REQUEST FOR QUOTE

Clean Energy and Sustainability Analytics (CESAC) Integrated Economic-Environmental Modelling Consultant

INTENT AND SCOPE

The Center for Clean Energy and Sustainability Analytics (CESAC) at Montclair State University is looking to hire a consultant to work on a research project the center is administering in Rwanda. Rwanda, a country that has been experiencing major land use changes over the past few years, could significantly benefit from such a study that assesses the contribution of land use and conservation to economic well-being using a natural capital approach. Consultant would be part of an international team that would provide management and policy prescriptions to combat land degradation, restore ecosystems, and create co-benefits such as sustainable agriculture, food security, improved human health, inclusive economic growth, improved employment, and mitigate and combat climate change. The project is funded by ELD-GGKP and will work on achieving green growth through terrestrial natural capital restoration.

The consultant will work with the CESAC director led research team to accomplish project objectives and the related project deliverables in a timely manner. This notice is, therefore, intended to solicit applications from interested, qualified applicants. Additional description of the specific positions, including the number of expected work days, and the corresponding required experiences can be found below.

- Must have a minimum of seven years of professional experience after doctoral degree.
- Must have a proven record of country-related work experience in Rwanda, Africa
- Must have a doctoral degree in economics or allied fields.
- Should be fluent in English and worked on country projects on Integrated Economic-Environmental Modelling (IEEM) Platform and published peer reviewed publications.
- Should have experience of working with multilateral and bilateral organizations.
- Should have worked on future-looking computable general equilibrium framework that enables the analysis of the impact of public policies not only on standard economic indicators such as GDP, income and employment, but also on wealth and natural capital assets.
- Should have authored or co-authored at least ten peer reviewed journal articles.
- Will incorporate ecosystem services model (ESM) in IEEM platform in Rwanda and delineate impacts based on policy scenarios.
- Will work with the team to investigate the interactions between changes in ecosystem service supply and economic outcomes by exploring feedbacks between the IEEM and ESM frameworks.
- Will work on transferring the IEEM+ESM Platform technology to local users and build capacity for its use.
• Will couple spatially explicit ecosystem service models (Integrated Economic-Environmental Modelling (IEEM) + spatially explicit ecosystem service (ESM) models) to capture terrestrial land assets policy and investment impacts on ecosystem services.
• Will be part of the team that will produce a peer-reviewed report and peer reviewed publications.

**CONTRACT PERIOD**

The contract established from the bid will be for approximately 13 days of consultant time. The term of the contract will approximately be from December 9, 2019 to April 30, 2020.

**METHOD OF AWARD**

The award will be made to the bidder offering the best value to the university based on:

• Daily rate of the consultant
• Quality of service
• Required country experience
• Required educational experience
• Required technical experience and publications

**BIDDING INFORMATION**

Please send your CV and a quote of your daily consulting fee to Dann Truitt, CESAC Program Coordinator by email, at truittd@montclair.edu By: December 7, 2019