

# Request for Proposals

## Team of 2 Consultants for the Development of Roadmap Mitigation and Adaptation of Land Subsidence of Central Java Province

July 2020 – November 2020

### 1. Purpose of this request

The Building with Nature (BwN) Indonesia Programme (in short “the Programme”) by the Ministry of Marine Affairs and Fisheries, the Ministry of Public Works and Housing, Ecoshape Foundation and Wetlands International, is seeking a team of 2 consultants which consists of Main Author and Local Partner-Land Subsidence Expert (Semarang-based) to develop the document of Roadmap Mitigation and Adaptation of Land Subsidence of Central Java Province. The team is requested to provide a proposal based on the boundary conditions set out in this document.

### 2. Background

‘Building with Nature’ means making the services that nature provides an integral part of the design of hydraulic infrastructure, thereby creating benefits for nature and society. It is a no-regret approach: through adaptive management, the infrastructural design can be aligned with changing environmental conditions. By creating conditions for nature to regenerate by itself, projects are often less expensive on a life-cycle basis than traditional engineering solutions. Extra benefits such as biodiversity conservation and livelihood development are created. The Building with Nature Indonesia Programme is implemented through a public private partnership. It connects world class expertise and experience with local and context specific knowledge on engineering, aquaculture, ecosystems, capacity building and governance. Each partner brings in specific knowledge, experience and skills and has a unique role within the project but is committed to the same overarching project goal. Interdisciplinary collaboration among stakeholders is essential for sustainable implementation of Building with Nature solution.

A main project objective is to create enhanced resilience for 70.000 people by enhancing coastal safety and climate resilience, and supporting aquaculture revitalization along a 20km eroding coastline in Demak District, Central Java using Building with Nature techniques. To achieve long term sustainability of the Building with Nature measures in Demak and protect the inhabitants and their livelihoods against rising water levels, subsidence needs to be addressed urgently.

In Indonesia political attention for subsidence has increased, with a National Roadmap on Subsidence initiated by Coordinating Ministry for Maritime in 2018. Also, along the coastline of Demak and Semarang, North Central Java, land subsidence and sea level rise are causing recurring flood events and massive coastal erosion. This is severely hampering economic development due to blocked transportation routes, loss of land for agriculture and aquaculture and costs for continuous repairs of public and private infrastructure and assets. From the perspective of the Building with Nature project, a threshold may have been reached where coastal restoration and aquaculture revitalization measures in Demak may no longer be feasible at the landscape scale unless subsidence is halted. Note that most traditional infrastructural measures will also not be able to cope with such high subsidence levels, while Building with Nature measures will still enhance the resilience of the coastal communities and ecosystem in the shorter term and at a smaller scale, thus softening and delaying the impact of hazards. Hence, the Building with Nature Indonesia project activities continue generally as planned but with additional emphasis on awareness raising and preparedness through so-called ‘Water Dialogues’. The specific objective of the Water Dialogues is to: “Address subsidence in the north coast of Central Java by 2030 through formulation of a roadmap with all actors in the wider watershed”.

See for more information: [www.indonesia.buildingwithnature.nl](http://www.indonesia.buildingwithnature.nl) and Wetlands International (2019) Water Dialogues to address soil subsidence in Semarang and Demak District, Indonesia.

### 3. Requested advisory services and deliverables

We currently seek a team of Main Author and Local Partner-Land Subsidence Expert to develop the document of Roadmap Mitigation and Adaptation of Land Subsidence of Central Java Province. Main Author is required as lead writer, and will supported by Local Partner-Land Subsidence Expert. The tasks of the team are:

- 1) Gathering related information at the national level as material for preparing the Roadmap Mitigation and Adaptation of Land Subsidence in Central Java Province, including from BwN consortium partners like Deltares and Witteveen Bos;
- 2) Gathering information at the Provincial and City/District level as material for preparing the Roadmap Mitigation and Adaptation of Land Subsidence in Central Java Province;
- 3) Develop an outline and integrating the draft Roadmap Mitigation and Adaptation of Land Subsidence of Central Java Province, with refer to the National Land Subsidence Road Map;
- 4) Conduct interviews/FGDs with local stakeholders in order to develop the draft Roadmap Mitigation and Adaptation of Land Subsidence of Central Java Province, with the support from Water Dialogue team;
- 5) Carry out the process and facilitate the establishment of Provincial Working Group/POKJA including the series of meetings/FGDs needed, with the support from the Water Dialogue team;
- 6) Presenting the draft document at the Working Group meeting, to get input from participants;
- 7) Participating on the Water Dialogue meetings and discussions to get input on the document;
- 8) Develop and finalize the roadmap document (lead by Main Author), based on the input during various meetings and discussions. The final document must be approved by the BwN consortium;
- 9) Ensuring that the development of the provincial level roadmap document is aligned with the national roadmap document;
- 10) Dissemination of Final Documents Roadmap of Mitigation and Adaptation of Land Subsidence of Central Java during the Water Dialogue event.

The team is expected to elaborate on the mode of operation and deliverables in the requested proposal. We expect that the team will use a combination of desk studies and stakeholder meetings (bi-lateral or in focus groups), with regular consultation meetings with BwN team in Indonesia and the Netherlands. The Main Author and the Local Partner-Land Subsidence Expert must in collaboration work as a team so as to produce a comprehensive document and align between policies at the national and provincial levels.

Considering the current situation of the Covid-19 pandemic in the world and also in Indonesia, the team were also asked to consider this in their work planning and time management, which included arranging the stakeholder meetings/interview, conducting focus group discussion, and development the roadmap documents until the final document launch.

### 4. Timeline

The assignment is expected to take place in the timeframe from Q3 2020 until Q4 2020 with the following suggested planning:

Activities	Q3 2020			Q4 2020	
	July	Aug	Sept	Oct	Nov
1. Interview with national government					
2. Interview with provincial government					
3. Interview with city/district government					
4. Interview with other relevant stakeholders					
5. Development a roadmap outline					
6. FGD for establishment of POKJA					
7. Presentation of roadmap outline					
8. Drafting a roadmap document					
9. Presentation of roadmap document					

10. Adjustment and finalization					
11. Approval from BwN consortium					
12. Launching of final roadmap document					

A more detailed planning will need to be included in the requested proposal, with clear steps to be taken.

## 5. Budget

The team will need to provide a detailed budget breakdown that relates costs to proposed activities and deliverables. The budget needs to be including VAT, overhead and direct costs (travel, materials).

## 6. Proposal Format and Selection Criteria

The team is requested to submit a proposal in writing. The Proposal should not be longer than 5 pages. In summary, the proposal needs to minimally include:

- A description of the team view with regard to development of the document of Roadmap Mitigation and Adaptation of Land Subsidence of Central Java Province.
- A more detailed description of the mode of operation and deliverables
- A detailed budget and planning
- A description of the qualification of the Main Author and Local Partner-Land Subsidence Expert including their CV's.

In the selection of the team we will pay specific attention to the following:

- The likeliness that the proposed mode of operation will deliver satisfying deliverables
- The track record and network of the Main Author and Local Partner-Land Subsidence Expert, and the likeliness that the team will have access to the relevant stakeholders.
- The extent to which the proposal shows a clear understanding of a) the Building with Nature approach, b) roadmap development and c) subsidence
- The efficient and optimal use of available budget and time.

## 7. Submission timeline and contact details

The timeline for the submission and selection procedure is as follows:

What	When
Submission proposal	: 10 July 2020
Review proposal	: 14 July 2020
Proposal pitch	: 15 July 2020
Selection the consultants	: 17 July 2020

Principle point of contact for this Request of Proposal is Apri Susanto Astra, Project Coordinator of Building with Nature Indonesia, Yayasan Lahan Basah (YLBA)/Wetlands International Indonesia.

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