

# TERMS OF REFERENCE FOR THE DEVELOPMENT OF WEB BASED TOWN PLANNING APPLICATION

## 1. INTRODUCTION

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### 1.1 BACKGROUND

Mogalakwena Municipality is currently using ArcGIS 9.3 for the maintenance of Cadastral data and other data on Geographic Information System (GIS). However, the Town Planning information is not linked to the GIS system for effective running of the GIS and providing accurate information to the general public. To ensure that the municipality provides quality information, it needs application to support and integrate various plans and policies in the best possible way. One of the key strategies of the municipal Land Use Management System is to regulate, and manage land development and enforce proper land use control measures, and to achieve this detailed web based town planning application is proposed.

### 1.2 PROBLEM STATEMENT

The Mogalakwena Local Municipality is in the process of completing its Land Use Management Scheme. The Land Use Management scheme relies heavily on updated information e.g. cadastre and zoning. Similarly, the town planning function in Mogalakwena relies heavily on the accessibility of accurate and up-to-date information to inform decision making. Different datasets of importance to the Town Planning department exist in Mogalakwena in various systems: ownership data resides in the e-Venus financial system, cadastral information resides in ArcView 9, zoning information resides in a Relational Database Management System etc. The Mogalakwena Municipality requires a web based system to assist with the dissemination of spatial and other data.

### 1.3 OBJECTIVES

The overall objective of this project is to provide a reliable town planning application that will assist the Town Planning Section with the dissemination of spatial and other data set, and link different datasets within the GIS system.

## **2. THE SCOPE OF WORK**

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The service provider will be required to perform the following tasks:

1. Integrate different attribute level datasets in a Relational Database Management System. This includes the following:
  - Data from E-Venus, including, but not limited to Ownership information.
  - Data from the LUMS, including Zoning and all other development controls.
2. Develop web based interface to allow Town Planning (and other officials) to view the above data.
3. Publish existing GIS data on the same web portal used to publish data from the RDMS.
4. Investigate current Development Control procedures and workflow; create functionality within the web based portal to handle mundane town planning tasks such as the issuing of zoning certificates.
5. Create functionality within web based portal for town planning officials to maintain attribute information of the LUMS.
6. Establish procedures for the existing GIS function to maintain and update web based GIS.

## **3. COMPETENCY REQUIREMENTS**

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The service provider must have extensive knowledge and experience in the fields of both Geographic Information Systems as well as Town Planning. They must further be able to demonstrate a proven track record of the establishment of Municipal Information Systems in the field of Town Planning.

### **3.1. DOCUMENTATION REQUIRED**

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In addition to the abovementioned, the following standard terms and conditions will apply:

- The Consultant must be able to demonstrate a proven track record of the establishment of Municipal Information Systems in the field of Town Planning.
- The service provider must have extensive knowledge and experience in the fields of both Geographic Information Systems as well as Town Planning.
- The Consultant must provide detailed proposal explaining the methodology and approach.
- The Consultant must provide a pricing schedule/quotation must be inclusive of VAT.
- Proposals must be accompanied by:
  - ⇒ Company profile,
  - ⇒ Company Registration,
  - ⇒ VAT Registration
  - ⇒ Valid TAX Clearance certificate,
  - ⇒ Joint Venture Agreement in case of consortium, and
  - ⇒ Copy of recent Municipal Services Account for businesses operating within or outside the municipal area

## **4. TIME FRAME**

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The development of the Mogalakwena Web Based Town Planning Application shall be for a period of six (6) months, and unless otherwise agreed upon between the service provider and the municipality.