



UNITED NATIONS DEVELOPMENT PROGRAMME JOB DESCRIPTION

I. Position Information

Job Code Title:	Expert on value & supply chain analysis in the Bioprospecting/Biotrade Sector AND/ OR Livelihoods
Grade:	National Consultant
Supervisor:	UNDP Senior Programme Manager and Department of Environmental Affairs Bioprospecting/Biotrade Economy Manager
Duration	12 Weeks

II. Organizational Context

The Government of South Africa has received funds from the Global Environment Facility (GEF) to develop a project on **Value Chains for Products derived from Genetic Resources in Compliance with the Nagoya Protocol on Access and Benefit Sharing and the National Biodiversity Economy Strategy**. The project will support Government to achieve its vision of the National Biodiversity Economy Strategy (NBES), which is to optimise the total economic benefits of the bioprospecting industries by ensuring the NBES is implemented in accordance with the *Nagoya Protocol on Access and Benefit-Sharing*. The project will ensure that communities and companies working with genetic/biological resources, not only increase their understanding of the Nagoya Protocol, but also apply relevant ABS requirements in development of value chains for genetic/biological materials. The project will support development of value chains for genetic/biological resources across the nine provinces of the South Africa. The project target communities have been prioritised for development of small and medium size enterprises and community-based initiatives which sustainably use of indigenous biological and/or genetic resources, with a view to redistribute the benefits in an equitable manner, across various income categories and settlement areas of the country.

The project will achieve this through the following three components:

- **Component 1):** Research and development of products in line with the definition of utilisation of genetic/biological resources of the Nagoya Protocol
- **Component 2):** Value chain development, biodiversity conservation and benefit-sharing for bioprospecting products
- **Component 3):** Capacity building of agencies to add value to genetic/biological resources; develop model contractual clauses; and negotiate, implement and monitor ABS agreements

UNDP and the Department of Environmental Affairs are seeking the services of an **Expert on value & supply chain analysis in the Bioprospecting/Biotrade Sector AND/ OR Livelihoods** to conduct a national baseline assessment/study on value chains around the development and use of genetic resources within the context of the Nagoya Protocol on Access and Benefit Sharing.

III. Reporting Lines

Under the supervision of the UNDP Senior Programme Manager and DEA Bioprospecting/Biotrade Economy Manager, the Bioprospecting/Biotrade Economy Specialist will work closely with the International Project Design and Development Expert.

IV. Functions / Key Results Expected

The consultant's task will include:

i) Providing a comprehensive baseline assessment on the following:

- the nature and number of research collaborations between government authorities, private sector parties, holders of traditional knowledge and rural communities to develop and commercialise novel genetic/biological resources.
- The number of new local R&D innovations (patents, products etc.) and technologies which enter the bioprospecting sector.
- The number of indigenous biodiversity registration in regional and international inventories acknowledged for consumer use/trade.
- The extent of product development and manufacturing potential of natural products in SA.
- The scope and extent of domestic business incubator support.
- Identification of the current number and nature of small and medium enterprises promoted within the bioprospecting sector through training and skills development, including the level of education, skills and training emanating from the sector.
- The nature of the benefit-sharing agreements negotiated between industry and communities, the number of bioprospecting products in domestic & international markets.
- The number of bioprospecting products that have community involvement in the supply chain.
- The number of jobs being created in the sector including for disadvantaged communities.
- The assessment of the financial flows accruing to the Traditional Healers Committees and communities in the form of royalties generated from the commercialisation of the genetic/biological resources.
- The assessment of sustainable community based business model and provide a sustainable model for community based biodiversity businesses related to the bioprospecting/biotrade value-chain.
- Consolidate findings and develop business cases on nationally identified high potential indigenous biodiversity for the bioprospecting/biotrade industry.

ii) Conduct a situational analysis with recommendations on the following:

- Conservation of threatened species from where the plant resources in question will be harvested.
- Sustainable harvesting practices/models of high potential biodiversity in the wild.
- Models on sustainable cultivation ventures of high potential biodiversity.

V. Expected Outputs and Deliverables

The results of the study will be linked to the achievement of the project milestones that will be specific in the implementation of the project preparatory phase. Effective payments will be linked to the deliverable of the timely presentation and approval by the UNDP and Department of Environmental Affairs project team of the following deliverables:

1. Comprehensive report on analysis of the current baseline situation on the country on the development, use and benefit sharing from genetic resources for the different stakeholders. Clear recommendations on the development of sustainable and inclusive value chains from the development of (selected) genetic resources.
2. Strategy to promote local value addition of indigenous biodiversity in the bioprospecting/biotrade sector
3. Business case report for high potential indigenous biodiversity for the bioprospecting/biotrade sector.

VI. Institutional Arrangement

Under the supervision of the UNDP Senior Programme Manager and DEA Bioprospecting/Biotrade Economy Manager, the Value & Supply Chain Consultant will work closely with the Bioprospecting/Biotrade Economy Specialist and the International Project Design and Development Expert

VII. Evaluation/Award of Contract

The contract will be awarded to the lowest priced technically qualified proposal.

Where 70% is the minimum technical score of the following overall criteria:-

- Methodology
- Experience
- Qualification

Applicants are required to submit the following:

- A Technical Proposal: Letter of Interest, stating why you consider your service suitable for the assignment and a brief methodology on the approach and implementation of the assignment;
- Personal CVs highlighting qualifications and experience in similar projects;
- Work references - contact details (e-mail addresses) of referees (organisation for whom you've produced similar assignments);
- Financial proposal indicating consultancy fee and a breakdown of expenses (unit price together with any other expenses) related to the assignment.

Applicants are required to submit the following documents to **procurement@undp.org** on or before the **28 October 2016** with the subject line: **Job Code Title and Reference Number**.

VIII. Recruitment Qualifications

Education:	<ul style="list-style-type: none">• Master's degree in Resource or Environmental Economics/ Development Studies/ Natural Science/ Ecology
Experience:	<ul style="list-style-type: none">• Excellent understanding of the Value & Supply Chain in the Bioprospecting/Biotrade Sector AND/ OR Livelihoods.• Previous consultancy on similar projects.
Language Requirements:	<ul style="list-style-type: none">• Good command of English is a requirement• Good speaking ability of other RSA official languages will be an advantage

IX. Signatures- Job Description Certification

Incumbent *(if applicable)*

Name	Signature	Date
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Country Director

Name	Signature	Date
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Deputy Country Director/Operations

Name	Signature	Date
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