



**WWF** *for a living planet*<sup>®</sup>

## **TERMS OF REFERENCE**

### **Review Aquaculture and Land use planning at provincial level in Vietnam (VN204000: VZ1001, VZ3001, VZ5001)**

#### **I. Background**

Vietnam is actual a major seafood exporter as the sixth largest producer of seafood in the world. The seafood products are sold to more than 163 countries and the revenue continued to increase sharply from US\$ 6 billion in 2011 up to US\$ 7.4 billion 2015. The benefits of expanded aquaculture are the need for labour force, family elimination and poverty alleviation. Aquaculture plays an important role in fisheries development in the country in general and many provinces since 2000.

However, the rapid growth of this sector over the past two decades has led to some challenges such as water pollution, soil erosion, land resources degradation, and threats to the ecosystem. One of the first and main reasons for the environmental degradation and biodiversity loss in Vietnam is caused by poor land use and sector development planning. Planning is an extremely crucial step to ensure the achievement of country economic development, social and biodiversity conservation goals. Planning always implies some kind of prediction and planning for land use is a prediction towards to a moving target influenced by various environmental and social factors which are always changing. The awareness of the government on the need for mainstreaming environmental considerations including natural capital accounting and ecosystem services valuation into development is high but in reality they still do not know how to do that practically and effectively.

In WWF new strategic plan for FY16-20, WWF plans to support the sustainable production of aquaculture and especially improve aquaculture planning practice at the provincial level. WWF plans to provide land use and aquaculture planners in Vietnam the legal framework, capacity, practical guidelines and tools in mainstreaming environmental and social considerations into land use planning and aquaculture planning process.

This assignment is designed to review the current status of aquaculture and land use planning at provincial level in Vietnam, and identify issues and challenges in aquaculture and land use planning and suggest the potential interventions to improve it. The outcome of this assignment will help WWF Vietnam to formulate its strategy to improve land use and aquaculture planning at the provincial level. Some of ten prioritized provinces belongs to Mekong River Delta in the South (Ca Mau, Soc Trang, An Giang), Central Region (Binh Thuan, Quang Nam, Hue, Ha Tinh), Red River Delta in the North (Hai Duong, Thai Binh, Quang Ninh) are chosen for these studies.

This will require collation of available data from different sectors and sources as well as collect updated information from provinces by questionnaires and in consultation with relevant experts in these fields. This term of reference addresses the roles and responsibilities of the consultants who are required to carry out the above-mentioned tasks.



## **II. Specific tasks of the consultant**

### **1. Literature review, data collection and analysis**

- Review existing aquaculture and land use planning guidelines and policies
- Collect all available/relevant data, information and maps on relevant issues.
- Analyse collected data and information to identify issues and challenges in aquaculture development in Vietnam

### **2. Develop policy recommendations for improvement**

### **3. Consultation meetings and workshop**

### **4. Revise and finalize the final reports and recommendations based on the comments and feedbacks**

## **III. Methodologies**

- Literature Review.
- Consultation meeting with stakeholders
- Qualitative and quantitative data collection
- Mappings

## **IV. Deliverable outputs of the activities**

### **Expected outputs:**

- Main report on aquaculture review that covering following points:
  - Review government guidelines/policies regarding to aquaculture planning
  - Current status of aquaculture planning in Vietnam: Challenges and Opportunities, including:
    - Description of all brackish water shrimp farming practice models: species, density, pond areas survival ratios, feeds and fishmeal contents in feeds, fish-oil content in feeds, substances used, exchange waters (if any)....
    - The quantitative data on the areas, species of all brackish water shrimp farming practice models (improved extensive, semi-intensive and intensive).
  - Develop Recommendations on Aquaculture planning (consult with relevant experts on aquaculture and planning)
- Questionnaires
- Review on Land-use planning, how to incorporate future aquaculture plans into existing land use plans
- Supplementary documents (plans, policies, reports)
- Data and information collection



**WWF** for a living planet®

- Maps

### V. Time

The studies should be held from **20<sup>th</sup>April to 30<sup>th</sup> May, 2016** BUT the first draft report must be submitted to WWF by the **15<sup>th</sup>May 2016**; the due date for final report must not be later than **30<sup>th</sup>May 2016**.

### VI. Requirement of the consultants

The consultants are expected to meet the following requirements:

- Own at least Masterdegrees in aquaculture or land use planning
- Over 15 years of working on fisheries, aquaculture and land use planning
- Experience of aquaculture issues in the Mekong Delta
- Have close network in relevant ministries and provinces in Vietnam
- Have a strong knowledge of biodiversity and natural resource management
- Experience and working knowledge of aquaculture planning

### VII. Workplan:

No	Task	Responsible person	Apr – May2016			Expected output
1	Data collection					Set of data collection
2	Questionnaires developed and collected to provinces					Collection of filled questionnaires by province
3	Review on current status of Aquaculture and land use planning					Draft review report
4	Identify issues and challenges in aquaculture planning and solutions for improvement					Draft recommendations
5	Consultation workshop relevant ministries and experts					Draft meeting minutes
6	Finalise review report and recommendations					Final report and recommendations

### VIII. Selection criteria

The following requirements apply to the tender proposals;

The financial and technical proposals should demonstrate the consultancy service's ability to meet the requirements as specified in this tender, including:



**WWF** *for a living planet*

Capacity profile of consultancy service including description of company and/or consultants relevant experience, description of the individuals' experience and competencies of those who will be assigned to work on this service and their related qualifications and skills to undertake the assigned work (with contact details)

Description of proposed approach to the project, including clear description of the work-plan, activities, time frame, and consultants' CVs.

Detailed overview of cost structure and time schedule as the annex 01 and annex 02;

The financial and technical proposals should be in English;

Proposal failing to meet any of the above requirements will not be considered.

### **IX. Proposal required**

Profile, financial and technical proposals (proposed methodology, working plan, activities, timeframe and budget) of consultancy service must be required to be signed and stamped;

Business license of consultancy service must be required (copy examples);

Certifications/degrees of consultant team related to fields as ToR required (copy examples);

### **X. Financial and technical proposal packages in English should be sent to:**

Aquaculture Programme, WWF Vietnam - Cantho office, at 3rd Floor, Center for Services and Technology Transfer Can Tho University, Campus II, Xuan Khanh Ward, NinhKieu Dist., Can Tho City or via email: [thang.phandang@wwf.panda.org](mailto:thang.phandang@wwf.panda.org) no later than the **18th April, 2015**.



**Annex 1. Consultancy quotation form**

Please fill financial proposals of consultancy service (including consultant fees included tax, accommodations, and per-diems) as below:

No.	Description	Unit	Quantity	Total Amount (Gross)
I	Consultant fees			0
II	Per diems & Accommodations (if any)			0
	TOTAL			0

Notes:

- If the travel is needed, the travel costs of the consultant in the field are covered directly by WWF staff or reimburse after the trip.
- The costs for workshops/meetings is actual expenses for taxi or meal, not for perdiem.

**Annex 2. Anticipated time schedule**

No.	Date	Working location	Participants	Remark