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**TERMS OF REFERENCE FOR A CONSULTANCY WITH THE SECRETARIAT OF THE
CONVENTION ON BIOLOGICAL DIVERSITY TO SUPPORT THE PROGRAMME OF WORK
ON PROTECTED AREAS AND THE LIFEWEB INITIATIVE**

Terms of Reference

Web Developer / Programmer

Background

About the Convention on Biological Diversity

Signed by 150 government leaders at the 1992 Rio Earth Summit, the Convention on Biological Diversity (CBD) is dedicated to promoting sustainable development. Conceived as a practical tool for translating the principles of Agenda 21 into reality, the CBD recognizes that biological diversity is about more than plants, animals and microorganisms and their ecosystems – it is about people and our need for food security, medicines, fresh air and water, shelter, and a clean and healthy environment in which to live.

The CBD is one of the most broadly subscribed international environmental treaties in the world. It currently has 193 Parties who have committed to its three main goals: the conservation of biodiversity, sustainable use of its components and the equitable sharing of the benefits arising out of the utilization of genetic resources. The Secretariat is located in Montreal, Canada. Refer to www.cbd.int.

Work to be undertaken

The work will be undertaken under the supervision of the Programme Officer in charge of the LifeWeb Initiative Website and in close collaboration with other programmers and developers. The web developer's main tasks will be to support the development of a web application using MVC design patterns and the AngularJS framework for the LifeWeb Initiative Website.

Scope of work and deliverables

The incumbent web designer shall be required to provide the following services:

- Support the development of CBD web applications
- Collaborate with Web Developers to create robust, reusable, and efficient server -side and front-end components, tools and functionalities.

Projects can be worked on remotely and at flexible hours, but applicants in Montreal, QC area may be given preferential consideration.

Qualifications



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Education

University degree or specialized diploma in Computer Science or a related program

Skills and Expertise

- Solid understanding of user interface design principles and conceptual design
- Passion for staying up-to-date on the latest web technologies and trends
- Advanced level of proficiency using industry-standards for web development
- Solid experience in using web technologies HTML5, JavaScript, Bootstrap, jQuery and consuming and creating web services
- Expert knowledge of .NET, SQL, and C# and server-side UI design patterns
- Expert knowledge of Angular JS and similar front-end JavaScript frameworks

Core Competencies

- Professionalism – Strong knowledge of the field of expertise with good analytical skills and ability to solve problems.
- Effective and efficient at understanding complex problems and the ability to rapidly experiment and adapt - The ability to quickly understand CBD content and user issues in order to present and develop graphics that add value to the content.
- Planning & Organizing - Ability to plan work and manage conflicting priorities.
- User Orientation – Ability to rapidly understand, analyze and respond to user needs.
- Communication – Good spoken and written communication skills, including the ability to liaise with technical staff and present information in a clear and concise style.
- Teamwork - Good interpersonal skills and ability to establish and maintain effective partnerships and working relations in a multi-cultural, multi-ethnic environment with sensitivity and respect for diversity.

Languages

Fluency in English is required

Timeframe

A total timeframe of one month is envisaged for the delivery of products and services specified. Work is envisioned to begin immediately after the 16 Aug deadline and hiring process is completed.

Modalities of payment

The contract will be paid hourly and will not exceed USD \$5000. The first installment of USD \$2500 will be paid upon transmission of an agreed detailed work plan and the remaining balance, USD \$2500, upon successful delivery of deliverables.

Application

Submissions should contain an expression of interest, together with the curriculum vitae and portfolio of the expert, stating his/her relevant experience and capacity to undertake the work.



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All submission must include their hourly rate.

All submissions should be made electronically to secretariat@cbd.int before 16 Aug 2013