CONCEPT NOTE

DEVELOPMENT OF DATABASE FOR SUSTAINABLE INTEGRATION OF THE INFORMAL WASTE SECTOR

1. Introduction/Preamble

The result-based financing and municipal solid waste (MSW) collection service improvement of the 17 municipalities of the Odaw Catchment is highly dependent on the informal waste service sector. Paradoxically, this is justifiably so since the informal service providers are already collecting 51% as against the 48% of the formal service providers who holds the franchise to collect all the MSW of the Catchment. The success of the strategy is therefore inherently linked with the processes of recognition, integration and support of the informal service providers. However, at the forefront of the implementation of the strategy and the delivery of support interventions to the informal service provider cooperatives are the Public health engineers, the water and sanitation analyst and especially the environmental health officers of the various municipalities. These solid waste professionals need not only be empowered but must be made to own the strategy interventions and be provided with the full extent of capacity building and equipment support to enable them guide and sustain the strategy implementation processes. These system handlers will need to set realistic targets towards collection improvements alongside the creation of the enabling environment for the informal waste service providers to (1) thrive and (2) unleash their full potential towards improved MSW collection service delivery.

2. The challenges to the implementation of the MSW collection service improvement strategy

However, the expected roles and responsibilities of the solid waste management professionals towards project facilitation, implementation and system improvement are highly likely to be derailed by existing challenges within the municipal solid waste management (MSWM) system of the catchment, namely the:
1. absence of data on the number of informal service providers working within the municipalities and their collection coverage and tonnages
2. lack of a unified data collection methodological framework that can support them to capture data
3. lack of specific project related data storage, processing and retrieval devices for purposes of data management, dissemination and monitoring
4. absence of data hosting platforms to allow for real time monitoring and updates by all stakeholders within all the 17 municipalities
5. lack of professional capacity to use integrated methodological frameworks to collect, analyse, process, retrieve, manage and host waste management related data

3. The proposal to overcome the existing challenges

This proposal seeks to address the aforementioned challenges within the 17 municipalities. The aim is to support the MMDAs with the requisite equipment and training needs to enable them to capture the relevant data that can be used to support the informal service providers towards the sustainable implementation of the strategy.

4. The objectives of the assignment

The objectives of the assignment are to:
1. procure 2 No. laptops (data processing equipment) and 1 printer (data retrieval equipment) for each municipality towards the registration of the informal service providers and also for use for all other project related data and monitoring requirements.
2. develop a methodological framework and software for the registration of the informal service providers.
3. build capacities of professional staff on the use of the methodological framework and software to enable them to register the informal service providers (cooperatives) and monitor them towards the attainment of MSW set targets
4. provide one-year support for municipalities including refresher capacity building on informal service provider data capture, analysis, updates and related IT support.

5. Scope of Services

The scope of services of services is in four main parts, namely:

- **Part 1**
  - The Supply of "40 No. HP - 17.3" HD+ Touchscreen Laptop - 10th Gen Intel Core i5 - 8GB Memory - 256GB SSD - Numeric Keypad - DVD-Writer - Windows 10 Home" and
  - Supply of "20 No. HP OfficeJet Pro 9025e Wireless Color All-in-One Printer with bonus 6 free months Instant Ink with HP+ (1G5M0A)" for distribution to the Sanitation teams of the 17 municipalities of the Odaw Catchment.

- **Part 2**— The development of the methodological framework for data capture on the informal service providers, their areas of operation, and the average total MSW collected per provider in a day. The development of the methodological framework will be conducted in a 3-day nonresidential workshop. The outcome will be a user-friendly unified framework and software agreeable by all the 17 municipalities for use in the data capture and management of the informal service providers.

- **Part 3 --** The provision of field support to the solid waste professional staff in all the municipalities on the use of the framework and software to capture informal service providers registration data alongside the management and hosting of the data within the cloud to make it accessible to all the municipalities. The outcome will be a compiled database of registered informal service providers within the 17 municipalities in addition to a report.

- **Part 4**—The provision of a 3-day nonresidential training to support the municipalities to update the database with new service providers alongside the participatory discussion of solutions with regard to the management of the cooperatives towards improved MSW service delivery within the catchment.

6. Procurement

Procurement process will be expected to be completed by end of June 2022 to allow for execution over July – September 2022 (3 months). Then maintenance, updates, user support etc will take another six (6) months from October 2022 to March 2023.