International or National consultant for the valuation of genetic resources and associated traditional knowledge

<table>
<thead>
<tr>
<th>Application type:</th>
<th>External vacancy</th>
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</thead>
<tbody>
<tr>
<td>Job Title:</td>
<td>Biodiversity Finance Expert</td>
</tr>
<tr>
<td>Category:</td>
<td>Economic Valuation</td>
</tr>
<tr>
<td>Duty station:</td>
<td>Kigali, Rwanda (Home based)</td>
</tr>
<tr>
<td>Application Deadline:</td>
<td>30th May 2018</td>
</tr>
<tr>
<td>Type of contract:</td>
<td>International or National Individual Contract</td>
</tr>
<tr>
<td>Expected starting date:</td>
<td>Immediately</td>
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<tr>
<td>Duration:</td>
<td>38 working days in 6 calendar months</td>
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1. Background

1.1. Introduction:

The Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization (ABS), an agreement under the Convention on Biological Diversity, was adopted on 29 October 2010 in Nagoya (Japan) and entered into force on 12 October 2014, it provides a transparent legal framework for the effective implementation of the 3rd objective of the Convention on Biological Diversity (CBD). The Protocol applies to genetic resources that are covered by the CBD and to the benefits arising from their utilization, it also covers traditional knowledge (TK) associated with genetic resources held by indigenous and local communities. Contracting parties to the Nagoya Protocol need to fulfil core obligations to take measures in relation to access to genetic resources, benefit-sharing and compliance.

The UNDP-GEF Project “Strengthening human resources, legal frameworks, and institutional capacities to implement the Nagoya Protocol” (Global ABS Project) is a 3-year project that specifically aims at assisting 24 countries in the development and strengthening of their national ABS frameworks, human resources, and administrative capabilities to implement the Nagoya Protocol. The project seeks to achieve this through its 4 components namely:

- Component 1: Strengthening the legal, policy and institutional capacity to develop national ABS frameworks;
• Component 2: Building trust between users and providers of genetic resources to facilitate the identification of bio-discovery efforts; and
• Component 3: Strengthening the capacity of indigenous and local communities to contribute to the implementation of the Nagoya Protocol.
• Component 4: Implementing a Community of Practice and South-South Cooperation Framework on ABS.

The implementation of the basic measures of the Nagoya Protocol in Rwanda similarly to the other participating countries will unleash a wide range of monetary and non-monetary benefits for providers of genetic resources. Some of these benefits should be reinvested in the conservation and sustainable use of the biological resources from where the genetic resources were obtained. This will fulfil the three objectives of the Convention on Biological Diversity.

1.2. Context:

Rwanda ratified the Nagoya Protocol on October 12, 2014 and is on track to develop an enabling legal and institutional framework for the implementation of the Protocol. A draft Ministerial Order governing the Biodiversity permits has been developed and some of its articles determine the access to genetic resources and the fair and equitable sharing of benefits arising from their use. Other related existing laws are the Organic Law No. 04/2005, which determines the modalities of protection, conservation, and promotion of the environment in Rwanda, especially in its articles 4, 19, 52 and 82; Law No. 70/2013 of 02/09/2013, which governs biodiversity in Rwanda, especially in its Article 29; and Law No. 31/2009 of 26/10/2009, which enforces protection of intellectual property rights (IPR).

Rwanda adopted a Biodiversity Policy in 2011 and a Biodiversity Law in 2013, and developed its first NBSAP in 2003. The document targeted the following five major outcomes: a) improved conservation of protected areas and wetlands; b) sustainable use of the biodiversity of natural ecosystems and agro-systems; c) the rational use of biotechnology; d) the development and strengthening of policy, institutional, legal, and human resource frameworks; and e) the equitable sharing of benefits derived from the use of biological resources.

Although many activities have been successfully achieved for each of the five outcomes, implementation challenges still persist in the following areas; coordination of activities due to lack of key permanent staff to manage and monitor the overall program; technical capacity; linkage with other international instruments; conflicting priorities based on institutional mandates; lack of new and appropriate financing mechanisms; mobilization and coordination of donors; and the absence of an established benefit-sharing mechanism in agroecosystems production and the initiation of new and stimulating incentives to protect agrobiodiversity. The revision and updating of the NBSAP has been completed in December 2016 and the new NBSAP was approved by the Rwanda Cabinet of Ministers on 03/02/2017.

Rwanda Environment Management Authority (REMA) is the designated institution where the CBD and ABS focal points are hosted. The implementation of the basic measures of the Nagoya Protocol in Rwanda as one of the participating countries will unleash a wide range of monetary and non-monetary benefits for providers of genetic resources. Some of these benefits should be reinvested in the conservation and sustainable use the biological resources from where the genetic resources were obtained. This will fulfil the three objectives of the Convention on Biological Diversity.
2. Objective and Scope of work

The national consultant, with the technical and strategic backstopping of the international consultant, will support the identification of high value GR/aTK, the analysis of the economic potential of priority ABS value chains, and the drafting of the national ABS strategies. The Consultant shall work in close coordination with the project country team in Rwanda. The country team shall include, at minimum and in line with national circumstances, the National Project Director and Coordinator, the national consultants, the National Project Manager from UNDP country office, the Global Project Manager and the Regional Project Specialist for Africa from the Global ABS project team.

The consultant will adhere to National procedures for development and adoption of National guidelines, regulations, policies and legislative mechanisms.

This consultancy will help answer questions under the following topics:

1. Identify high value GR/aTK and priority ABS value chains:
   a. Which socio-economic and ecological criteria to consider in identifying high value GR/aTK within specific sectors and between different sectors? (economic potential, importance for conservation and ecosystems, socio-culture value…etc.)
   b. What is the methodology to select the top priority value chains within specific sectors and between different sectors?

2. Undertake a detailed analysis of the socio-economic potential for each of the selected value chains
   a. Which sectors are directly/indirectly dependent on GR/aTK? and what are their current socio-economic value/potential?
   b. What are the contributions of GRs and aK in the national economy? What is the estimated economic value of such contributions?
   c. What is the business model of the key industries operating in the identified value chains? What are the global market trends and predictions for these value chains?
   d. What is the potential socio-economic value of GR/aTK? How can ABS through the valorization of GRs and aTK contribute to achieving national SDG targets?
   e. What is the conservation status of the selected high economic value GR?

3. Provide strategic guidance and backstopping with regards to the drafting of national ABS valorization strategies and facilitate the initiation of research and biodiscovery partnerships.
   a. Who are the current/potential users of GR/aTK in the identified priority value chains?
   b. How to approach and structure existing/new research and bioprospecting partnerships?
   c. How to proactively engage the private sector to promote the development of ABS compliant value chains?
   d. How to associate researchers and private sector to promote the development of ABS compliant value chains?

3. Outputs/Expected deliverables

The selected consultant will provide the following key deliverables:
• Deliverable 1 Methodology for the identification of high value GR/aTK and the selection of priority ABS value chains. To be delivered before 5 days from the start of assignment (4 working days);
• Deliverable 2 Socio-economic analysis (in collaboration with the national team and including capacity building and training workshop as specified by the team) of selected ABS value chains. To be delivered within 2 months from start of assignment. (24 working days);
• Deliverable 3 Strategy for initiating research and biodiscovery partnerships and engaging the private sector in ABS complaint value chains. To be delivered before 5 months from start of assignment (10 working days).

4. Duration of the contract
The assignment is expected to take 28 work days in the period of 6 months.

5. Institutional arrangement
UNDP will contract a National Consultant to undertake this assignment. REMA will supervise the consultant and will facilitate logistical requirement for the work, such as the organizing of field visits. The Consultant will directly report to the ABS Project Coordinator at REMA and UNDP Country Office focal point. A Technical Working Group to guide the assignment will be established, made up of technical members of related government agencies, civil society, private sector, academia, REMA and UNDP. All deliverables should be accepted and approved by the Technical Working Group, and cleared by the DG REMA.

6. Duty station
The assignment is both home and field (Kigali) based. The consultant may be required to travel to sites outside Kigali as appropriate. In that case he/she will be paid separate DSA.

7. Required expertise and experience

Academic Qualifications/Education:
• Minimum Bachelor’s degree in biology, biotechnology, biochemistry, environmental finance, or another related field.

Experience:
• At least 5 years of experience in environmental economics or a similar field of expertise.
• Experience in valuing natural resources;
• A good understanding of the main challenges facing the implementation of the Nagoya Protocol and ABS regimes in Africa region; specific experience in Rwanda is an asset;
• Experience working in multi-disciplinary teams with national experts and other stakeholders from relevant national institutions;
• Working experience in an international organization or knowledge of UN policies, procedures and practices is an asset.

Language skills:
• Excellent writing, editing, and oral communication skills in English knowledge of French and Kinyarwanda is an asset.
Competencies:
• Ability to provide guidance on valuation of genetic resources and associated traditional knowledge within priority ABS compliant value chains;
• Knowledge of the science-policy-business interface related to ABS and the ability to apply it to strategic and/or practical situations;
• Ability to contribute to strategic planning, change processes, results-based management and reporting;
• Demonstrates practical knowledge of inter-disciplinary development issues;
• Consistently approaches work with energy and a positive, constructive attitude;
• Demonstrates strong oral and written communication skills;

8. Payment modality
The consultant will be paid the consultancy fee upon completion of the following deliverables.
10% upon completion and acceptance of the Inception Report.
50% upon completion and approval of the Socio-economic analysis report.
40% upon completion and approval of the Strategy report.

9. Application procedures
Qualified and interested candidates are hereby requested to apply. The application should contain the following:
• Personal CV or P11, indicating education background/professional qualifications, all past experience, as well as the contact details (email and telephone number) of the candidate and at least three (3) professional references;
• Brief description of why the individual considers him/herself as the most suitable for the assignment and a methodology, on how they will approach and complete the assignment;
• Financial proposal that indicates the all-inclusive fixed total contract price, supported by a breakdown of costs, to be provided by the UNDP procurement.

10. Evaluation criteria
The consultant will be evaluated against a combination of technical and financial criteria (combined scoring method). Maximum score is 100% out of which technical criteria equals 70% and financial criteria equals 30%. The technical evaluation will include the following:

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<th>Criteria</th>
<th>Weight</th>
<th>Max. point</th>
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<tr>
<td>Excellent proposed methodology for accomplishing the assignment</td>
<td>40</td>
<td>40</td>
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<tr>
<td>Minimum Master’s degree in biology, biotechnology, biochemistry,</td>
<td>10</td>
<td>10</td>
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<tr>
<td>environmental finance, or another related field.</td>
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<tr>
<td>At least 5 years of experience in environmental economics or a similar</td>
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<td>field of expertise.</td>
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<tr>
<td>Experience in valuing natural resources;</td>
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<tr>
<td>A good understanding of the main challenges facing the implementation</td>
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<td>of the Nagoya Protocol and ABS regimes in Africa region; specific</td>
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<td>experience in Rwanda is an asset;</td>
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<td>Requirement</td>
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<tr>
<td>Proven ability to provide guidance on valuation of genetic resources and</td>
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<td>associated traditional knowledge within priority ABS compliant value chains;</td>
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<tr>
<td>Knowledge of the science-policy-business interface related to ABS and the</td>
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<td>ability to apply it to strategic and/or practical situations;</td>
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<tr>
<td>Experience working in multi-disciplinary teams with national experts and</td>
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<td>other stakeholders from relevant national institutions;</td>
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<tr>
<td>Excellent writing, editing, and oral communication skills in English</td>
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<td>knowledge of French and Kinyarwanda is an asset.</td>
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<td><strong>Total</strong></td>
<td>100%</td>
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UNDP is committed to achieving workforce diversity in terms of gender, nationality and culture. Individuals from minority groups, indigenous groups and person with disabilities are equality encouraged to apply. All applicants will be treated with the strictest confidence.

**Prepared by:**

Signature: _____________________________
Name and Designation: Reina Otsuka, Environmental Specialist
Date of Signing: ___________________________

**Reviewed and Cleared by:**

Signature: _____________________________
Name and Designation: Bernardin Uzayisaba, OIC, PEU
Date of Signing: ___________________________

**Approved by:**

Signature: _____________________________
Name and Designation: Stephen Rodriques, Country Director
Date of Signing: ___________________________