



## **Applied Biodiversity Research Division**

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**Q2157/2011**

### **SHORT TERM CONSULTANCY**

#### **Vegetation Survey of the Baviaanskloof-Mega Reserve**

Consultants are invited to submit expressions of interest to undertake the work outlined in the Terms of Reference below

#### **Background**

Long term records of vegetation dynamics may be useful in determining the baseline state and drivers of ecosystems, and in assessing direction of change in community composition, diversity, structure or phenology in response to change factors, including climate change, nutrient loading, carbon dioxide fertilisation, alien species invasion, land use or disturbance regime among others. The goal of this project is to follow up on a vegetation survey in the Baviaanskloof Mega-reserve performed in the 1990s so as to develop a long term record of vegetation dynamics. The follow up requires locating the original vegetation monitoring plots and re-surveying species composition, cover and abundance and recording a series of descriptive and quantitative environmental variables.

### **TERMS OF REFERENCE**

#### **Aim**

To develop a long term record of vegetation dynamics in the Baviaanskloof Mega-reserve

#### **Objectives of vegetation survey**

1. Locate and re-mark the original vegetation monitoring plots.
2. Re-surveying species composition, cover and abundance.
3. Record and collect a series of descriptive and quantitative environmental variab

## **Deliverables**

1. Species list for each plot indicating cover and abundance of each species.
2. Descriptions of environmental conditions of each plot.
3. Soil samples for each plot.
4. Photos of plot locations with plot marker (N, S, W, E) and GPS coordinate.

## **Timeframe**

The contract should be completed before the 25<sup>th</sup> December 2011.

## **Qualifications and Experience**

The work requires a consultant with experience of fynbos and subtropical thicket vegetation surveys, preferably within the Baviaanskloof area. The consultant must demonstrate a good knowledge of Fynbos and Subtropical Thicket species, particularly the ability to identify species from vegetative material. Further requirements are a willingness to live in isolated areas for extended periods of time, good hiking, orienteering and alpine camping skills, good personal skills and willingness to interact with researchers and farmers.

## **Minimum criteria for selection of a service provider**

Prospective consultants are requested to provide the following information:

1. A Curriculum Vitae, outlining technical expertise and relevant experience relating to the TOR
2. Confirmation of availability
3. A brief outline of the likely approach to deliver on the TOR
4. A detailed budget (with hourly rates indicated) and project plan with time frames

*In addition, the Preferential Procurement Policy Framework Act (No. 5 of 2000) and SANBI procurement process applies to these Terms of Reference. Note that service providers are required to comply with the processes outlined here. Failure to comply will result in disqualification of proposals:*

- 1. Service providers are required to submit a valid tax clearance certificate with their proposals. In the case that the service provider is not in possession of a valid tax clearance certificate, this should be applied for in good time ahead of the proposal deadline.*
- 2. The Standard Bidding Forms (included in the bid documentation) must be completed and submitted with this proposal.*
- 3. The 80/20 point system will be applied in evaluating proposals, where technical merit and price constitute 80 points and ownership by formerly disenfranchised individuals, women and disabled people constitutes 20 points.*
- 4. Evaluation of proposals will be done according to the following criteria. Sufficient information should be provided to allow for evaluation according to these criteria:*

<i>Criteria</i>	<i>Points</i>
<i>Technical merit of proposal (approach, time and deliverables)</i>	<i>50</i>
<i>Qualification, expertise and competencies of service provider</i>	<i>50</i>
<i>TOTAL</i>	<i>100</i>

5. *Service providers who fail to score a minimum of 60 points out of a possible 100 points on technical merit and qualification criteria will not be eligible for further consideration.*

### **Submissions**

The closing date for the submission of proposals is **26 August 2011**

Interested parties are encouraged to submit their proposals to Dr Tony Rebelo via email at [T.Rebelo@sanbi.org.za](mailto:T.Rebelo@sanbi.org.za)

For further enquiries, please contact Dr Tony Rebelo at 021 799 8727