



Building an Enabling Environment for Sustainable Development (BESD) Project

TERMS OF REFERENCE (TOR)

I. Position Information

Job Title	Re-Consultancy for Payment for Ecosystem Services in Phnom Kulen and Kbal Chay, Under the Building an Enabling Environment for Sustainable Development (BESD)
Reports to	BESD-DBD Project Coordinator and Project Implementer
Classified Level	Consultant
Contract Type	Individual Contractor
Location Base	Department of Biodiversity, GSSD, Ministry of Environment
Duration	27 th January to 31 th July 2020

II. Background

The General Secretariat of the National Council for Sustainable Development (GSSD), particularly the Department of Biodiversity (DBD) financially supported by the Embassy of Sweden and UNDP Cambodia is implementing a project entitled “Building an Enabling Environment for Sustainable Development (BESD)”.

The project aims to attain the following three outputs:

- Output 1:** CBNRM institutions strengthened and financial resources mobilized for sustainable NRM
- Output 2:** Waste reduced, recycled and reused through application of circular economy models
- Output 3:** Improved access to clean, affordable, and sustainable energy for the rural poor

One of the main project objectives is to improve natural resources management through operationalizing payments for ecosystem services (PES) in output 1.

In order to advance PES work, the RGC selected Phnom Kulen National Park (PKNP) and Kbal Chhay Multiple Use Area (KCMUA) as pilot sites for the implementation of PES (see Sor Chor Nor No. 1119 by the Council Ministers). The PKNP was established in 1993 by the Royal Decree of King Norodom Sihanouk and the total area of this park is 37, 500 ha in Siem Reap province. The KCMUA was established in 2016 by the last Sub-decree of the Prime Minister with the total area of 5,520 ha in Sihanouk province. These two areas have several services provided by the forest ecosystems: natural freshwater supply network, view landscape scenery, forest cover and vegetation, wildlife and its habitats, historic-cultural values and park and tourism facilities. Despite these important services, an array of threats (e.g. increased forestland encroachment and substantial groundwater exploitation) have been reported. Thus, there is an urgent need to design the PES operation scheme and mechanism for the two areas.

The BESD project focuses on the designing and piloting innovative environmentally sustainable models in the targeted areas through public and private partnerships. The DBD in collaboration with UNDP-Cambodia has so far conducted preliminary assessments of PES options, which led to a proposal from the RGC that payments could be linked to the Environmental and Social Fund (ESF) either on voluntary or mandatory basis.

Regardless of a future decision on voluntary or mandatory payments, it is important to understand existing experiences on fund management initiatives (e.g. community based eco-tourism, tourist entrance fee, donation and so on) and propose PES fund management mechanism that service users

would be motivated to pay/contribute for the PES scheme in PKNP and KCMUA.

III. Functions/Key Results Expected

The consultant/specialist will work closely with BESD-DBD's Project team, with assistant from BESD-PMU and UNDP team to fulfill the project sub-outputs *1.2 on Payment for Ecosystem Services (PES)* of the project's output 1. *CBNRM institutions strengthened and financial resources mobilized for sustainable natural resources management.*

Tasks and responsibilities of consultant include but are not limited to:

1. Explore funding management mechanism for PES (e.g. existing and other mechanism for PES)

- Collect and review existing national policies and legal frameworks related to Environmental and Social Fund (ESF) and PES (or PES like initiatives) in Cambodia
- Review existing experiences from fund management mechanism/models of relevant Social and Environmental Fund, PES like initiative in Cambodia (including Eco-tourism, Ibis rice, operation and management of conservation trust fund initiated by CI, voluntary donation and so on) and REDD+
- Identify and assess existing fund management initiatives such as community based eco-tourism, tourist entrance fee, donation and so on in/around PKNP and KCMUA
- Gather and review existing legal framework and strategy relevant to PES implementation in PKNP and KCMUA
- Propose PES fund management options that link to ESF or new fund management mechanism for both pilot sites based on the existing experiences from other initiatives in Cambodia

2. Design PES fund management mechanism for PES schemes in PKNP and KCMUA

- Map out potential ecosystem services in PKNP and KCMUA and identify services users and buyers
- Conduct interviews with key stakeholders on the PES fund management mechanism, payment/contribution modality, fund disbursement and fund monitoring in PKNP and KCMUA
- Define roles and responsibilities of national and sub-national government bodies in PES fund management (e.g. Ministry of Environment, National Council for Sustainable Development, GDANCP, Provincial Department of Environment of the 2 pilot sites and other relevant government bodies)
- Propose PES fund management body (including structure and TOR) to oversee the PES fund collection, disbursement and monitoring in PKNP and KCMUA
- Design a financial benefit sharing mechanism for PES in PKNP and KCMUA
- Draft operational guideline for PES/conservation agreement between service providers and users for PES in PKNP and KCMUA
- Conduct consultation meetings on the development of operational guideline for PES/conservation agreement with key stakeholders

3. Establish baseline for PES schemes in PKNP and KCMUA

- Define the boundary of PES sites for PKNP and KCMUA and buffer areas/zones around both sites can be included for PES interventions
- Establish baseline maps which include forest cover, land use types, water ways/bodies,

biodiversity hotspots and so on for PKNP and KCMUA

- Conduct field verification for baseline establishment for PES scheme in PKNP and KCMUA and consult with relevant stakeholders to verify field data
- Predict the trend of ecosystem services change with 5, 10, 15 for both PKNP and KCMUA

4. Design PES monitoring plan/framework for PES schemes in PKNP and KCMUA

- Review the role and responsibilities of key services providers and users in monitoring and reporting ecosystem services (e.g. forest cover change, water quality, biodiversity, carbon stock and so on) and define other related indicators
- Proposed a monitoring structure (e.g. national, sub-national and project site levels) for ecosystem services monitoring in PKNP and KCMUA
- Draft a monitoring plan/framework for services providers by consulting with relevant key stakeholders
- Identify key drivers of ecosystem services change and define target interventions or measures to improve the ecosystem services in PKNP and KCMUA
- Implement the monitoring plan and document lesson learn and best practice

5. Draft policy recommendations for national PES policy development

- Draft policy recommendations based on the PES schemes development for PKNP and KCMUA
- Organize a national consultation workshop/meeting to present the policy recommendations to relevant key stakeholders and gathering their feedbacks and comments
- Revise the policy recommendation based on the inputs from relevant stakeholders and finalize the policy recommendation

IV. Expected Outputs/Deliverables

No.	Deliverables/Outputs Based on the above tasks and responsibilities	Timeframe
1	• Detailed work and mission plan submitted	Week 2 of February 2020
2	• Report on list of existing and other mechanism for PES (Task #1)	Week 1 of March 2020
3	• Draft PES fund management mechanism for PES schemes in PKNP and KCMUA (Task #2)	Week 4 of March 2020
4	• Baseline report on PES schemes in PKNP and KCMUA and scenarios of the trend of ecosystem service changes in both sites with in 5, 10 and 15 years (Task #3)	Week 4 of April 2020
5	• PES monitoring plan/framework for PES schemes in PKNP and KCMUA and the draft of policy recommendations for national PES policy development (Task 4 &5)	Week 4 of May 2020

V. Payment Milestones

1	• Upon satisfactory completion of Deliverable 1	30%
2	• Upon satisfactory completion of Deliverables 2 & 3	40%
3	• Upon satisfactory completion of Deliverables 4 & 5	30%

VI. Recruitment Qualifications

Education:	• At minimum, a master's degree or equivalent in biology, geography, biodiversity conservation, natural resources management, environmental policy or a related field (a PhD
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	degree is preferred)
Experience:	<ul style="list-style-type: none"> • At least, 5 years of experience with NRM and private investment in protected areas and biodiversity conservation; • Experience in developing public instruments in the field of natural resources management, to promote investment will be an advantage; • Excellent, research based financial and knowledge/experience of ecosystem services valuations would be an asset; and • Experience in liaising with stakeholders including government and private sector. • Strong writing and drafting skills.
Competencies:	<ul style="list-style-type: none"> • Excellent communication and interpersonal skills; • Strong analytical skills and exceptional ability in communication and networking, negotiations and writing; and • Flexibility and ability to operate in different cultural settings and with a variety of stakeholders; culturally and gender sensitive.
Language Requirements:	<ul style="list-style-type: none"> • Very good command of Khmer and English (spoken and written)

Interested individual should submit CV and Cover Letter no later than 24th January 2020 to the Department of Biodiversity, Ministry of Environment: Morodok Techo Building (Lot 503), Tonle Bassac, Chamkarmon, Phnom Penh, Cambodia.

For more information, please:

Visit us at: www.chm.gdancp-moe.org, <https://ncsd.moe.gov.kh/tenders-jobs> or

Contact Department of Biodiversity, General Secretariat of National Council for Sustainable Development, Ministry of Environment.

Tel.: (855-12) 303 707

E-mail: sophorn_tin@yahoo.com and cambodiates@gmail.com

Only short-listed candidates will be contacted for interview.