



## CONSULTANT NEEDED

### FOR THE DEVELOPMENT OF AN ONLINE WEB-BASED DIRECTORY WITHIN THE CONSERVATION SECTOR

The Southern African Wildlife College is in the process of developing a training needs assessment tool for the Greater Limpopo Trans Frontier Conservation Area (GLTFCA). The tool takes the form of a website that lays out an idealised organogram structure for conservation areas, listing departments, positions of people within these departments, and the skills each person, at each level should have. The structure is based on IUCN recommendations, interviews with private and public sector conservation managers, as well as industry experts in each field of expertise. The website will be hosted by the Southern African Wildlife College (SAWC), who will also maintain it.

### ROLE OF THE CONSULTANT

The consultant will be required to:

- Assist in creating an online directory for training needs and analysis for job titles needed in the conservation sphere. The web application encourages users, organisations, and individuals to create profiles to be able to design their own personalised skills tree for the development of career pathways. It should also allow for service providers to create and list course offerings, using a generic organogram structure to display the job pathways
- Work together in developing a training inventory, to provide input on the required database format, and to develop an online table with search functions which can be incorporated in other websites via an i-frame
- The candidate will serve as additional capacity on the project and will need to work closely with the current Developer. Due to the modular nature of the project, the development has been done in Python using a Django web framework, utilising a PostgreSQL database, with a Postgis add-on. It is currently hosted in an Apache Server. The consultant will be required to assist with a complete overhaul of the front-end, where the most capacity is required.
- Publish information on publicly accessible platform, with column heads in English, French and Portuguese

### QUALIFICATIONS AND EXPERIENCE REQUIRED

1. Full-Stack Developer
  - Front-end: HTML, CSS, js, bootstrap and jQuery
  - Back-end: Python, Django, PostgreSQL and apache
2. An ability to collect and enter data
3. Confidentiality – all aspects of this project will be subject to a confidentiality clause.
4. Minimum of 5 year's experience and a degree in computer science
5. Previous project experience
6. Report writing skills

### TENDERS/ PROPOSALS

Interested parties should:

- Send a full curriculum vita
- Certified copies of relevant qualifications
- Submit a full proposal on how deliverables will be met, and reported on
- Propose costs for services rendered/ deliverables met by accessing the following link: Annex 3 Budget allocation form – English.xlsx

All proposals and applications to be sent to [mvanderwalt@sawc.org.za](mailto:mvanderwalt@sawc.org.za) by **30<sup>th</sup> September 2020 at 16h00**

