



TERMS OF REFERENCE

FOR INDIVIDUAL CONTRACT

POST TITLE: Water Onion Restoration Researcher

AGENCY/PROJECT NAME: Conserving Habitats for Globally Important Flora and Fauna in Production Landscapes

COUNTRY OF ASSIGNMENT: Ranong Province, Thailand

1) GENERAL BACKGROUND

Habitat loss and degradation has occurred and is happening as a result of combined rapid economic development and population growth resulting in an increasing demand for land for infrastructure (e.g. road and dam construction), agriculture and industry. The rapid expansion and intensification of industry and agriculture has also resulted in increasing demands on unsustainable use of natural resources. High demands for water within both agricultural and industrial has led to significant changes in the hydrology of many areas putting significant pressure on many freshwater species, an issue that is further heightened by high levels of pollution. Hunting of wild animals and endangered species for both domestic uses and international trade (both exotic pets and traditional medicine) remains a significant challenge in Thailand despite progress in the enforcement of laws and regulations. These threats are being further exacerbated by ongoing changes in climate that have the potential to significantly impact Thailand's major rice crops and water resources.

The "Conserving Habitats for Globally Significant Flora and Fauna in Production Landscapes" Project intends to mainstream the conservation of globally important and endangered biodiversity into the management of production landscapes through improved management of critical habitats. At the national level, it will develop a legislative, regulatory and enforcement framework to guide endangered species (ES) and critical habitat conservation and management. This will be supported by capacity building within key ministries and agencies to enhance cross sector coordination in critical habitat management, and to effectively monitor critical habitats and ES to better inform decision makers.

Piloting three species namely Eastern Sarus Crane (*Grus Antigone sharpie*), the Spoon-billed Sandpiper (*Eurynorhynchus pygmeus*) and the Water Lily (*Crinum thaianum*) in three geographical locations, the project will also build the capacity of local authorities, communities, private sector groups, and NGOs to develop environmentally friendly goods and services, which can provide a sound economic basis for ongoing critical habitat management and economic development. The project is financially supported by the Global Environment Facility (GEF), with the Office of National Resources and Environmental

Policy and Planning (ONEP) as the Implementing Partner, and the Zoological Park organization (ZPO) as the Responsible Party.

2) OBJECTIVES OF THE ASSIGNMENT

The objective of this assignment is to conduct a research on water onion restoration which will cover water onion populations and restoration modalities data collection, assessment and identify pilot sites and stakeholders for water onion restoration and database and monitoring system development. The consultant will also prepare a draft of water onion restoration plan.

3) SCOPE OF WORK

The consultant will undertake the following specific tasks to undertake analysis related to a research on water onion restoration:

Data collection and analysis:

- 1) Collection of data on the water onion populations and restoration modalities.
- 2) Study of the advantages and disadvantages including factors and impacts of each modality to identify successful restoration methods and/or barriers to successful methods.
- 3) Assessment and identification of piloted sites and stakeholders for water onion restoration.
- 4) Development of database, data collection tools and monitoring system for water onion restoration in piloted sites in coordination with Ranong Provincial Office of Natural Resources and Environment (PONRE) and UNDP to ensure linkages to the national-level water onion conservation and restoration plan and accessibility by stakeholders and public.
- 5) Implementation of developed database and monitoring tools.
- 6) Liaison with relevant stakeholders and communities to ensure consistent and sustainable data collection and monitoring of water onion restoration.

Report:

- 1) Report on the conclusion of the study.
- 2) database, data collection tools and monitoring system for water onion restoration
- 3) Provision of policy recommendations and strategies at all levels to improve water onion restoration methods and environmental-friendly legislations and practices.
- 4) Concrete lessons learned on water onion restoration and database that can be published for public dissemination/use.

4) DURATION OF ASSIGNMENT, DUTY STATION AND EXPECTED PLACES OF TRAVEL

From 6 December 2016 until 30 November 2017

Duty station: Ranong Province (with occasional travel within province)

5) FINAL PRODUCTS

- 1) Proposed methodologies, workplan and identification of piloted sites and water onion restoration, submitted three weeks from contract signature

- 2) Progress report, data collection tools, database and monitoring system, submitted three months from contract signature
- 3) Final comprehensive report, submitted eleven months from contract signature

6) PROVISION OF MONITORING AND PROGRESS CONTROLS

The consultant will report to the Project Director at ONEP and Programme Specialist, Inclusive Green Growth and Sustainable Development unit, UNDP Thailand. The consultant will work closely with the Project Manager and Project Management team, Conserving Habitats for Globally Important Flora and Fauna in Production Landscapes.

7) DEGREE OF EXPERTISE AND QUALIFICATIONS

I. Academic Qualifications:

- Thai national with advanced university degree in agriculture, environmental science, development, social science, or economics.

II. Years of experience:

- At least 5 years experiences in research and knowledge of research methodologies in the fields of development agriculture, environmental science or related fields.
- Experiences in project assessment is a plus.
- Experiences in managing and administering research and project budgets and maintaining effective communications with project counterparts.

III. Competencies:

- Excellent coordination and facilitation skills and technical writing ability.
- Strong networking and interpersonal skills
- Ability to produce a high volume of quality content.
- Ability to work under pressure and meet strict deadlines.
- Ability to work independently, arranging travel, appointments and interviews for him/herself.
- Knowledge of environmental conservation or familiarity with United Nations documentation is an advantage.
- Full computer literacy and experience in working with PC-based equipment and using MS-Office (Excel, Words, PowerPoint) database software.

• REQUIRED DOCUMENTS

Interested individuals must submit the following documents /information to demonstrate their qualification, experience and suitability to undertake the assignment.

- **Personal CV or P11**, indicating all past experience from similar projects, as well as the contact details email and telephone number of the Candidate and at least three (3) professional references;
- **Financial Proposal** indicating professional daily rate and availability (starting date)

• CRITERIA FOR SELECTION OF THE BEST OFFER

The criteria which shall serve as basis for evaluating offers as follows;

Combined Scoring method – where the qualifications and methodology will be weighted a maximum of 70%, and combined with the price offer which will be weighted a maximum of 30%

Technical Criteria for Evaluation

Criteria	Weight	Max. Point
Technical	70%	500
Education	30%	150
Experience in research and knowledge of research methodologies in the fields of development agriculture, environmental science or related fields	40%	200
Experience in managing and administering research and project budgets	20%	100
Understanding of environmental conservation and/or familiarity with development projects within United Nations system	10%	50
Financial	30%	100

10) REVIEW TIME REQUIRED

Two weeks after receipt of deliverables.

11) CONSULTANT PRESENCE REQUIRED ON DUTY STATION/UNDP PREMISES

☒ NONE ☐ PARTIAL ☐ INTERMITTENT ☐ FULL TIME

12) PAYMENT TERMS

Lump sum payment shall be made as per below milestones:

- 1st payment upon submission and acceptance of the workplan (30%)
- 2nd payment upon submission and acceptance of the progress report (40%)
- 3rd payment upon submission and acceptance of the final report (30%)