



Vacancy Announcement – Short-term contract for waste experts

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Introduction

The Climate and Clean Air Coalition (CCAC) and C40 Cities Climate Leadership Group (C40) are looking to recruit a consultant on behalf of the City of eThekweni (Cleansing and Solid Waste Unit) to support in the development of financial models for the construction of new waste treatment infrastructure. The consultant will report to the C40 Programme Manager for Sustainable Waste Systems, who will act as liaison between the consultant and the City and will facilitate information gathering, reaching out to relevant contacts, review of deliverables, etc.

CCAC is a voluntary partnership of State and non-State actors committed to protecting the climate and improving air quality through actions to reduce short-lived climate pollutants. The Coalition was launched by the United Nations Environment Programme in 2012 and aims to catalyse rapid reductions in short-lived climate pollutants to protect human health, agriculture and the environment.

C40 Cities, now in its 15th year, connects 96 of the world's greatest cities that have committed to tackling climate change. C40 brings together Mayors from around the world to learn from each other in reducing greenhouse gas emissions and creating resilient, sustainable and low carbon cities.

Project background and description

The Cleansing and Solid Waste Unit (DSW) of the City of eThekweni provides its citizens with municipal cleaning services, including household and commercial waste collection, intermediate treatment and final disposal.

The City already represents a best practice with regards to waste disposal in Africa and is now looking to increase the intermediate treatment and recovery of waste through the deployment of new diversion infrastructure. Multiple options for new intermediate treatment infrastructure are currently being considered, including composting, anaerobic digestion, materials recovery facilities, etc.

The City is also in the process of developing several overall municipal planning documents, such as a Climate Action Plan to achieve carbon neutrality and a new Integrated Waste Management Plan, which will formalise the City's overall ambitions with regards to waste management, at least in the short and medium term.

It has therefore become necessary to further define the financial implications of the City's waste management ambitions, by developing a set of scenarios that will combine a mix of different waste treatment infrastructure of different sizes. The cost and additional benefits of this new treatment infrastructure (e.g. job creation, emissions reductions, landfill life extensions, etc.) will then need to be weighed against the current budget devoted to waste management, to determine how additional revenue can be generated to cover for the added costs implied by the different scenarios developed. It will also be important to consider full life cycle assessment approaches to determine new scenarios, including not only financial, but also social and environmental implications of new waste infrastructure.

The consultant will be required to generate different financial analyses relevant to the cost of

constructing and operating new waste treatment infrastructure (potentially through a Public Private Partnership) and providing options for generating additional revenue to cover these costs. This work should be developed following the overall assumption that this analysis could be used to initiate the stimulation of private sector investment.

Project deliverables

The consultant will be required to produce the following:

1. A short initial report with the consolidated preliminary analysis of operationally and legally feasible options for increasing the municipal waste budget, starting from data provided by the City and C40
2. The development of 3 detailed financial scenarios (capital + operating costs) containing different mixes of treatment infrastructure, also evaluating additional implications of each scenario (job creating, emissions reduction, etc.)
3. A detailed report matching the 3 financial scenarios with means for covering these costs through increased revenue generation. This deliverable will help the City answer the fundamental question of how it will make the new waste infrastructure financially sustainable and will include a road map of how this could be implemented, considering both private financing and public financing options
4. A power point presentation summarising the project, including key findings, recommendations and implications of the scenarios defined

Project duration and remuneration

The project will last for 3 months, from the end of August to the end of November 2020.

The consultant is not expected to work on this engagement full time. He/She will be expected to deliver a total of 40-man days, equivalent to approximately 13 days per month, throughout the 3-month contract.

The consultant will receive \$300 per man day delivered, for a total of \$12,000. An initial sum, equivalent to 50% of the total payment, will be made to the consultant upon contract signing. The second payment for the remaining 50% will be paid upon approval of all deliverables by both C40 and eThekwiini.

Work station

This will be a home-based assignment. Candidates are welcome to apply from anywhere in the world, although preference will be given to candidates that are based in eThekwiini / South Africa and / or have a good knowledge of the local operating and legal environment. Due to Covid-19, we are not in a position to organise any travel for consultants during the course of the assignment.

Person specification

The ideal candidate will possess all of the following:

- Consolidated experience in waste finance, preferably from a public sector perspective (vis-à-vis private sector perspective)
- Significant experience in waste management in developing countries, ideally in South Africa and / or Africa, from a legal and operational perspective

- Good data modelling (using basic tools such as excel) and financial analysis skills
- Good understanding of waste treatment infrastructure, ideally both from an operational and financial perspective
- Experience in defining user tariffs, ideally in waste, and in leveraging innovative approaches (EPR, levies, pay as you throw, etc.)
- Strong communication, presentation and analytical skills
- Driven, professional individual with the ability to work independently with limited supervision
- Good understanding of the English language, with the ability of producing high quality deliverables in English

Applying for this position

In order to express your interest for the role, please submit a cover letter and updated CV to Federico di Penta (fdipenta@c40.org) and Gisela Provasi (gprovasi@c40.org) by midnight (GMT) on Thursday, 13th August. Applications received after this date will not be considered. Incomplete applications without a cover letter and / or CV will not be considered.