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Houghton, 2041  
Block A,  
Riviera Office Park,  
6-10 Riviera Road,  
Riviera



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**REQUEST FOR PROPOSALS**

**DOLOMITIC STABILITY STUDY FOR ITIRELENG IN THE  
CITY OF MATLOSANA MUNICIPLAITY**

**NORTH WEST PROVINCE**

**RFP/NW/2018/007**

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**PROPOSALS TO BE SUBMITTED BY**

**NOT LATER THAN**

**12H00 NOON ON 12 OCTOBER 2018**

## 1. INTRODUCTION AND BACKGROUND

The Housing Development Agency (HDA) is a national public development agency that promotes sustainable communities by making well-located land and buildings available for the development of human settlements. As its primary activity, the HDA assembles state, private and communal land and buildings and releases it for development. In addition the HDA provides project delivery support services to organs of state at local, provincial and national level.

As part of its legislative mandate, Section 7 of the Housing Development Agency Act, (Act No. 23 of 2008) requires the Agency to, amongst others, undertake any processes relating to approvals required for housing development, prepare necessary documentation for consideration and approval by the relevant authorities, monitor progress of the development of immovable property acquired for the purposes of creating sustainable human settlements.

The HDA has been appointed by the National Department of Human Settlements to assist with the Human Settlements component of the National Mining Towns Intervention. The objectives of the human settlements component of the intervention require the transformation of the mining towns through the creation of sustainable integrated human settlements.

The intervention requires the following broad thrusts:

- Fast-tracking and supporting existing human settlement projects in the mining towns areas.
- Identification of suitable areas of further areas of investment taking into account the human settlement conditions in the identified mining town.
- Identification of partners for implementation; and
- Providing technical support to mining towns.

## 2. OBJECTIVES OF THE PROJECT

The objective of this project is to develop/determine the feasibility of **Itireleng** through Dolomitic Stability Study. A mine has donated the property to Matlosana local Municipality. The viability of this donation has to be determined before it can be

accepted by the municipality, based on the condition of infrastructure and geological conditions.

### **3. SCOPE OF WORKS**

#### **3.1 Dolomitic Stability Study**

- Gravity surveys to establish position for geotechnical drilling positions. The geophysical survey should include a gravity survey undertaken by a competent geophysicist.
- Drilling of borehole using air percussion will be drilled to a minimum of 6 m into hard rock or 60 m whichever comes first as per SANS 1936-2.
- The study area should have classified based Inherent Hazard Risk Classification (IHC) based on a dewatering and non-dewatering scenario.
- Dolomitic zonation map should be created for the study area based in gravity survey results as well as percussion drilling results.

#### **3.2 Dolomitic Stability Study Report**

The investigator shall document and report all findings and determinations in a written report that

- Provides a description of the site and defines its extent and boundaries.
- Describes the investigation carried out and presents the results thereof in detail.
- Establishes the nature, fluctuations and compartmentalization of groundwater, and original groundwater levels from geohydrological data.
- Assesses the effect of changes to the groundwater level.
- Determines the inherent hazard class of the site or of the various portions thereof.
- Determines the dolomite area designation and appropriateness of proposed land usage in accordance with the requirements of SANS 1936-1.
- Provides the information needed for identification of the precautionary measures required in accordance with SANS 1936-3, and the risk management strategies required in accordance with SANS 1936-4; and
- Identifies any outstanding information to be determined or confirmatory investigation to be undertaken during the design-level investigation, particularly in respect of verifying or refining the inherent hazard class of the site or parts thereof.

- Upon completion of the project, a completed report will be submitted to the council of Geoscience (CGC) for comments and approval.

#### **4 METHODOLOGY AND WORK-PLAN**

- 4.1.1 In order to ensure coherence, this project shall be managed by a single entity.
- 4.1.2 The project plan and methodology must clearly outline and define the process plan of executing the project.
- 4.1.3 The service provider must outline the project plan, extent and the costs associated with the activities or tasks.
- 4.1.4 The service provider shall provide a workable and practical work-plan for project implementation

#### **5 REQUIRED EXPERTISE**

The following skills and experience are required for this project:

- 5.1.1 Geohydrology, Geotechnical Engineering and Engineering Geology Experience.
- 5.1.2 Town Planning or development planning
- 5.1.3 Project Planning knowledge and expertise.
- 5.1.4 Human settlement planning and policy knowledge and expertise.
- 5.1.5 Understanding of mining and housing development in mining areas.

#### **6 REPORTING AND CONSULTATIONS**

The HDA will set-up an Oversight Committee consisting of key HDA staff for the project. The project will be managed by a Project Manager assigned to the project from within the HDA.

The successful service provider shall:

- 6.1 Consult with the relevant stakeholders in a structured manner and avail record of consultation, especially with the mining companies and affected community in the area.
- 6.2 Conduct presentations outlining and summarising the main components on each of the phases detailing the outcomes with relevant stakeholders. Some

consultations, feedback and reporting shall be conducted in the municipal area concerned. The frequency of the consultation shall be determined at project plan level

6.3 Furnish the HDA with the final reports as follows:

- Three copies of the printed report.
- Three USBs with high resolution versions of the report in source document format as well as PDF.

## **7. OWNERSHIP AND PUBLICATION OF DELIVERABLES:**

The HDA will become the owner of all data collected, reports, unique indicators tailored for use by the HDA, furnished and/or compiled by the service provider during the course of and for the purposes of executing the agreement to the extent that copyright in any intellectual property compiled by the service provider during the course of and for purposes of the agreement vests with the service provider. Such copyright will become the property of the HDA, unless otherwise agreed by the HDA in writing.

## **8. CONFIDENTIALITY**

Information gathered and data used by the service provider shall remain confidential.

## **9. DATA QUALITY**

In accordance with the relevant standards and procedures for professional practice and contracted scope of work, the professional service provider will submit the work as outlined above and in format that is possible to calibrate and manipulate with other GIS related tools and CAD softwares (DWG/DXF/Shape Files). All the material data which affects the site shall be accurately measured and geo-referenced and projected in the appropriate survey system. No inferior, inaccurate or incompatible data will be accepted by the HDA. A clear interpretation and analysis of all the material issues pertaining to scope of works is required.

## **10. DURATION OF THE PROJECT**

It is anticipated that the project will take a maximum of 3 (three) months to complete.

**11. PRE-QUALIFICATION CONDITIONS WHICH AN APPLICANT MUST MEET IN ORDER TO BE CONSIDERED:**

- Having a stipulated minimum B-BBEE 1-4 status level of contributor
- An EME or QSE

**12. EVALUATION PROCESS**

12.1. In order to facilitate a transparent selection process that allows equal opportunity to all production companies, the HDA has a policy for the appointment of consultants that will be adhered to. Proposals will be evaluated in terms of the prevailing supply chain policy applicable to the HDA and it should be noted that proposals will be assessed using the 80: 20 formula for Price and B-BBEE as per the PPPFA.

**Table 1 – Functionality Criteria**

<b>CRITERIA</b>	<b>SUB-CRITERIA</b>	<b>WEIGHTING/ POINTS</b>
<b>Company profile and individual team members (CVs)</b>	<ul style="list-style-type: none"> <li>• Qualifications in Geohydrology/ Geotechnical Engineering/ Geology/ Engineering Geology/ Project management.</li> <li>• Postgraduate qualifications will be an added advantage</li> </ul>	<b>30</b>
<b>Level of Experience</b>	Previous work in: <ul style="list-style-type: none"> <li>• Geohydrology/ Engineering Geology/ Geotechnical Engineering <b>(10)</b></li> <li>• Dolomitic Stability Study <b>(10)</b></li> <li>• Mining towns projects<b>(10)</b></li> <li>• NUSP projects <b>(10)</b></li> </ul>	<b>40</b>
<b>Approach and methodology</b>	<ul style="list-style-type: none"> <li>• Methodology, time frames for delivery and clear understanding of information to be collected and the rationale thereof</li> </ul>	<b>30</b>
<b>Total</b>		<b>100</b>

12.2. The following criteria will be used for point's allocation for price and B-BBEE compliance on a 80/20 point system:-

**Table 1 – Price and B-BBEE**

CRITERIA	SUB-CRITERIA	WEIGHTING/ POINTS
Price	Detailed budget breakdown	80
B-BBEE Status Level Verification Certificate from accredited verification agencies.	B-BBEE Level Contributor	20
<b>TOTAL</b>		<b>100</b>

The HDA proposal will be evaluated as per PPPFA regulations.

### 13. TERMS AND CONDITIONS

13.1 The HDA undertakes to pay in full within 30 (thirty) days of all valid claims for work done to its satisfaction and upon presentation of a substantiated claim/invoice.

13.2 No payment will be made where there is outstanding information/work by the service provider/s.

### 14. SUBMISSION OF PROPOSALS

14.1 Proposals should be submitted in a sealed envelope clearly marked **Dolomitic Stability Study for Itireleng in the City of Matlosana** and deposited in a tender box on or before the **12 October 2018** not later than **12H00** to the following address:

**Attention: Procurement Specialist**

Block A, Riviera Office Park

6-10 Riviera Road

Killarney, Johannesburg

2193

- 14.2. Further information regarding technical matters may be sent via email to: [Thiathu.Manenzhe@thehda.co.za/Simon.Maluleke@thehda.co.za](mailto:Thiathu.Manenzhe@thehda.co.za/Simon.Maluleke@thehda.co.za) or telephone **011 544 1000**.
- 14.3. Further information regarding supply chain matters and queries may be sent via email to [Sindisiwe.mweli@thehda.co.za](mailto:Sindisiwe.mweli@thehda.co.za) or telephone **011 544 1000**.
- 14.4. Proposals must be accompanied by:
- A company profile
  - CSD registration report (registration with the **National Treasury Central Supplier Database**. If not yet registered, please use the following link to register: <https://secure.csd.gov.za>.)
  - SBD Forms (SBD4, SBD6.1, SBD8 and SBD9) obtainable from the HDA Website: [www.thehda.co.za/procurement](http://www.thehda.co.za/procurement), under compliance checklist.
  - Valid and original or certified B-BBEE Status Level Verification.
  - Certificates issued by the following agencies: SANAS, IRBA or CCA.
  - Proposal/quotation.

The selection of the qualifying proposal will be at the HDA's sole discretion. The HDA does not bind itself to accept any particular bid/proposal; and the HDA reserves the right not to appoint the consultant.



# ANNEXURE A: MAP OF DEFINED STUDY AREA



Author: Busiswe Masings  
Date: 9/12/2018



DISCLAIMER: Whilst all possible care and attention has been taken in the production of this map, the HDA cannot accept any liability whatsoever for any perceived inaccuracies or misrepresentation of the information shown on this map.

Portion 3 of farm Vaalkop 439 IP  
Itireleng village, Orkney, City of Matlosana

