

# Terms of reference



Empowered lives.  
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## GENERAL INFORMATION

Title: **Climate Change and Sustainable Energy Advocacy**

Project Name: **MTRE3**

Reports to: **Head of Environment Unit, UNDP.**

Duty Station: **Jakarta**

Expected Places of Travel (if applicable): **Riau, Jambi, Aceh, West Sulawesi, NTT and NTB**

Duration of Assignment: **100 working days within 5 months (Sep 2017 to Jan 2018)**

## REQUIRED DOCUMENT FROM HIRING UNIT

✓	TERMS OF REFERENCE
(4)	CONFIRMATION OF CATEGORY OF LOCAL CONSULTANT , please select : (1) Junior Consultant (2) Support Consultant (3) Support Specialist <b>(4) Senior Specialist</b> (5) Expert/ Advisor
✓	APPROVED e-requisition

## REQUIRED DOCUMENTATION FROM CONSULTANT

✓	CV
✓	Copy of education certificate
✓	Completed financial proposal
✓	Completed technical proposal

### Need for presence of IC consultant in office:

☐ partial (for discussion and consultation)

☐ intermittent (explain)

☒ full time/office based (to ensure smooth coordination and field work support to the project team)

### Provision of Support Services:

Office space: ☒ Yes ☐ No

Equipment (laptop etc): ☐ Yes ☒ No

Secretarial Services ☐ Yes ☒ No

If yes has been checked, indicate here who will be responsible for providing the support services: MTRE3 Project

Signature of the Budget Owner: Lu'lu Muhammad

## I. BACKGROUND

Indonesia's primary energy supply mix is dominated by fossil fuels, particularly crude oil (47%), followed by coal (27%), natural gas (21%) and less than 5% from renewable resources such as hydropower (2.5%) and geothermal (1%) and biofuel (0.19%). The country has abundant renewable energy resources potential i.e. 29 GW geothermal, 75 GW hydropower, 50 GW bioenergy, 49 GW ocean power, solar insolation of 4.8 kWh/m<sup>2</sup>/day and wind speed 3-6 m/s. Indonesia is facing long-term challenges to its energy security system. Diversification of primary energy sources is therefore important. Based on the final draft (2015) of Indonesia's First Biennial Update Report (BUR) to UNFCCC, energy sector emits about 512 million tCO<sub>2</sub>eq or 32.2% of Indonesia's total GHGs emission. There is urgency in reducing level of emission in energy sector by involving all stakeholders. The Government of Indonesia responds to the issue by enacting notable regulations including Presidential Regulation No. 02/2015 on the Medium-term National Development Plan (RPJMN) 2015-2019 that targets to have 10% to 16% RE contribution in primary energy mix by 2019; 7.5 GW installed capacity of RE; energy saving of 12.7% from BAU 2014 as well as commit voluntarily in 2019 to reduce GHG emissions by 26% of Business as Usual emission trajectory of 2020 through national efforts or by 41% with international assistance. The guideline for implementation is govern by Presidential Decree No. 61/2011 on National Action Plan to reduce greenhouse gas emissions (RAN-GRK) and the Local Action Plan to reduce GHG emissions (RAD-GRK). The listed mitigation actions in the RAN-GRK and RAD-GRK are therefore considered as indicative Indonesia's Nationally Appropriate Mitigation Actions (NAMAs).

In the context of the above, UNDP's Environment Unit portfolio on climate change has expanded to cover wider issues under Sustainable Development, such as Clean Energy, Low Emission Capacity Building and Climate Finance. UNDP has several on-going projects on these fronts that have resulted valuable studies, planning and budgeting tools, policy advocacy concept note, etc. Also, some new initiatives have been discussed with government counterparts and donor, including Sustainable Energy For All (SE4ALL), GEF-proposal on Market Transformation, Energy Efficiency in Lighting (ADLIGHT), Green Climate Fund and International Climate Initiative proposal developments. It is critical that those project results and new initiatives to be advocated to stakeholder target and pushed forward for its implementation timely. For this purpose, an Advocacy Expert will be recruited to assist Environment Unit in materializing the policy advocacy packages and new initiatives as well as programme management related to Climate Change and Sustainable energy issues.

## II. SCOPE OF WORK, ACTIVITIES AND DELIVERABLES

Under the supervision of the Head of Environment Unit, the consultant will be responsible in:

1. The formulation of concept, inputs, and advise to support the implementation of the design, development and preparation activities on Climate Change and Sustainable Energy issues;
2. Facilitation of the consultation workshop, and the proceedings report related to Climate Change and Sustainable Energy concept;
3. Carry out detailed analysis of Sustainable Energy in the context of Indonesia target on Renewable Energy as well as GHG issues;
4. To contribute Climate Change and Sustainable Energy issues to the preparation of the any material required by UNDP Country Office;
5. To discuss with private partners as well as government counterparts (Ministry of Finance, Bappenas, Ministry of Energy, and other related entities) on policy recommendations and new initiatives.
6. Ensures implementation of programme strategies under Climate Change and Sustainable Energy issues.

Expected Deliverables	Indicative due date and Payment	Reviewed and Required Approval
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The availability of Project Concept on Climate Change Financing proposed to GCF.	30 working days 30%	Head of Environment Unit
Advice provided for Climate Change and Sustainable Energy in producing concept and policy recommendations knowledge product. (report submitted)	35 working days 35%	Head of Environment Unit
Advice provided to the implementation of programme related to Climate Change and Sustainable Energy under the Environment Unit (report submitted)	35 working days 35%	Head of Environment Unit

### III. WORKING ARRANGEMENTS

#### Institutional Arrangement

Under the supervision of the Head of Environment Unit, UNDP Indonesia, the Consultant must ensure the completion of the above deliverables through high quality advocacy, consultations, coordination with various parties internally and externally. The Consultant is also expected to interact with the Ministry of Energy and Mineral Resources, National Planning Agency, and other relevant institutions, (e.g., other agencies, project co-implementers, donors, communities, local government units, etc.)

#### Duration of the Work

The assignment will be delivered within 5 (five) months equal to 100 days. The payment will be made to the consultant at each payment schedule, upon technical clearance from Head of Environment Unit UNDP-CO Indonesia. Travel costs occurred to support the above assignment will be arranged by UNDP or can be reimbursed upon advance approval of Environment Unit UNDP-CO Indonesia

#### Duty Station

The duty station/location for the consultant is UNDP CO, with possible mission to related locations.

#### Travel Plan

Below is an indicative travel plan for the duration of the assignment. The Consultant will be required to travel to the below indicated destinations and include the relevant costs into the proposal. There may be also unforeseen travel that will come up during the execution of the contract which will be agreed on ad-hoc basis.

No	Destination	Frequency	Duration/days
1	Riau, Jambi, Aceh, West Sulawesi, NTT and NTB	One time visit for respective place during the whole assignment	12 overnight stays in total

### IV. REQUIREMENTS FOR EXPERIENCE AND QUALIFICATIONS

#### Academic Qualifications

- Master degree in engineering, management, built environment, environmental science or other related field.

#### Years of experience

- A minimum of 2 (two) years experiences in any type of sustainable energy projects;
- Experience in development of project concept in climate change, renewable energy or energy efficiency;
- Wide working experience in the field of sustainable development. Substantive experience in developing proposal and/or project document for major donors' funded project;
- Experience in analysing the available policies on climate change, renewable energy and energy efficiency in Indonesia;
- Good knowledge on capacity needs assessment methodology;

## V. EVALUATION METHOD AND CRITERIA