



## Building an Enabling Environment for Sustainable Development (BESD) Project

### TERMS OF REFERENCE (TOR)

#### I. Position Information

Job Title	Consultancy for Setting up Payment for Ecosystem Services (PES) Piloting Procedure Under the Building and Enabling Environment for Sustainable Development (BESD)
Reports to	BESD-DBD Project Coordinator
Classified Level	Consultant
Contract Type	Individual/sub-grant Contractor
Location Base	Department of Biodiversity, GSSD, Ministry of Environment
Duration	1 <sup>st</sup> February to 20 <sup>th</sup> May 2021

#### 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. Conduct Willingness to Pay (WTP) surveys in Preah Sihanouk province and update WTP survey in Siem Reap and identify PES like fee collection mechanism**
  - Design and conduct WTP surveys in Preah Sihanouk province
  - Review existing WTP report to identify gap and ways to update the survey in Siem Reap province
  - Update the WTP survey questionnaire by including proposed fund management mechanism, payment/contribution modality (or payment vehicle) and fund disbursement preferred by ecosystem services users and key stakeholders)
  - Conduct the WTP surveys with at least 30 hotels, 5 water use and supply companies, 30 tour agencies, in each pilot site in Siem Reap and Preah Sihanouk provinces.
  
- 2. Identify the roles and responsibilities of ecosystem services buyers and services providers**
  - List down (stakeholder mapping) the services providers, services buyers and beneficiaries in PKNP and KCMUA
  - Develop the roles and responsibilities of ecosystem services providers and services buyers
  - Develop the term of reference (ToR) for PES procedure at provincial level including the way of negotiation with buyers and providers, information to be collected and rate to be negotiation
  
- 3. Develop the freshwater monitoring procedure and framework for PKNP and KCMUA**
  - Draft the guideline and data template to water monitoring
  - Proposed a monitoring structure (e.g. national, sub-national and project site levels) for ecosystem services (freshwater) monitoring in PKNP and KCMUA
  - Identify key drivers of ecosystem services change and define target interventions or measures to improve the ecosystem services in PKNP and KCMUA
  - Provide training to rangers or relevant stakeholders on ecosystem ground based data collection, mapping, reporting and monitoring
  
- 4. Draft PES lesson learns and policy recommendations for national PES policy development**
  - Draft PES lesson learn/case study on PES in KCMUA and PKNP
  - Draft policy recommendations based on the PES schemes development for PKNP and KCUMA
  - Organize a national consultation workshop/meeting to present the policy recommendations to relevant key stakeholders and gathering their feedbacks and comments
  
- 5. Provide technical support in the initiation of the PES pilot activities**

### IV. Expected Outputs/Deliverables

No.	Deliverables/Outputs Based on the above tasks and responsibilities	Timeframe
1	<ul style="list-style-type: none"> <li>• Contract signed</li> <li>• Detailed work and mission plan submitted</li> </ul>	Week 1 of February 2021

2	<ul style="list-style-type: none"> <li>• The gap of exiting WTP is reviewed and reported with proposing ways to extend</li> <li>• WTP survey questionnaire is updated and satisfied</li> <li>• The drafted list, roles and responsibilities of ecosystem services buyers and services providers are submitted</li> </ul>	Week 3 of February 2021
3	<ul style="list-style-type: none"> <li>• Draft freshwater monitoring procedure and framework for PKNP and KCMUA are submitted</li> <li>• Two trainings for rangers and relevant stakeholders are conducted</li> </ul>	Week 3 of February 2021
4	<ul style="list-style-type: none"> <li>• WTP's reported is satisfied</li> <li>• The roles and responsibilities of ecosystem services buyers and services providers in PKNP and KCMUA are satisfied</li> <li>• Freshwater monitoring procedure and framework is satisfied</li> <li>• PES lesson learns and policy recommendations for national PES policy development are submitted</li> </ul>	Week 1 of May 2021

#### V. Payment Milestones

1	<ul style="list-style-type: none"> <li>• Upon satisfactory completion of Deliverable 1</li> </ul>	30%
2	<ul style="list-style-type: none"> <li>• Upon satisfactory completion of Deliverables 2 &amp; 3</li> </ul>	40%
3	<ul style="list-style-type: none"> <li>• Upon satisfactory completion of Deliverables 4</li> </ul>	30%

#### VI. Recruitment Qualifications

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

Interested individual should submit Technical proposal along with updated CV and Cover Letter no later than 30th January 2021 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](http://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.: (855-98) 478 438

E-mail: [rathanaksomoeurn@gmail.com](mailto:rathanaksomoeurn@gmail.com) and [sopheachhin@gmail.com](mailto:sopheachhin@gmail.com)

Only short-listed candidates will be contacted for interview.