be supporting two main parts of the project: piloting digital data collection and an impact evaluation of road safety policies.

For piloting digital data collection, the consultant will support two pilots on the ground. One pilot will be with the National Police Service to have officers collect data on road traffic crashes digitally. This has already been pre-piloted with 2 police stations and will need to be scaled to all 15 stations in the city. The FC will lead this scaling on the ground. The second pilot will be with health facilities in Nairobi to collect digital data on trauma victims coming to the health facility (with a focus on road traffic crash victims). This will be done using a digital trauma registry tool. The FC will lead the work to pre-pilot this data collection.
The team is also working closely with all major government agencies in road safety in Nairobi designing interventions to be applied at crash blackspots. The team will then evaluate the impact of these interventions using the pilot crash data platform that has been developed.

### 3. Tasks

The tasks include (but are not limited to) the following:

- Act as a liaison among members of the research team, government representatives, local stakeholders and other locally hired field staff to promote understanding of and support for the impact evaluation.
- Contribute to the development and implementation of field protocols and procedures and survey instruments, including: field protocol, data quality protocol, recruitment of field staff, pilot testing instruments, and production of progress reports.
- Conduct training sessions with stakeholders
- Coordinate data collection activities and compile data as appropriate (e.g. administrative data, community surveys, interviews etc.)
- Supervise the implementation of data collection and data entry activities (including helping in training field and data entry staff, conducting random spot checks of the activities, making sure that the data quality protocols are adhered to etc.)
- Ensure that interventions are carried out as planned. This may include ensuring pilot road safety policies are implemented in the locations and at the times planned by checking in with government agencies and visiting intervention sites.
- Closely monitor the implementation of the interventions to be evaluated to ensure that the identification strategy is not compromised, monitor crash data collection during this time to see how it could be changing. Send weekly progress reports on the implementation to the research team.
- Conduct data cleaning and support the team with data analysis. This includes the review of data files and data cleaning to ensure all observations are uniquely identified and reported data are internally consistent; conduct merging across data files to ensure clean merges.
- Support in-country capacity building by helping train local hires and stakeholders in impact evaluation methodology, data collection, etc.
- Support the dissemination of impact evaluation methodology and results.
- Perform other related tasks, upon request.

### 4. Requirements

The consultant should present the following qualifications:

- Master's degree in economics or related fields
- Knowledge of SurveyCTO or another ODK-based platform
- Programming skills in R or Stata preferred
- Excellent management and interpersonal skills
• Experience in developing countries preferred

5. Reporting

The consultant will report to Guadalupe Bedoya (Senior Economist) and Sveta Milusheva (Economist). The consultant will interact with other team members from the World Bank and other partner organizations.

6. Selection Process

Qualified applicants shall apply through this [link](#) by November 30th, 2019 (we will review applications in a rolling basis). Applicants will be asked to add a link to a shared folder with their resume, a brief (maximum 1 page) statement of interest and a code-file prepared by them that best indicates the level of experience in Stata or another relevant languages/software. Shortlisted candidates will be invited to take a technical test on statistical software (Stata, R or Python) and hold an interview with interested teams.

The World Bank Group is committed to achieving diversity in terms of gender, nationality, culture and educational background. Individuals with disabilities are equally encouraged to apply. All applications will be treated in the strictest confidence.

7. Compensation, Duration and Logistical Arrangements

The consultant will be remunerated according to World Bank scales. The duration of the contract is for 150 days starting in January 2020 until January 2021 but could be extended based on performance and project development. The consultant will be based in Nairobi, Kenya.