



TABLE OF CONTENTS

RESPONDENT INFORMATION	ANNEXURE 1
CONDITIONS OF RFI	ANNEXURE 2
RFI SCOPE	ANNEXURE 3

ANNEXURE 1

RESPONDENT INFORMATION

RESPONDENT INFORMATION

YOU ARE HEREBY INVITED TO PROVIDE INFORMATION TO PIKITUP JOHANNESBURG SOC LIMITED AS PER THE SCOPE OF THIS RFI

RFI RESPONSE DOCUMENTS MUST BE DEPOSITED IN THE TENDER BOX SITUATED AT

PIKITUP TENDER BOX, SITUATED AT PIKITUP JOHANNESBURG (SOC) LIMITED HEAD OFFICE, JORISSEN PLACE, TENDER OFFICE, EAST WING, GROUND FLOOR, 66 JORISSEN STREET, BRAAMFONTEIN, JOHANNESBURG, 2000

RESPONDENT INFORMATION

NAME OF COMPANY					
COMPANY REGISTRATION NUMBER					
STREET ADDRESS					
CONTACT PERSON					
DESIGNATION					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
B-BBEE STATUS LEVEL (I.E. 1 - 9)					
TAX COMPLIANCE STATUS	TCS PIN:		OR	CSD No:	

SIGNATURE:

CAPACITY UNDER WHICH THIS DOCUMENT IS SIGNED:

DATE:

ANNEXURE 2

TERMS AND CONDITIONS OF THE REQUEST FOR INFORMATION (RFI)

TERMS AND CONDITIONS OF REQUEST FOR INFORMATION (RFI)

Clarifications and enquiries

- Formal enquiries and clarifications with respect to this RFI should be submitted to the Pikitup Official(s) as indicated on the cover page of this RFI
- Queries should be submitted no later than the deadline specified below. Queries received after the deadline will not be considered.

Timelines for RFI activities

- RFI Advertise date – 28 May 2021
- RFI Last date / deadline for questions – 18 June 2021 at close of business day
- RFI Closing date – 25 June 2021 at 11:00am

Responses to the RFI must:

- Deposit responses in the Pikitup Tender Box at the Pikitup Tender Office located at the address as indicated on the cover page of the RFI document
- Submit responses in the Pikitup Tender Box before the closing date and time.
- Submit only one original hard copy (no duplicate copies are required).
- Submit responses that are in a sealed envelope
- Clearly mark responses on the front of the sealed envelope as “**Request for Information – Waste Management – RFI/001/2020**”, and the respondent's details (i.e. company name and address) must appear on the back of the sealed envelope.

The following terms and conditions are applicable to this RFI

- The purpose of this Request for information (RFI) to gather information for the works/goods/services as stated in the scope of this document.
- This RFI is a stand-alone information-gathering and market-testing exercise, intended to inform and assist Pikitup with research, planning and development.
- No obligation or commitment on the part of either the respondent or Pikitup as a result of this RFI
- Where cost estimates are provided, the information could be used for planning or budget purposes
- Respondents should ensure that the document is structured in a logical manner giving clarity on the sections in the technical information and scope.
- The information provided must be presented in a format that corresponds to and reference to sections outlined within this RFI.
- Any irregularities or lack of clarity in the RFI should be brought to Pikitup's attention as soon as possible to enable Pikitup to respond accordingly to prospective respondents.
- Responses to this RFI will be kept confidential and not be available for public knowledge
- Pikitup may use the information from this RFI to advance business strategy, identify future projects, develop tender (RFP) specifications / terms of reference, budget planning and / or any other purpose that might be deemed fit
- Pikitup reserves the right to use the information from this RFI or to stop this process.
- Pikitup reserves the right to engage with respondent(s) after the RFI closing date to obtain clarity or additional information relating their RFI response(s).

I the undersigned, (Name and Surname), are being the duly authorised undersigned representative of the responding organisation and I acknowledge the RFI terms and conditions.

AUTHORISED SIGNATURE :

CAPACITY OF SIGNATORY :

DATE :

ANNEXURE 3.

RFI SCOPE

SPECIFICATION: REQUEST FOR INFORMATION RELATING TO WASTE COLLECTION, STORAGE, TRANSPORTATION AND PROCESSING/TREATMENT TECHNOLOGIES IN LINE WITH PIKITUP WASTE MANAGEMENT AND MINIMIZATION STRATEGY.
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1. BACKGROUND

The strategic focus adopted by Pikitup is to ensure waste prevention and minimisation integrated with a community driven approach. This is in line with the National Waste Management Strategy (NWMS), The City of Johannesburg (CoJ)' Integrated Waste Management Plan (IWMP), and Growth and Development Strategy (GDS) 2040.

Pikitup's primary mandate is to provide sustainable integrated waste management services to all residential, formal and informal areas, and business in the CoJ. The mandate also includes the provision of services to ensure the overall cleanliness of the City's streets and open spaces and certain public areas. Pikitup business plan also gives effect to waste minimization strategic objectives and responds to the need to develop a resilient, liveable, sustainable urban environment underpinned by infrastructure supportive of a low carbon economy. Therefore, Pikitup implements programmes that shift the focus to waste minimisation whilst addressing service delivery failures and legacy issues. The approach is also to create opportunities for coproduction and community and stakeholder participation in the way services are delivered as well as the methodologies for projects implemented. It is believed that this will contribute towards the alleviation of poverty, inequality and unemployment. There is a particular focus in Pikitup's business plan to address organisational transformation in order to build an effective and efficient organisation that delivers world class services.

The company has continued with implementing waste minimisation projects in order to divert waste to landfill, these include diversion of general household waste and green waste as well as builder's rubble. However, majority of residual waste is collected and transported to landfill, and waste recovery or diversion taking place is only estimated to be in the region of 30% to the overall waste handled by Pikitup. Proposed Solutions are hereby requested from qualified organisations for technologies and or/ interventions which can assist Pikitup to increase the amount of waste diverted prolonging the lifespan of the landfills.

The main purpose of Request of Information (RFI) is to analyse the value chain of three waste streams (green and general household waste as well builders' rubble) and identify opportunities to add value, minimise areas of losses and ensure that the maximum value of the waste stream is realised. The RFI must include the consideration of sustainable technologies, appropriate material utilisation as well as environmental, social and economic factors.

Key aspects that need to be considered for the RFI are as follows:

- Waste Generation;
- Waste collection points and systems;
- Landfill/disposal systems;
- Source separation and reduction;
- Treatment and beneficiation;
- Remanufacturing including technologies; and
- New product development.

1.2 Pikitup Major Products and Services

Pikitup Johannesburg (SOC) Limited was established in 2001 as an independent municipal entity, wholly owned by the City of Johannesburg, to serve and provide waste management services for the Johannesburg area. Pikitup provides two categories of services: council services and commercial operations, which are summarized in the table below:

Council services <i>CoJ mandated services: In terms of the Constitution the municipality has sole mandate to collect domestic waste from residents and this is paid through tariffs. Residents cannot choose to use another service provider for domestic waste collection.</i>	Commercial operations <i>Where we service businesses (competing with other</i> <i>Where we service businesses (competing with other private companies) or where there are opportunities to collect revenue through other mechanisms.</i>
▪ Collection and disposal of domestic waste; ▪ Street cleaning in the Inner city, Central Business District areas, Outer City and Hostels –the activity ranges from litre picking, street sweetening and lane flushing; ▪ Management and distribution of litter bins; ▪ Collection of illegally dumped waste; ▪ Collection and disposal of animal carcasses found in public places; ▪ Operation of garden sites; ▪ Operation and management of landfill sites; ▪ Cleaning of informal settlements; ▪ Recycling activities.	▪ Bulk collection services; ▪ Dailies – collection of putrescible food waste; ▪ General business waste (BRCR); ▪ Services for special events; ▪ Private operators pay disposal fees for waste disposal at Pikitup's landfill sites

Pikitup executes its mandate to the city and its residents through 12 depots, 4 operational landfill sites and a network of 41 garden sites/drop off facilities that are used to receive and store green waste and various other recyclable waste (see figure below).

Pikitup is rolling out various waste minimization initiatives that aims to divert waste away from landfills. The main focus streams are general household and green waste as well as builder's rubble. Waste disposal at Pikitup landfill sites and diversion data is represented in the table below:

	2015/16	2016/17	2017/18	2018/19	2019/20
Waste Disposed at Landfill sites	1 407 396	1 425 763	1 238 474	951 491	1 227 420
Waste Diverted by Pikitup (green, dry and builders rubble)	170 590	151 149	94 353	83 104	111 539
TOTAL	1 577 986	1 576 912	1 332 827	1 034 595	1 338 959



2. PURPOSE OF THE REQUEST OF INFORMATION (RFI)

2.1 This RFI has been prepared for the following purposes: -

- a) To assess market interest as well as seeking further information for general household waste, green waste and builder's rubble collection, storage, transportation and treatment technologies currently available within South Africa;
- b) Ensure security for waste disposal including landfill air space on a long-term basis by provision for supportive infrastructure for treatment and disposal of residual waste;
- c) Enable demonstrable waste treatment and disposal technologies/solutions to build sustainable businesses and job opportunities.

2.2 The Respondents are required to submit proposed solutions for the following:

- a) Technologies to collect, store, transport and further process green waste. Included in this RFI are the required tonnages; and indicative timelines for the supply of proposed treatment technologies (i.e. state of readiness); proposed minimum duration for the supply of feedstock waste; and the preferred state of feedstock waste.
- b) Technologies to collect, store, transport and further process general household waste. Included in this RFI are the required tonnages; and indicative timelines for the supply of proposed treatment technologies (i.e. state of readiness); proposed minimum duration for the supply of feedstock waste; and the preferred state of feedstock waste.
- c) Technologies to collect, store, transport and further process builder's rubble. Included in this RFI are the required tonnages; and indicative timelines for the supply of proposed treatment technologies (i.e. state of readiness); proposed minimum duration for the supply of feedstock waste; and the preferred state of feedstock waste.
- d) Technologies for collection, storage, transport, treatment and disposal of residual waste. Included in this RFI are the required tonnages; and indicative timelines for the supply of proposed treatment technologies (i.e. state of readiness); proposed minimum duration for the supply of feedstock waste; and the preferred state of feedstock waste.

2.3 The technology proposed in the RFI should be:

- a) Relatively simple to implement in Johannesburg / South Africa;
- b) Comply to South African environmental regulations and to the CoJ Waste By-laws;
- c) Support the empowerment of local communities (i.e. local economic development) through job creation, skills development and enterprise development;
- d) Have no undesirable effect on the environment (e.g. climate change, environmental pollution, etc.).
- e) Respondents should note that one of the key objectives of this RFI is to identify proposed waste solutions that, if implemented, would translate into significant cost savings/new revenue stream for PIKITUP.

3. RESPONSE FORMAT

This RFI is meant to assess possible technologies that can be utilised for collection, storage, transportation and treatment/processing of green, general household waste, builder's rubble and residual waste across the City of Johannesburg. The Respondents are required to provide sufficiently detailed proposed waste solution which will demonstrate a clear understanding of the problem and the requirements of the project as per the RFI. Respondents are requested to provide the following in the RFI:

a. Cover Page

The cover page must clearly indicate the RFI reference number, RFI description and the Respondent's name.

b. Index Page

An Index Page must be submitted that clearly lists the various sections of the document for ease of reference.

c. Motivation

Respondents to provide a brief motivation clearly indicating the Respondent's understanding of the RFI, the proposed waste processing solution(s), why your solution is best placed for implementation within the CoJ and an indication of which other municipalities and/or countries the particular technology has been successfully implemented in. Attach all supporting documents to strengthen your proposed solution including company profile.

d. The proposed solutions

Respondents are requested to prepare proposed solutions in line with the following structure:

Criteria	Respondent's information
a. Provide information on the processing technology for selected waste streams (builders' rubble, general household waste, green or residual waste)	• Required feedstock • Feedstock preparation • Processing technology • Products • By-product • Technology/Process environmental impact • State of readiness
b. Proposed collection model of each waste stream (maximizing waste diverted from landfill)	• Required waste quantities in tons per annum for each technology.
c. Facility or processing plant	• Is the facility licenced to carry out the current processing technologies? • What is the throughput capacity of the facility? • State of readiness of facility or technology
d. Financial Analysis	The financial analysis should include but not necessary limited to the following: • Proposed revenue generation initiatives; • Provide information on the proposed funding model for the technology (Capex and Opex); • Provide a clear solution on how the proposed projects will contribute to cost-reduction or revenue generation opportunities for Pikitup.
e. Comprehensive market research and analysis	• Market segmentation analysis with special reference to potential customer base of products and by products within the geographical area of the City of Johannesburg and Gauteng. This analysis must include market size per segment and product, and market value per segment and product; • Competitor analysis with special reference to the geographical area of the City of Johannesburg and

	Gauteng; • Market penetration and growth strategy per market segment to include, amongst other, existing market prices per product or services offering and a market penetration strategy per market segment and product or service offering in line with the proposed technologies.
f. Provide a clear solution on how the proposed projects will make deliberate efforts to contribute to job creation through development and involvement of cooperatives and small businesses.	The section should include but not necessary limited to the following: • Proposed projects for development of community-based enterprises; • Proposed type of community-based enterprises; • Estimated no. of full time jobs to be created; • Integration of waste pickers.

4. NOTICE AND DISCLAIMER

- a. This REQUEST OF INFORMATION (RFI) document and any of its parts, as well as any information, advice or data subsequently provided to the Respondent whether orally or in writing by or on behalf of PIKITUP Johannesburg SOC Limited, shall be subject to the terms and conditions set out in RFI or any other specific agreement entered into by the Respondent and PIKITUP.
- b. Upon having access and receiving any or all of the information contained herein by any means of communication, the Respondent agrees to comply with all the terms and conditions contained herein.
- c. Each Respondent must make its own independent assessment and investigation of the information contained herein, and should not rely on any statement or on the significance, adequacy or accuracy of any information contained in this RFI.
- d. The information contained herein does not purport to contain all of the data that a Respondent may deem necessary to provide its response.
- e. PIKITUP makes no representation or warranty as to the accuracy, completeness, reliability and timelines of any information contained in this RFI.
- f. PIKITUP shall incur no liability for any statements, opinions, information or matters, expressed or implied, arising out of, contained in or derived from, or any omission from,

the information contained in this RFI except in so far as liability under any statute cannot be excluded.

- g. PIKITUP will not be responsible for, nor will it pay for, any costs, expenses or losses which may be incurred by a Respondent or its representatives in conducting their review and evaluation of this RFI.
- h. PIKITUP may, at its absolute discretion, update, amend or supplement the information contained in this RFI.
- i. Neither PIKITUP or the Respondents shall without each other's prior written consent, make use of any document or information originating from either party and used in this RFI except for purposes relating to this RFI. All documents exchanged by the parties and its contents remain the property of that party and shall not be transferred and/ or shared with any other third party.

(Compiled by: Makhosazana Baker, Acting Business Sustainability Executive)