**World Bank – Terms of Reference for Short-Term Consultant**

**Senior Conservation Technology Specialist – Global Wildlife Program (GWP)**

September 2022

The Global Environment Facility (GEF) in 2015, during the sixth GEF replenishment cycle, responded to the international call for action to combat illegal wildlife trade by launching the Global Wildlife Program (GWP), *a global partnership on wildlife conservation and crime prevention for sustainable development*. Following its expansion during the seventh GEF replenishment cycle, the GWP comprises 37 national projects across 32 countries in Asia, Africa, and Latin America with an investment of US$230 million GEF financing and $1.3 billion in co-financing, making it one of the largest GEF programmatic investments in biodiversity conservation.

The World Bank was selected as the lead agency to coordinate the program and to promote knowledge sharing and collaboration among GEF implementing agencies, national executing partners, and conservation organizations. The GEF-7 GWP global coordination project aims to: develop and disseminate analytics and assessments on wildlife-based economy and combating illegal wildlife trade; promote collaborative partnerships and investments between governments, private sector, local communities, and other relevant partners; develop and implement a dynamic knowledge management platform; communicate efforts and impact of the program; and monitor and evaluate outcomes of national and global projects. An important part of the GWP knowledge platform is that it responds to the identified needs of projects. Technology applications for conservation are a growing area of interest identified by GWP projects. While many GWP projects have begun using conservation technologies such as camera traps, drones, trackers, and sensors for wildlife and habitat monitoring, antipoaching operations, and data collection and analysis, others are considering using these innovative tools and technologies to support project activities. In addition, the GWP is finalizing an assessment of available conservation technologies and want to focus now on project needs, challenges, and lessons on the use of technology and helping projects integrate technology solutions in field-based interventions.

**Objectives of this TOR**:

This consultancy requires the Senior consultant to help GWP national projects deliver on their activities related to conservation technology by:

* **exchanging information** **and sharing experiences** on technology and tools for conservation (needs assessment, choice of technology solutions, management, and monitoring) to deliver on project objectives
* **increasing the capacity** of project teams to use and adopt technology, tools, and best practices for a range of application areas in conservation

The Senior Conservation Technology Specialist will be responsible for providing technical advice and capacity development to GWP project teams on conservation technology, distilling challenges and lessons from project teams, offering good practices and solutions and technical guidance, and planning and convening a knowledge exchange event so that projects can learn from each other on this topic.

**Scope of work:**

The consultant will complete the following tasks to support GWP on conservation technology:

1. **Assess priorities and needs of GWP projects on conservation technology, and identify opportunities, challenges, and lessons** *(7 days: Oct-December)*

The consultant will identify common issues across projects using/planning to use technology through a review of project documents and through a targeted survey of project teams. Methodology could also include asking project teams through emails, targeted interviews, of interested project teams and/or other methods. This review will help identify success stories, needs, common challenges, and lessons. The GWP team will provide initial documentation on project progress.

*Deliverable 1: Draft work plan and survey (October).*

*Deliverable 2: A brief note (~5 pages) summarizing the results of the assessment (December)*

1. **Prepare “Top Tips Sheet” for GWP projects on conservation technology** *(3 days: Nov-Dec)*

The consultant will prepare a short tip sheet for the GWP national projects outlining how to integrate conservation technology in project design and implementation focused on key gaps or challenges observed through the document and project progress review, aiming to help future projects avoid these challenges and learn from other experiences. The tips will include examples of good practices and a list of dos and don’ts, and references to essential resources and documents. Information gathered through Task 1 will be used to fine-tune the “tip sheet.”

*Deliverable 2: Top Tips on Conservation Technology (2-3 pages) (December)*

1. **Plan and deliver one 3-hour virtual knowledge exchange (KE) for GWP projects on the topic of conservation technology** *(10 days: Late January 2023)*

Based on assessing project needs, and requirements, the consultant will recommend the type of knowledge event (webinar, training, or workshop etc.) and then lead the design and delivery of the event. This event will be open to all interested GWP project teams (up to 36 projects from 32 countries) and will provide opportunities to share project lessons and experiences, facilitate peer-to-peer exchange, and help connect with solutions and technology providers.

The consultant will drive the process of organizing and facilitating the KE by developing the agenda and concept note. This will also include identifying and contacting relevant experts, technology providers, users, and GWP project teams to participate in the event. The consultant will develop an agenda that maximizes project engagement and participation. The GWP coordination team will cover GWP project registrations, manage the Zoom platform, arrange French and Spanish interpretation, and support the event's hosting. The consultant will also prepare a brief (2-3 page) post-event report summarizing the purpose, agenda, participants, post-event survey feedback, key discussion points, and next steps.

*Deliverable 4: Knowledge exchange event (January 2023) and Report (February 2023)*

1. **Provide targeted technical mentoring to GWP project teams** *(5 days and ongoing until June 2023)*

The consultant will conduct one-on-one or multi-project meetings with project teams to provide advisory and mentoring support on specific project activities related to the use of conservation technology. This will be provided upon request to projects working closely on this topic and in a flexible manner to meet project needs (e.g., guidance on technical activities/TORs/ standard operating protocols, connection to relevant experts and technology providers, sharing of best practices and available tools). The GWP coordination team will facilitate connections to projects.

*Deliverable 5: Summary of targeted mentoring delivered to GWP project teams (ongoing through to April 2023).*

**Deliverables**

Technical notes, reports and events associated with each task outlined above.

**Minimum Qualifications**

* Master’s Degree in science, conservation, ecology, international development, or a related topic.
* At least 15 years of proven, relevant experience in the field of conservation, including extensive knowledge of the application of technology for one or more of the following areas: protected area security; monitoring wildlife, habitats, and human-wildlife conflict; for antipoaching and trafficking activities; addressing demand reduction and illegal wildlife markets; or data collection, research, and analysis.
* Excellent knowledge of the type, range, and scope of available technology, use cases, success stories, and technology providers related to wildlife monitoring and combating illegal wildlife trade.
* Ability to communicate technical topics and terms to a non-expert audience
* Good analytical skills, ability to think strategically, analyze and synthesize diverse qualitative and quantitative data and information.
* Direct experience working in at least one of the following GWP regions: Africa, Asia, Latin America and the Caribbean.
* Excellent teamwork and interpersonal skills in working closely and collaboratively across organizational boundaries and with a wide range of stakeholders, govt., private sector, NGOs, international organizations, and development partners.
* Excellent written and verbal communication skills in English. Knowledge of Spanish and/or French is a plus.

**Reporting and duration**

The consultant will report to Program Manager, Global Wildlife Program. The number of days for the consultancy is 25 days from October 15, 2022 – June 30, 2023.

**To apply,** please send your CV to **gwp-info@worldbank.org** by Friday, October 7, 2022, with the subject line, *“Application: Senior Conservation Technology Specialist (Consultancy).”*

To learn more about the Global Wildlife Program, please visit:

 https://www.worldbank.org/en/programs/global-wildlife-program