**TERMS OF REFERENCE**

**Consultancy**

**PGR Secure: PGR Diversity Gateway**

Bioversity International (“Bioversity” for short) is the world’s largest organization undertaking research on agricultural biodiversity, dedicated to addressing global issues related to food security, poverty, climate change and environmental degradation. We are a non profit organization, active in over 100 countries worldwide, with more than 350 staff working from some 16 country offices. We are one of 15 centres of the Consortium of International Agricultural Research Centres (CGIAR).

The work to be done under this consultancy focuses on redesigning and further development of the PGR Diversity Gateway being developed under the PGR Secure project, including the integration of the crop wild relative portal and other web resources for in situ and on farm. .

Under the supervision of the Research Programme Officer the consultant role is to:

* Redesign and further develop the users interface website.
* Add appropriate content to website
* Assist in the development of the search component of the PGR Diversity Gateway:
* Assist in the development of the summary reports interface and view search results by summary
* Assist in the development of the trait search interface and Search specific crop traits
* Assist in the development of thematic search forms
* Assist in the development of a library of general purpose user interface components to be deployed in this and other web sites.
* Assist in the development of a generic framework for integration of other thematic and scientific data components (in situ and on farm, other project data)
* Develop map interface (allowing search and layer section outputs)
* Produce documentation of done work.

This consultancy is based at Bioversity’s Headquarters in Maccarese, Rome.

In addition to the activities described above, weekly or bi-weekly meetings with the supervisor will be set for updating and assess/monitor progress, according to incumbent and the team workplans.

**Requirements:**

* Experience on web designing including for mobile tools.
* Web mapping tools and development
* Good knowledge on HTML5, CSS3 and JavaScript
* Knowledge of PHP

**Minimum qualifications and competencies:**

* Informatics University first degree (BSc) or equivalent qualifications; biodiversity or biology knowledge would be an advantage.

**Skills & abilities:**

* Good knowledge in user interface components and responsive design
* Experience with web design interfaces
* Interpersonal, communications and teamwork skills; courtesy, tact and the ability to establish and maintain effective working relationships with people of different cultural and national backgrounds
* Good analytical and synthesizing skills with the ability to write clearly and concisely
* Good command of the English language, both written and spoken.

**Duration: 6 month**

**Dates:** as soon as possible

**Working schedule and duty station:** based on agreed work plan and deadlines, working from HQ.

**Supervisory arrangements:** staff will be supervised by Sónia Dias, Research Programme Officer, and task manager.