



Scope of work for 5-month consultant with Sanivation:

Research Coordinator for WASH & Emergency Response Situational Analysis in Kenya

Company Overview

Sanivation is a social enterprise that partners with local governments to develop and operate city-wide sanitation infrastructure and deliver clean, safe, and efficient sanitation services to urbanizing communities in East Africa. Our mission is to improve the dignity, health, and environments of these communities. We have been operating in Kenya since 2014. Over the past six years, we have deployed three waste treatment plants, which have converted 2,500 tons of fecal sludge into a fuel product that replaces firewood. Selling this fuel to businesses has saved 107,000 trees and offset 7,300 tons of carbon. We have also formed partnerships with four county governments and water and sanitation utilities to support increasing safely managed sanitation in Kenya. In addition to local governments, we have worked with the Centers for Disease Control and Prevention, UNHCR, GIZ, KCCA, Unilever, and the World Bank.

Project Overview and Timelines

Over the past year, COVID-19 prevention and response have put Sanivation, an essential services operator, at the center of coordinating government working groups in Kenya to advise on WASH initiatives and strategies. We are working with Water and Sanitation Providers (WSPs) to make them more effective and resilient from the COVID-19 damage. This project will focus on two cities in Kenya - Naivasha and Kisumu – by evaluating their COVID-19 WASH response and developing their sanitation departments and long-term emergency response plans. Phase One of the project includes a situational analysis of the sanitation situation, mapping of sanitation and handwashing access points, evaluation of sanitation provision, and reports on the sanitation context. Phase Two will focus on an in-depth analysis of what the COVID-19 response was for WASH in each of the cities to develop improved sanitation and emergency response plans for the WSPs.

Sanivation is looking for a short-term Research Coordinator to join the project team to lead all the project's research components.

Responsibilities

- Lead the design and write-up of data collection/analysis plans
 - Inclusive of surveys, interviews, focus group discussions, transit walks, etc.
- Coordinate data collection activities and verify quality with support from local project staff

- Support training of enumerators for data collection
- Capacity building of local project staff to carry out data collection and data analysis
- Lead data analysis including producing maps, spreadsheets, graphs, shit flow diagrams, and other analytical products to illustrate conclusions
- Lead writing of reports based on the research findings
- Provide oversight of and support to the project coordinator in all research components

Skills requirement

- Analytical thinking – ability to comprehensively analyze program and research data, interpret results, synthesize findings in understandable reports, abstracts, and narratives, as well as translate findings into programmatic action
- Writing – highly proficient in English, both in oral and written communication
- Problem-solving – GIS analysts solve technical problems and use statistical knowledge to spot trends and find errors, so troubleshooting and problem-solving are key parts of this job
- Demonstrated experience supervising and mentoring staff of various levels of seniority, both at headquarter and field level
- Proven ability to successfully manage research projects with data collection based in Africa
- Proven ability to work effectively in a team-oriented setting, while also taking the initiative to complete assigned tasks with high quality and within tight timelines
- Technical expertise in fecal sludge management and/or infectious diseases

Qualifications: Education and Experience

- Degree in Political Science, Social Science, Public Health, Global health, engineering, GIS remote sensing, GIS technologies, or related field
- Candidates must have at least two (2) years of specialized experience in carrying out research for WASH or global public health
- Proven geo-data management and map-making skills with ESRI ArcGIS 10 software
- Demonstrated expertise in the use of cutting-edge research methods within your discipline with proven ability and experience in data collection, management, analysis, use, visualization, reporting, interpretation, and dissemination

Consultant Expectations

This consultant is not required to be onsite for the duration of this consultancy. However, Sanivation does encourage, if possible, for this role to be onsite specifically for data collection in both cities to support coordination and quality of data collection.

This consultant will work closely with the project team, who will be utilizing this research to design sanitation and emergency response plans for the two WSPs. This role will report to Effie Akinyi, Project Development Lead at Sanivation. This role will require at least weekly meetings for project updates and planning. During the data collection process, daily meetings will be expected.

Payment Details

The payment for this work is estimated at 1,500,00 KES (approximately USD 14,000) exclusive of taxes. Expenses incurred through accommodation, meals and local transport shall be reimbursed upon submission of original receipts only. Sanivation will accept bids on changes in project remuneration.

Work Schedule

There are specific deadlines for this project as described in the table below. The start date is May 1st, 2021, and ending in September 2021.

Deliverable	Deliverable details	Date of completion
Research plan	Excel detailing clear plan, resources, budget, and timelines for data collection, analysis, and reporting	5/7/21
Detailed mapping of toilet and sanitation access for Naivasha	Report detailing GIS maps with locations and status of public and shared toilet and handwashing units.	6/20/21
Situational analysis of Kisumu sanitation	Report on the key findings and sanitation analysis in Kisumu including graphs, tables, figures, etc.	7/20/21
Review of response to COVID in Naivasha & Kisumu concerning WASH	Report on findings from FGD, interviews, and surveys on what responses were done, by whom in Naivasha & Kisumu for WASH COVID response	9/20/21

To Apply:

To apply, please send the following to Talent@sanivation.com with the subject line "Research Coordinator your name:

- CV: inclusive of similar work
- Cover letter as to why you're interested and your capacity for this consultancy
- A previous report where you led data collection, analysis, and writing of findings as an example of your work
- Any educational qualifications as mentioned above.