



REQUEST FOR PROPOSAL (RFP)

NAME & ADDRESS OF FIRM	DATE: September 5, 2019
	REFERENCE: RFP/UNDP/EU-PAGE/79032/022/2019 Benchmarking for Dynamic System Model Based on the General National Energy Plan (RUEN)

Dear Sir / Madam:

The United Nations Development Programme (UNDP) hereby invites you to submit a Proposal to this Request for Proposal with reference **Benchmarking for Dynamic System Model Based on the General National Energy Plan (RUEN)**.

A **bidder's conference** will be held on:

Date/Time : Thursday, 12th September 2019 starting 1000 hrs (GMT +7)

Place : Nias Meeting room, 7th Floor Menara Thamrin Building, Jl. MH. Thamrin Kav. 3 Jakarta 10250

Detailed Terms of Reference (TOR) as well as other requirements are listed in the RFP available on UNDP ATLAS e-Tendering system (<https://etendering.partneragencies.org>) **Event ID: 4343**

Your offer, comprising of a Technical and Financial Proposal, should be submitted in accordance with the RFP requirements, through the UNDP ATLAS e-Tendering system and by the **deadline indicated in <https://etendering.partneragencies.org>**.

NOTE! The Technical Proposal and Financial Proposal files **MUST BE COMPLETELY SEPARATE** and uploaded separately in the system and clearly named as either "TECHNICAL PROPOSAL" or "FINANCIAL PROPOSAL", as appropriate. Each document shall include the Proposer's name and address.

The file with the "FINANCIAL PROPOSAL" must be encrypted with a password so that it cannot be opened nor viewed until the Technical Proposal has been found to be pass the technical evaluation stage. Once a Technical Proposal has been found to be responsive by passing the technical evaluation stage, UNDP shall request the Proposer to submit the password to open the Financial Proposal.

The Proposer shall assume the responsibility for not encrypting the Financial Proposal. **NOTE: DO NOT ENTER BID AMOUNT IN THE SYSTEM, INSTEAD ENTER THE NUMBER 1.**

In the course of preparing and submitting your Proposal, it shall remain your responsibility to ensure that it is submitted into the system by the deadline. The system will automatically block and not accept any bid after the deadline. In case of any discrepancies, the deadline indicated in the system shall prevail.

Kindly ensure that supporting documents required are signed and stamped and in the .pdf format, and free from any virus or corrupted files and the **FINANCIAL PROPOSAL IS PASSWORD PROTECTED.**

NOTE: The file name should contain only Latin characters (No Cyrillic or other alphabets.).

You are kindly requested to indicate whether your company intends to submit a Proposal by clicking **"Accept Invitation"** but not later than **12th September 2019**. If this is not the case, UNDP would appreciate indicating your reason, for our records.

If you have not registered in the system before, you can register by logging in using:

Username: event.guest

Password: why2change

The step by step instructions for registration of bidders and quotation submission through the UNDP ATLAS e-Tendering system is available in the attached "Instructions Manual for the Bidders". Should you require any training on the UNDP ATLAS e-Tendering system or face any difficulties when registering your company or submitting your quotation, please send an email to agneta.silvia@undp.org and yusef.millah@undp.org.

Please note that ATLAS has following minimum requirements for password:

1. Minimum length of 8 characters;
2. At least one capital letter; and
3. At least one number.

New proposer registering for the first time, the system will not accept any password that does not meet the above requirement, and thus registration cannot be completed.

For existing vendor whose current password does not meet the abovementioned password requirements, the system will prompt you to change your password upon signing in. Please change your password in accordance with the abovementioned password requirements to be able to login to the system.

The user guide and video are available to you in the UNDP public website in this link: <http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement:notices/resources/>. You can also access the instruction from youtube with link: <https://www.youtube.com/watch?v=Trv1FX6reu8&feature=youtu.be>.

You are advised to use Internet Explorer (Version 10 or above) to avoid any incompatibility issues with the re-tendering system.

No hard copy or email submissions will be accepted by UNDP.

UNDP looks forward to receiving your Proposal and appreciate your interest to participate in UNDP procurement opportunities.

Sincerely yours,



Martin Stephanus Kurnia
Procurement Analyst
9/5/2019

Description of Requirements

Context of the Requirement	PAGE- Benchmarking for Dynamic System Model Based on the General National Energy Plan (RUEN)		
Implementing Partner of UNDP	The Ministry of Energy and Mineral Resources (Planning and International Cooperation Bureau)		
Brief Description of the Required Services ¹	The objective of this assignment is to support the ministry of energy and mineral resources to develop a benchmarking of dynamic system based on the general national energy plan into web-based simulation.		
List and Description of Expected Outputs to be Delivered	<p>The key expected output under this assignment is to develop dynamic system model based on the general national energy plan (Rencana Umum Energi Nasional-RUEN) through:</p> <ul style="list-style-type: none"> a. Strategic and Impact Analysis b. Advance Analysis with an Input-Output Model (IO) Model 		
Person to Supervise the Work/Performance of the Service Provider	<ul style="list-style-type: none"> a. Programme Manager on Renewable Energy, Environment Unit, UNDP Indonesia b. Senior Advisor on Renewable Energy, Environment Unit, UNDP Indonesia 		
Frequency of Reporting	<i>Please Refer to Annex 3 – Terms of Reference</i>		
Progress Reporting Requirements	<i>Please Refer to Annex 3 – Terms of Reference</i>		
Location of work	<input checked="" type="checkbox"/> At Contractor's Location and specified in the TOR attached to this RFP		
Expected duration of work	5 (Five) Months		
Target start date	30 November 2019		
Latest completion date	30 April 2020		
Travels Expected	Shall be agreed upon starting, UNDP shall be responsible of any travel out of the agreed duty station		
	Destination/s	Estimated Duration	Brief Description of Purpose of the Travel
	Jakarta	Maximum 2 days/trip	Data Collection to the Ministry of Energy and Mineral Resources
			Target Date/s
			November-December 2019

¹ A detailed TOR may be attached if the information listed in this Annex is not sufficient to fully describe the nature of the work and other details of the requirements.

	Bogor	Maximum 2 days/trip	Focus Group Discussion (FGD) to data collection and policy analysis	December 2019- January 2020
	Bandung	Maximum 3 days/trip	Introduction to IO Model Learning Course to an Input-Output (IO) model	February-April 2020
	Bogor	Series of FGD 3 persons x 2 days x 2 times		
	Bandung	Series of FGD 3 persons x 3 days x 3 times		
	Jakarta	Series of FGD 3 persons x 2 days x 2 times		
Special Security Requirements	<input checked="" type="checkbox"/> Comprehensive Travel Insurance			
Facilities to be Provided by UNDP (i.e., must be excluded from Price Proposal)	<input checked="" type="checkbox"/> Liaise with the relevant stakeholders			
Implementation Schedule indicating breakdown and timing of activities/sub-activities	<input checked="" type="checkbox"/> Required			
Names and curriculum vitae of individuals who will be involved in completing the services	<input checked="" type="checkbox"/> Required			
Currency of Proposal	<input checked="" type="checkbox"/> United States Dollars for International Bidders <input checked="" type="checkbox"/> Local Currency for Local Bidders			

Value Added Tax on Price Proposal ²	<input checked="" type="checkbox"/> must be exclusive of VAT and other applicable indirect taxes
Validity Period of Proposals (Counting for the last day of submission of quotes)	<input checked="" type="checkbox"/> 90 days In exceptional circumstances, UNDP may request the Proposer to extend the validity of the Proposal beyond what has been initially indicated in this RFP. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Proposal.
Partial Quotes	<input checked="" type="checkbox"/> Not permitted
Payment Terms ³	<i>Please Refer to Annex 3 – Terms of Reference</i>
Person(s) to review/inspect/ approve outputs/complete d services and authorize the disbursement of payment	a. Programme Manager on Renewable Energy, Environment Unit, UNDP Indonesia b. Senior Advisor on Renewable Energy, Environment Unit, UNDP Indonesia
Type of Contract to be Signed	<input checked="" type="checkbox"/> professional service contract
Criteria for Contract Award	<input type="checkbox"/> Lowest Price Quote among technically responsive offers <input checked="" type="checkbox"/> Highest Combined Score (based on the 70% technical offer and 30% price weight distribution) NOTE: only bidder(s) who received minimum of 70 points where the financial proposal will be opened <input checked="" type="checkbox"/> Full acceptance of the UNDP Contract General Terms and Conditions (GTC). This is a mandatory criterion and cannot be deleted regardless of the nature of services required. Non-acceptance of the GTC may be grounds for the rejection of the Proposal.
Criteria for the Assessment of Proposal	Technical Proposal (70%) <input checked="" type="checkbox"/> Expertise of the Firm (score 30 points) <input checked="" type="checkbox"/> Methodology, Its Appropriateness to the Condition and Timeliness of the Implementation Plan (score 40 points) <input checked="" type="checkbox"/> Management Structure and Qualification of Key Personnel (score 30 points)

² VAT exemption status varies from one country to another. Pls. check whatever is applicable to the UNDP CO/BU requiring the service.

³ UNDP preference is not to pay any amount in advance upon signing of contract. If the Service Provider strictly requires payment in advance, it will be limited only up to 20% of the total price quoted. For any higher percentage, or any amount advanced exceeding \$30,000, UNDP shall require the Service Provider to submit a bank guarantee or bank cheque payable to UNDP, in the same amount as the payment advanced by UNDP to the Service Provider.

	<p>Financial Proposal (30%)</p> <p>To be computed as a ratio of the Proposal's offer to the lowest price among the proposals received by UNDP.</p>
UNDP will award the contract to:	<p><input checked="" type="checkbox"/> One and only one Service Provider</p> <p><input type="checkbox"/> One or more Service Providers, depending on the following factors</p>
Contract General Terms and Conditions ⁴	<p><input checked="" type="checkbox"/> General Terms and Conditions for contracts (goods and/or services)</p> <p><input type="checkbox"/> General Terms and Conditions for de minimis contracts (services only, less than \$50,000)</p> <p>Applicable Terms and Conditions are available at: http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</p>
Annexes to this RFP ⁵	<p><input checked="" type="checkbox"/> Form for Submission of Proposal (Annex 2)</p> <p><input checked="" type="checkbox"/> Detailed TOR</p> <p><input type="checkbox"/> Others⁶ [pls. specify]</p>
Contact Person for Inquiries (Written inquiries only) ⁷	<p><i>Agneta Silvia/Yusef Saiful Millah</i> <i>Procurement Unit</i> <i>Agneta.silvia@undp.org/yusef.millah@undp.org</i></p> <p>Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.</p>
Other Information [pls. specify]	

⁴ Service Providers are alerted that non-acceptance of the terms of the General Terms and Conditions (GTC) may be grounds for disqualification from this procurement process.

⁵ Where the information is available in the web, a URL for the information may simply be provided.

⁶ A more detailed Terms of Reference in addition to the contents of this RFP may be attached hereto.

⁷ This contact person and address is officially designated by UNDP. If inquiries are sent to other person/s or address/es, even if they are UNDP staff, UNDP shall have no obligation to respond nor can UNDP confirm that the query was received.

FORM FOR SUBMITTING SERVICE PROVIDER'S PROPOSAL⁸

(This Form must be submitted only using the Service Provider's Official Letterhead/Stationery⁹)

[insert: Location].

[insert: Date]

To: [insert: Name and Address of UNDP focal point]

Dear Sir/Madam:

We, the undersigned, hereby offer to render the following services to UNDP in conformity with the requirements defined in the RFP dated [specify date], and all of its attachments, as well as the provisions of the UNDP General Contract Terms and Conditions :

A. Qualifications of the Service Provider

The Service Provider must describe and explain how and why they are the best entity that can deliver the requirements of UNDP by indicating the following :

- a) *Profile – describing the nature of business, field of expertise, licenses, certifications, accreditations;*
- b) *Business Licenses – Registration Papers, Tax Payment Certification, etc.*
- c) *Latest Audited Financial Statement – income statement and balance sheet to indicate its financial stability, liquidity, credit standing, and market reputation, etc. ;*
- d) *Track Record – list of clients for similar services as those required by UNDP, indicating description of contract scope, contract duration, contract value, contract references;*
- e) *Certificates and Accreditation – including Quality Certificates, Patent Registrations, Environmental Sustainability Certificates, etc.*
- f) *Written Self-Declaration that the company is not in the UN Security Council 1267/1989 List, UN Procurement Division List or Other UN Ineligibility List.*

B. Proposed Methodology for the Completion of Services

The Service Provider must describe how it will address/deliver the demands of the RFP; providing a detailed description of the essential performance characteristics, reporting conditions and quality assurance mechanisms that will be put in place, while demonstrating that the proposed methodology will be appropriate to the local conditions and context of the work.

⁸ This serves as a guide to the Service Provider in preparing the Proposal.

⁹ Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

C. Qualifications of Key Personnel

If required by the RFP, the Service Provider must provide :

- a) *Names and qualifications of the key personnel that will perform the services indicating who is Team Leader, who are supporting, etc.;*
- b) *CVs demonstrating qualifications must be submitted if required by the RFP; and*
- c) *Written confirmation from each personnel that they are available for the entire duration of the contract.*

D. Cost Breakdown per Deliverable*

	Deliverables <i>[list them as referred to in the RFP]</i>	Percentage of Total Price (Weight for payment)	Price (USD/IDR)
1	1st payment: upon submission of inception report and detailed workplan	10%	
2	2 nd Payment shall be made upon submission of the document report of general situational analysis which is submitted and agreed with related partners. The situational analysis is the existing programme policies in the field of energy sector which is mentioned in the general national energy plan (Rencana Umum Energi Nasional-RUEN)	40%	
3	3 rd Payment shall be made upon submission of final payment shall be made upon submission of satisfactory outputs and approval by UNDP and Implementing Partner on the following: <ul style="list-style-type: none"> a. Table on Input-Output (IO) Model b. Dynamic system model in energy sector c. Advance Analysis with an Input-Output Model (IO) Model 	50%	
	Total	100%	

**This shall be the basis of the payment tranches*

E. **Cost Breakdown by Cost Component** *[This is only an Example]:*

Description of Activity	Remuneration per Unit of Time	Total Period of Engagement	No. of Personnel	Total Rate
I. Personnel Services				
1. Team Leader				
2. Technical Expert				
3. Administrative and Finance				
4.(if any, please specify)				
II. Out of Pocket Expenses (if any, please provide in detail)				
1. Travel Costs				
2. Daily Allowance				
3. Communications				
4. Reproduction				
5. Equipment Lease				
6. Others				
III. Other Related Costs (if any, please provide in detail)				

*[Name and Signature of the Service Provider's
Authorized Person]
[Designation]
[Date]*

Terms of Reference (TOR)

For

Benchmarking for Dynamic System Model Based on the General National Energy Plan (RUEN) *"The Partnership for Action on Green Economy (PAGE) Indonesia Project"*

A. BACKGROUND INFORMATION

In the last decade, Indonesia has experienced a stable macroeconomic growth which has made it become one of the largest economies in South East Asia. Although Indonesia continues to be in a favorable position compared to the other countries in South East Asia, the country still faces major challenges in addressing the issues of inequality, poverty alleviation, unemployment and environmental degradation. As climate change becomes reality, Indonesia must continue to seek a balance between its current and future development and poverty reduction priorities.

Indonesia is endowed with abundant natural resources due to its tropical climate and archipelagic geography. However, one of the biggest challenges for Indonesia is to preserve its natural resources while maintaining a stable economic growth. Realizing the importance of these linkages, the government of Indonesia is committed to incorporate environmentally friendly policies and emission reduction activities into its national plans and targets.

The government of Indonesia has been working progressively on Low Carbon Development Initiative (LCDI) policy ever since it was initiated during the UNFCCC COP23. The LCDI aims to explicitly incorporate the environmental considerations (carbon emission reduction target and carrying capacity) into development planning framework that will shape the economic and social trajectories.

The LCDI phase 1 has successfully introduced system-dynamics as a planning tool that allows simultaneous assessment of social, environmental and economic impacts in various development scenarios. Various LCDI policies, interventions and investment needs have been assessed that will be incorporated into the national mid term development plan (RPJMN) 2020-2024.

The LCDI phase 2 will be supported by PAGE Indonesia together with other development partners. LCDI phase 2 framework is designed with twofold objectives: the first is to address the challenges in LCDI phase 1 in order to support LCDI model development for next RPJMN and the second is to support implementation of LCDI development scenarios by involving multi-stakeholders, improving the integrated monitoring, evaluation and reporting system, strengthening communication and replicating the LCD model at the sub-national level. The LCDI phase 2 has 5 Components: (1) Strengthening LCDI policy, (2) Monitoring, Evaluating and Reporting, (3) Private Sector Engagement, (4) Communication, and (5) Regional Engagement.

The partnership for Action on Green Economy (PAGE) was launched in 2013 as a response to the call at the United Nations Conference on Sustainable Development (Rio+20) to support those countries wishing to embark on greener and more inclusive growth trajectories. The PAGE project seeks to put sustainability at the heart of economic policy making. PAGE support nations and regions in reframing economic policies and practices around sustainability to foster economic growth, create income and jobs, reduce poverty and inequality and strengthen the ecological foundation of their economies.

On July 2018, Indonesia became a member of PAGE. The national Development Planning Agency (Bappenas) is the national implementing partner while UNDP Indonesia is the main coordinating partner among the five UN PAGE agencies (UNEP, ILO, UNIDO, UNDP and UNITAR). The main objective of PAGE Indonesia is to support Indonesia's transition toward an inclusive green economy (IGE) by supporting the implementation of LCDI on national and regional level. The three outcomes of PAGE Indonesia are:

- Outcome 1. Indonesia has reinforced and integrated inclusive green economy (IGE) goals and targets into SDG-aligned national economic and development planning through multi-stakeholder collaboration
- Outcome 2. Indonesia is implementing evidence-based sectoral and thematic reforms in line with national IGE priorities
- Outcome 3. Indonesia has strengthened individual, institutional and planning capacities for IGE action

As part of PAGE Outcome 1, the project will support Component 1 of the LCDI phase 2 framework: Strengthening the LCDI Policy. PAGE Indonesia will ensure that the policy scenarios developed from LCDI phase 1 and formalized within RPJMN 2020-2024 are translated into sectoral programmes of line ministries and local governments. The sectoral policy translation sectors are forestry, agriculture, energy, industry and waste.

The objective of this assignment is to support the ministry of energy and mineral resources to develop a benchmarking of dynamic system based on the general national energy plan through strategic and impact analysis.

B. SCOPE OF SERVICES AND EXPECTED OUTPUTS

The overall objective of this consultancy is to deliver a set of recommendations and a technical guidance on developing dynamic system model based on the General National Energy Plan (Rencana Umum Energi Nasional-RUEN). For this purpose, the selected provider is required to collaborate and engage with all members of the Ministry of Energy and Mineral Resources consultancy team and UNDP Indonesia to ensure that necessary outputs feed into and are informed by one another.

The selected company will conduct the following activities:

No	Expected Outputs	Key Activities	Remarks
1	Strategic and Impact Analysis	a. Identify policies, current conditions, and issues within the energy sector to be analysed how the general	- The more accurate, complete and update the data/information of the parameter is better.

		<p>impact on national energy management, economy, labour, environment and development of other sectors.</p> <p>b. Things identified and analysed so called "parameters" are but not as limited as follow:</p> <ul style="list-style-type: none"> - Optimizing the utilization of crude oil for domestic - The increasing of refinery capacity - adjustment of natural gas prices for industry sector - utilization of natural gas and coal for domestic - optimizing biodiesel for domestic consumption - renewable energy progress and development - Implementation of electricity vehicle 	<ul style="list-style-type: none"> - The parameters are then further analysed with the IO model to see how the impact on the multiplier effect on economy - The parameter will be simulated using dynamic system modelling
2	Advance Analysis with an Input-Output Model (IO) Model	<p>a. Conduct an advance analysis on how the energy sector policy impacts the national economic growth. This input will become an output for related sectors such as economy, labor, import and export, subsidy and taxes</p> <p>b. Synergize the interlinkage between the energy planning and the data requirements for input and output (IO) model</p>	The more accurate, comprehensive and updated data and IO modelling system used is better

C. INSTITUTIONAL ARRANGEMENT

The selected organization will work closely and under supervision of the ministry of energy and mineral resources also Programme Manager and Senior Advisor for renewable energy, UNDP Indonesia, Environment Unit.

The Ministry of Energy and Mineral Resources will assist and provide the raw material in the field of existing policies which is mentioned in the RUEN (Rencana Umum Energi Nasional).

While Project Management Unit (PMU) also UNDP as a project assurance will support the ministry of energy and mineral resources to review the result. Besides UNDP will facilitate the selected organization to coordinate with other line ministries.

The selected organization has responsibility to submit the expected deliverable according to agreed timeline and obtained technical clearance from the ministry of energy and mineral resources also seek an approval from UNDP Indonesia on each deliverable. It is important to keep active response of the selected organization for any request from the ministry and UNDP Indonesia.

Further, they will present report results/outputs to audience as required/asked.

The selected organization will closely collaborate/work, liaise and meet with relevant line national ministries, i.e Bappenas (Ministry of National Development Planning) and respected local and provincial government offices and other potential partners such as research institutions and NGOs/CSOs.

D. DURATION OF WORK

The assignment will cover for approximately 5 (five) months of work, from 30 November 2019 to 30 April 2020. Detail estimate timetable as below:

No	Expected Outputs	Expected Submission Date
1	Strategic and Impact Analysis	31 December 2019
2	Advance Analysis with an Input-Output Model (IO) Model	30 April 2020

The above timetable has considered lead time needed by the ministry and UNDP to review outputs, provide feedback and certify on the outputs/works done. Delay on the completion of the work might affect total budget approved unless it is due to reasons beyond the selected organization's control thus close coordination with the PIC from the Project and written notification should always be used to anticipate any delay

E. LOCATION OF WORK

The selected organization will mainly work in Jakarta in close coordination with the Ministry of Energy and Mineral Resources and UNDP Indonesia with possible travel to selected locations as specified below:

Below is detail location of work

No	Activities	Location	Frequency	Remarks
1	Strategic and Impact Analysis			
a	Focus Group Discussion (FGD) to review the existing policies (30 persons x @ 2 days)	Jakarta	2	

b	FGD to analyze the existing and upcoming policies in energy sector (30 persons x @ 2 days)	Bogor	2	
2	Advance Analysis with an Input-Output Model (IO) Model			
a	FGD on Introduction Session on how to use and operate the IO model to the energy sector (30 persons x @ 2 days)	Jakarta	2	
b	Learning and short training on how to uses and implement the IO model to the energy sector (35 persons x @ 2 days)	Bandung	3	
3	Travel/Mission Plan for the experts and technical team of the Selected Organization			
a	Series of FGD 3 persons x 2 days x 2 times	Bogor		The traveller which is represent the selected organization is a person who involved in the proposal implementation
b	Series of FGD 3 persons x 3 days x 3 times	Bandung		
c	Series of FGD 3 persons x 2 days x 2 times	Jakarta		

NOTE: the travel expense, cost of accommodation and venue for those activities mentioned above should be part of bidder's proposal (technical and financial) using 2019 SBM rate.

F. QUALIFICATION OF THE SUCCESSFUL SERVICE PROVIDER

- Institutional Experience:

- At least 5 years of work experience in the area of energy modelling, climate change modelling, environmental engineering also natural resource management and renewable energy.
- At least 5 years experiences working with the government of Indonesia with a good knowledge and understanding of Indonesian key policies related to energy modelling and dynamic system
- Experience in working with International organization and Government
- Registered company with valid license to operate the business

- **Personnel Experience:**

1. A Team Leader with minimum a Master's Degree in Energy specifically in commercial and community renewable energy, social environmental and natural resources management with minimum 8 years relevant working experience. The team leader should have an enough experience in managerial team, organizational skills, planning skills, analytical work and reporting
2. A Technical Expert with minimum a Master's Degree in Climate Change Modelling and Environmental Engineering with minimum 5 years working experience
3. An Administrative and finance Staff, with minimum a Bachelor's Degree in Business Administration, Accounting or equivalent with minimum 2 years of relevant working experience.

- **Competencies and skill requirements:**

Each personnel team should have the following competencies and skill requirements:

- Strong analytical, writing & communication skills and fluency in the English language.
- Strong motivation & ability to work & deliver under short deadlines.
- Focuses on impact & result for the client & responds positively to critical feedback.
- Able to work independently with little or no supervision.
- Familiarity with government strongly desired.
- Previous experience in conducting gender sensitive research is strongly desired.

G. SCOPE OF PROPOSAL PRICE AND SCHEDULE OF PAYMENTS

A result-based budget proposal shows amount required to achieve each expected output and a breakdown of cost of inputs for each activity to be carried out for a given output should be submitted. The budget should also specify cost component items, i.e: professional fees, travel, living allowances, etc.

The schedule of payment will be made as per following timetable:

No	Deliverables	Timeline	Instalment
1	1st payment: upon submission of inception report and detailed workplan	6 December 2019	10 %
2	2 nd Payment shall be made upon submission of a report on the analysis of general situational and conditions of the existing programme policies in the field of energy sector which is mentioned in the general national energy plan (Rencana Umum Energi Nasional-RUEN)	31 December 2019	40%

2	<p>3rd Payment shall be made upon submission of satisfactory outputs and approval by UNDP and Implementing Partner on the following:</p> <ul style="list-style-type: none"> d. Table on Input-Output (IO) Model e. Dynamic system model in energy sector f. Advance Analysis with an Input-Output Model (IO) Model 	30 April 2020	50%
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