

## **Request for Proposals**

**Title: Multi-Dimensional Impact Analysis of Land-Use Change Scenarios in Konda Peninsula**

**RFP No: 021/VII/2/2026**

**Date of Issuance: 2 July 2026**

### **1. Background**

Konservasi Indonesia (KI) is seeking a qualified consultant or consulting team to undertake a multi-dimensional impact analysis of potential land-use change scenarios in the Konda Peninsula, South Sorong Regency, Southwest Papua.

The Konda Peninsula (approximately 42,000 hectares) is an ecologically significant landscape containing peat swamp forests, mangrove ecosystems, important biodiversity values, and areas of cultural significance for Indigenous communities. KI requires an independent scientific assessment to evaluate the ecological, biological, social, economic, and climate-related consequences of potential land-use change scenarios and provide evidence-based recommendations for future management of the area.

### **2. Project Overview**

The consultant will conduct a comprehensive impact assessment covering four key analytical domains:

- Ecological and hydrological impacts, including peatland desiccation, fire risk, and sedimentation impacts on coastal ecosystems;
- Biological impacts, including biodiversity significance and threats under land-use change scenarios;
- Social and economic impacts on Indigenous communities, including food security, water resources, cultural heritage, and livelihoods;
- Climate impacts, including carbon stock estimation and potential greenhouse gas emissions resulting from land-use change scenarios.

The assignment period is anticipated to be from July to September 2026.

### **3. Terms of Reference, Deliverables and Deliverables Schedule (See Attachment 2 for details scope of work)**

<b>Deliverable</b>	<b>Description</b>	<b>Due Date</b>
Inception Report	Refined methodology, data inventory, work plan, and schedule	1 week after contract signing
Integrated Draft Impact Assessment	Draft report covering all analytical domains	5 weeks after contract signing

<b>Deliverable</b>	<b>Description</b>	<b>Due Date</b>
Final Impact Assessment Report	Final report in English and Bahasa Indonesia incorporating comments and recommendations, including all supporting datasets and GIS files	7 weeks after contract signing

#### **4. Submission Details**

- a. **Deadline.** Proposals must be received no later than **10 July 2026 – 17:00 WIB**. Late submissions will not be accepted. Proposals must be submitted via email to [procurementKI@konservasi-id.org](mailto:procurementKI@konservasi-id.org); All proposals are to be submitted following the guidelines listed in this RFP.
- b. **Validity of bid.** 120 days from the submission deadline
- c. **Clarifications.** Questions may be submitted to [procurementKI@konservasi-id.org](mailto:procurementKI@konservasi-id.org) by the specified date and time in the timeline below. The subject of the email must contain the RFP number and title of the RFP. KI will respond in writing to submitted clarifications by the date specified in the timeline below. Responses to questions that may be of common interest to all bidders will be posted to the KI website and/or communicated via email.
- d. **Amendments.** At any time prior to the deadline for submission of proposals, KI may, for any reason, modify the RFP documents by amendment which will be posted to the KI website and/or communicated via email.

#### **5. Minimum Requirements**

Interested consultants or consulting firms must demonstrate the following qualifications:

- Advanced degrees in ecology, environmental science, forestry, geography, social science, or a related discipline.
- Demonstrated experience in tropical peatland hydrology and/or forest ecology.
- Proven experience applying spatial modelling and GIS for environmental impact analysis in Indonesia.
- Demonstrated experience conducting biodiversity assessments.
- Experience conducting social and economic valuation of ecosystem services.
- Experience working with Indigenous Peoples and forest-dependent communities.
- Familiarity with Indonesian land tenure and forestry law.

#### **6. Proposal Documents to Include**

- a. Signed cover page on bidder's letterhead with the bidder's contact information.
- b. Signed Representation of Transparency, Integrity, Environmental and Social Responsibility (Attachment 1)



- c. Combined Technical and Financial Proposal. To ensure efficiency of the procurement process, **technical and financial proposals shall be submitted as one integrated proposal document**. The combined proposal must be **concise and not exceed five (5) pages**, excluding appendices.
1. Understanding of the Assignment
    - Understanding of the project context.
    - Key challenges and objectives.
    - Proposed Methodology
  2. Proposed Methodology
    - Biological impact analysis approach.
    - Ecological impact analysis approach.
    - Social impact analysis approach.
    - Climate impact analysis approach.
    - Proposed data sources, modelling approaches, and analytical methods.
  3. Work Plan
    - Implementation schedule.
    - Timeline aligned with the required deliverables.

**Financial Component** (see [Attachment 3 for cost proposal template](#))

1. Budget Proposal
  - Total proposed cost in IDR.
  - Breakdown of personnel costs, travel costs, data acquisition costs, and overheads.
  - Level of effort justification.

**Appendices (Excluded from the 5-Page Limit)**

- CV(s) of consultant(s) and key personnel.
- Team structure and roles (if applicable).
- At least two relevant examples of comparable assignments completed in the past.

- 7. Evaluation Criteria** In evaluating proposals, KI will seek the best value for money considering the merits of the technical and cost proposals. Proposals will be evaluated using the following criteria:

<b>Evaluation Criteria</b>	<b>Score (out of 100)</b>
<a href="#">Relevance and depth of technical expertise across the four analytical domains</a>	<a href="#">30%/ Max points</a>



Quality and feasibility of proposed methodology	25%/ Max points
Understanding of Papua or comparable Indonesian contexts, including Indigenous community engagement	20%/ Max points
Quality of prior comparable work samples?	15%/ Max points
Cost: Costs proposed are reasonable and realistic, reflect a solid understanding of the assignment. Value for money	10%/ Max points

## 8. Proposal Timeline

RFP Issued	02 July 2026
Clarifications submitted to KI	06 July 2026
Clarifications provided to known bidders	07 July 2026
Complete proposals due to KI	10 July 2026
Final selection	20 July 2026

- 9. Resulting Award** KI anticipates entering into an agreement with the selected bidder by **27 July 2026**. Any resulting agreement will be subject to the terms and conditions of KI's Services Agreement. A model form of agreement can be provided upon request.

This RFP does not obligate KI to execute a contract, nor does it commit KI to pay any costs incurred in the preparation or submission of the proposals. Furthermore, KI reserves the right to reject any and all offers, if such action is considered to be in the best interest of KI. KI will, in its sole discretion, select the winning proposal and is not obligated to share individual evaluation results.

- 10. Confidentiality** All proprietary information provided by the bidder shall be treated as confidential and will not be shared with potential or actual applicants during the solicitation process. This includes but is not limited to price quotations, cost proposals and technical proposals. KI may, but is not obliged to, post procurement awards on its public website after the solicitation process has concluded, and the contract has been awarded. KI's evaluation results are confidential and applicant scoring will not be shared among bidders.
- 11. Code of Ethics** All Offerors are expected to exercise the highest standards of conduct in preparing, submitting and if selected, eventually carrying out the specified work in accordance with KI's Code of Ethics [for GCF-funded projects only, add: "and the Green Climate Fund's Policy on Prohibited Practices"]. Konservasi Indonesia's reputation derives from our commitment to our values: Integrity, Respect, Courage, Optimism, Passion and Teamwork. KI's Code of Ethics (the "Code") provides guidance to KI employees, service providers, experts, interns, and volunteers in living KI's core values, and outlines minimum standards for ethical conduct which all parties must adhere to. Any violation of the Code of

Ethics, as well as concerns regarding the integrity of the procurement process and documents should be reported to KI via its Ethics Hotline at [www.ci.ethicspoint.com](http://www.ci.ethicspoint.com).

**12. Attachments:**

Attachment 1: Representation of Transparency, Integrity, Environmental and Social Responsibility

Attachment 2: Terms of Reference

Attachment 3: Cost Proposal Template

**Attachment 1: Representation of Transparency, Integrity, Environmental and Social Responsibility**

**RFP No: 021/VII/2/2026**

UEI Number (if applicable):

All Offerors are expected to exercise the highest standards of conduct in preparing, submitting and if selected, eventually carrying out the specified work in accordance with KI's Code of Ethics. KI's Code of Ethics provides guidance to KI employees, service providers, experts, interns, and volunteers in living KI's core values, and outlines minimum standards for ethical conduct which all parties must adhere to. Any violations of the Code of Ethics should be reported to KI via its Ethics Hotline at [www.ci.ethicspoint.com](http://www.ci.ethicspoint.com).

KI relies on the personal integrity, good judgment and common sense of all third parties acting on behalf, or providing services to the organization, to deal with issues not expressly addressed by the Code or as noted below.

**I. With respect to KI's Code of Ethics, we certify:**

- a. We understand and accept that KI, its contractual partners, grantees and other parties with whom we work are expected to commit to the highest standards of Transparency, Fairness, and Integrity in procurement.

**II. With respect to social and environmental standards, we certify:**

- a. We are committed to high standards of ethics and integrity and compliance with all applicable laws across our operations, including prohibition of actions that facilitate trafficking in persons, child labor, forced labor, sexual abuse, exploitation or harassment. We respect internationally proclaimed human rights and take no action that contributes to the infringement of human rights. We protect those who are most vulnerable to infringements of their rights and the ecosystems that sustain them.
- b. We fully respect and enforce the environmental and social standards recognized by the international community, including the fundamental conventions of International Labour Organization (ILO) and international conventions for the protection of the environment, in line with the laws and regulations applicable to the country where the contract is to be performed.

**III. With respect to our eligibility and professional conduct, we certify:**

- a. We are not and none of our affiliates [members, employees, contractors, subcontractors, and consultants] are in a state of bankruptcy, liquidation, legal settlement, termination of activity, or guilty of grave professional misconduct as



determined by a regulatory body responsible for licensing and/or regulating the offeror's business

- b.** We have not and will not engage in criminal or fraudulent acts. By a final judgment, we were not convicted in the last five years for offenses such as fraud or corruption, money laundering or professional misconduct.
- c.** We are/were not involved in writing or recommending the terms of reference for this solicitation document.
- d.** We have not engaged in any collusion or price fixing with other offerors.
- e.** We have not made promises, offers, or grants, directly or indirectly to any KI employees involved in this procurement, or to any government official in relation to the contract to be performed, with the intention of unduly influencing a decision or receiving an improper advantage.
- f.** We have taken no action nor will we take any action to limit or restrict access of other companies, organizations or individuals to participate in the competitive bidding process launched by KI.
- g.** We have fulfilled our obligations relating to the payment of social security contributions or taxes in accordance with the legal provisions of the country where the contract is to be performed.
- h.** We have not provided, and will take all reasonable steps to ensure that we do not and will not knowingly provide, material support or resources to any individual or entity that commits, attempts to commit, advocates, facilitates, or participates in terrorist acts, or has committed, attempted to commit, facilitate, or participated in terrorist acts, and we are compliant with all applicable Counter-Terrorist Financing and Anti-Money Laundering laws (including USA Patriot Act and U.S. Executive Order 13224).
- i.** We certify that neither we nor our directors, officers, key employees or beneficial owners are included in any list of financial or economic sanctions, debarment or suspension adopted by the United States, United Nations, the European Union, the World Bank, or General Services Administration's List of Parties Excluded from Federal Procurement or Non-procurement programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension".

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## **Attachment 2: Terms of Reference**

### **MULTI-DIMENSIONAL IMPACT ANALYSIS OF LAND-USE CHANGE SCENARIOS IN KONDA PENINSULA**

#### **1. BACKGROUND**

The Konda Peninsula ( $\pm 42,000$  ha) in Papua Barat Daya, is an ecologically significant landscapes and a territory of enduring importance to local indigenous communities. Its periphery is dominated by mangroves and peat swamp forests that provide coastal protection, wildlife and fisheries habitat, and carbon sequestration. The Indonesian Ministry of Forestry is in the process of designating these areas of  $\pm 19,000$  ha as *Hutan Adat* (customary forest), affirming indigenous rights over ancestral territory.

The interior part of the peninsula however, has a complex legal history and contested future management. Ecologically, it is inseparable from the peripheral yet critical ecosystems. Its hydrology, sediment dynamics, and biodiversity are intimately connected to peripheral peat and the coastal blue carbon systems. Socially the area hosts sacred and historical sites, hunting grounds, and sago forests central to the indigenous community identity and food security.

Whatever trajectory prevails, any decision must be grounded in science, with nature and indigenous well-being at its centre. This ToR calls for a consultant to produce a rigorous, multi-dimensional impact analysis characterizing the peninsula's ecological, biological, social, and climate values, and modelling the consequences of significant land-use change to serve as an independent scientific foundation for all stakeholders.

#### **2. OBJECTIVES**

This assignment models land-use change scenarios for the interior of Konda peninsula, drawing on comparable lowland ecosystems in Papua Barat Daya as reference, and analyses the consequences across four domains.

1. Ecological and hydrological impact, including peatland desiccation and downstream sedimentation to coastal blue carbon ecosystems.
2. Biological impact, including species-level assessment of biodiversity loss.
3. Social and economic impact on indigenous communities, including food security, water access, and cultural heritage.
4. Carbon impact, quantifying carbon stocks in the interior area and the dependent peripheral ecosystems and estimating potential emissions under land-use change scenarios.

Building on from the analysis, this consultancy should then develop robust recommendation for the management of interior area of Konda peninsula, for regulatory, legal, and advocacy use.

#### **3. SCOPE OF WORK**

##### **a. Ecological Impact Analysis**



### **1. Peatland Desiccation and Fire Risk**

- Delineate peat extent, depth class, and hydrological connectivity across the interior area using available remote sensing, and secondary data.
- Model changes in the water table under land clearance and drainage scenarios, applying established hydrological frameworks validated for tropical peatlands.
- Estimate the spatial extent of peat desiccation risk and the resultant increase in fire probability.

### **2. Sedimentation to Blue Carbon Ecosystems**

- Model sediment generation and transport from the interior under conversion scenarios, using a suitable erosion and routing framework (e.g. RUSLE combined with a sediment delivery model, or comparable approach).
- Estimate sediment loads reaching estuarine and mangrove zones and characterize likely consequences including mangrove dieback and fisheries decline.

### **b. Biological Impact Analysis**

KI holds several primary biodiversity surveys and secondary data for the peninsula, which will be provided to the consultant. The role here is to compile, verify, and synthesize this into a coherent biodiversity profile, supplemented by published literature and IUCN Red List records as needed. Produce narrative on the area's biodiversity significance, and elaborate threats to populations under land-use change scenarios.

### **c. Social Impact Analysis**

The community holds participatory mapping data on indigenous land use, food and water sources, and cultural sites. The consultant's role is to compile, refine, and analyse this existing material. The social analysis covers three areas:

- Food source valuation: drawing on the organization's participatory mapping data, estimate the annual economic value of food resources derived from the interior forest in Indonesian Rupiah (IDR), disaggregated by food group: carbohydrates (including sago), proteins (game, freshwater fish, and invertebrates), fruits and vegetables.
- Water source assessment: using available spatial and community data, estimate current annual freshwater provisioning from the interior in millions of cubic metres per year, and characterize the risks to water availability and quality under significant land-use change scenarios.
- Cultural heritage and identity: compile and refine the participatory mapping data on culturally significant sites. Provide a qualitative assessment of how land-use change would affect these sites and the broader cultural identity, food sovereignty, and livelihoods of indigenous communities.

### **d. Climate Impact Analysis**

The consultant will need to run a remote sensing-based carbon stock assessment covering the interior forest area and peripheral blue carbon ecosystems. No field sampling is required.



- Estimate above-ground biomass carbon stocks across the peninsula using available remote sensing products (e.g. Sentinel-derived canopy height models), supplemented by published pantropical allometric references.
- Estimate below-ground peat carbon stocks using available peat extent and depth data (e.g. Global Peatland Database, national peat maps) combined with standard tropical peat carbon density values from the literature.
- Estimate potential emissions from land-use change scenarios, express estimates in tCO<sub>2</sub>e with uncertainty ranges, contextualizing the findings within Indonesia's climate commitments and relevant REDD+ frameworks.

#### **4. DELIVERABLES AND DELIVERABLES SCHEDULE**

	<b>Deliverable</b>	<b>Description</b>	<b>Due Time</b>
1.	Inception Report	Refined methodology, data inventory, work plan, and schedule. To be reviewed and approved before substantive analysis commences.	1 week after contract signing.
2.	Integrated Draft Impact Assessment	Full draft of integrated report combining all four analytical domains.	5 weeks after contract signing.
3.	Final Impact Assessment Report	Revised final report incorporating review comments, in English and Bahasa Indonesia, incorporating recommendation for the management of interior area of Konda peninsula, for regulatory, legal, and advocacy use.  Submission of all underlying datasets, GIS layers, and analysis scripts.	7 weeks after contract signing.

#### **5. REQUIRED EXPERTISE AND QUALIFICATIONS**

- a. Advanced degree in a relevant discipline (e.g. ecology, environmental science, forestry, geography, social science, or related field).
- b. Demonstrated experience in tropical peatland hydrology and/or general forest ecology.
- c. Experience applying spatial modelling and GIS to environmental impact analysis in Indonesia.
- d. Demonstrated experience in biodiversity assessment.
- e. Experience conducting social and economic valuation of ecosystem services, including work with indigenous or forest-dependent communities.

- f. Familiarity with Indonesian land tenure and forestry law.

## 6. PROPOSAL REQUIREMENTS

Proposals can be either in Bahasa Indonesia or English. The proposal should be concise and contain technical and financial components that in total should not exceed 5 pages (not including appendix).

### a. Technical Proposal

1. Cover letter confirming the consultant’s interest, availability, and absence of conflict of interest.
2. Understanding of the assignment: a concise narrative on context, challenges, and objectives.
3. Proposed methodology for each analytical domain, including data sources and modelling approaches.
4. Work plan with a timeline referenced against the deliverables in Section 4.

### b. Financial Proposal

1. Detailed budget in IDR, broken down by personnel, travel, data acquisition, and overheads.
2. A brief narrative justifying the level of effort, and preferred payment terms.
3. Payment terms preferred by the consultant.

### c. Appendix

1. CV, or if a group, team composition and CVs of key personnel, including roles and qualifications.
2. At least two examples of comparable prior work (reports, publications, or accessible outputs).

## 7. EVALUATION CRITERIA

Criterion	Weight	Max Score
Relevance and depth of technical expertise across all four analytical domains.	30%	30
Quality and feasibility of proposed methodology.	25%	25
Understanding of Papua or comparable Indonesian contexts, including indigenous community engagement.	20%	20
Quality of prior comparable work samples.	15%	15
Value for money (financial proposal — evaluated after technical shortlisting).	10%	10

### Attachment 3: Cost Proposal Template

The cost proposal must be all-inclusive of profit, fees or taxes. Additional costs cannot be included after award, and revisions to proposed costs may not be made after submission unless expressly requested by CI should the offerors proposal be accepted. Nevertheless, for the purpose of the proposal, Offerors must provide a detailed budget showing major expense line items. Offers must show unit prices, quantities, and total price. All items, services, etc. must be clearly labeled and included in the total offered price. All cost information must be expressed in [IDR].

If selected, Offeror shall use its best efforts to minimize the financing of any taxes on goods and services, or the importation, manufacture, procurement or supply thereof. If Offeror is eligible to apply for refunds on taxes paid, Offeror shall do so. Any tax savings should be reflected in the total cost.

#### Cost Breakdown by Deliverable

<b>Deliverable</b>	<b>Price (Lump Sum, All Inclusive)</b>
Insert deliverable 1 from Section 3 or attached TOR	
Insert deliverable 2 from Section 3 or attached TOR	
Insert deliverable 3 from Section 3 or attached TOR	
Insert deliverable 4 from Section 3 or attached TOR	
Insert deliverable 5 from Section 3 or attached TOR	

#### Cost Breakdown by Cost Component (example only)

<b>Description</b>	<b>Unit of measure (day, month etc)</b>	<b>Total period of engagement</b>	<b>Unit cost/rate</b>	<b>Total Cost for the Period</b>
Consultant 1				
Consultant 2				
Sub-total Personnel				
Travel Costs (if applicable)				
Other related Costs (please specify)				
<b>Total Cost of Financial Proposal</b>				



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