

Request for Proposal



Data Analyst Consultant (BICI - Cycling Program)

Introduction

The [Global Designing Cities Initiative](#) (GDCI), a fiscally sponsored project of [Rockefeller Philanthropy Advisors](#) (RPA), requests proposals from consultants with specializations working in mobility and spatial data and related analysis.

Who We Are

Established in 2014, The Global Designing Cities Initiative was incubated as a program of the National Association of City Transportation Officials (NACTO), a New York-based 501c3 non-profit organization. In 2022, GDCI became an independent project of Rockefeller Philanthropy Advisors, a nonprofit organization and international thought leader specializing in the support of high-impact global projects and strategic philanthropic initiatives. GDCI is a team of (30+) designers, planners, and urban strategists committed to working in support of city practitioners to get projects on the ground. Our mission is to transform streets around the world. We inspire leaders, inform practitioners, and invite communities to imagine what's possible when we design streets that put people first. Our work is informed by the strategies and international best practices captured in the widely-acclaimed and award-winning [Global Street Design Guide](#).

Project Context

The Bloomberg Initiative for Cycling Infrastructure (BICI) is a competitive grant program that fosters catalytic change in city cycling infrastructure around the world. Announced by Bloomberg Philanthropies in June 2023, ten global cities have been awarded support through BICI to build innovative cycling infrastructure and sustainable mobility options for residents. Led in partnership with the Global Designing Cities Initiative (GDCI), in addition to funding to enact their proposals, each winning BICI city will receive technical assistance from GDCI on project development, cycling facility design, data collection, and resident engagement.

As part of the program, GDCI receives data of various types from each city, which requires review, organization, cleaning, and analysis to translate the information into useful findings for the program and to benchmark progress toward program goals.

Examples of tasks that are anticipated:

- Defining a filing and cataloging system to organize the data for future use by the GDCI team
- Assessing data quality and performing adjustments whenever applicable to ensure usability
- Supporting the improvement and creation of protocols and tools to analyze the data
- Translating GDCI training survey evaluations into findings about training effectiveness
- Translating intercept survey data on perceptions of safety to insights
- Analyzing cycling volume data to determine changes
- Analyzing spatial or GIS data to evaluate cycling network changes and expansion

Anticipated Scope of Work

Key tasks would be as follows:

1. Program Research and Background
 - a. Develop a firm understanding of BICI, intended program outcomes, and related metrics
 - b. Review existing GDCI protocols on data management and filing
2. Team coordination and meetings
 - a. Establish meetings as needed with key program staff for purposes of developing program background and understanding existing data sets
 - b. Participate in regular BICI meetings as needed
3. Data Coordination and Management
 - a. Establish internal protocols and data management recommendations to appropriately file and store information
 - b. Assess data quality and perform adjustments wherever applicable
 - c. For mobility data: Liaise with BICI Program Managers to ensure appropriate data files and formats are being requested of the city
 - d. For original data collection: Liaise with BICI Program Managers and the GDCI Research manager to ensure data collection methods produce information that can be readily analyzed
 - e. For spatial data: Liaise with BICI Program Managers to ensure appropriate data files and formats are being requested of the city
4. Data Analysis
 - a. Once data is appropriately organized and managed, work with BICI Program Leads to analyze information to support program reporting needs and to capture other program-related impacts
 - b. Develop and document protocols for analysis to help standardize processes within the BICI and across GDCI
5. Coordination of Findings and Reporting
 - a. Work with the BICI Program Leads and the GDCI executive team to report on findings in a format to be agreed upon once work begins.

Project Budget and Commitment

- The duration of this contract would remain through the end of 2024

Recommended Background and Qualifications

- Professionals who have a background in impact analysis, data, data science, and analytics and have experience working with municipal datasets
- Specific examples include GIS data (spatial datasets), mobility data (cycling counts, GBFS), and other similar mobility data formats and feeds
- Experience producing visualizations and summaries based on the above datasets
- Proficiency in English is required; Spanish and/or Portuguese fluency is beneficial but not required

Timeline for Proposal

Proposals will be accepted through **May 24, 2024**

How to Apply:

Please submit the following materials under [GDCI's Application Portal](#)

- CV/Resume
- Cover letter describing one's past relevant experience and project understanding based on this RFP
- Proposed scope of work and fee (fee would be paid hourly on a monthly basis upon invoicing)

Please direct any questions to GDCI Director of Programs, Paul Supawanich (paul@gdci.global), with the subject line: **Data Analyst Consultant (Cycling Program)**.
