

“Subject: RFP/2019/015 - Studies on biomass strategy for sustainable bioenergy production in Southeast Asia. Clarification 1 - issued on 17 November 2019

Importance: High

Issued to All Invited Firms. This Clarification is also posted on the IRENA Website.

A bidder has come back to us for clarification after reading the RFP. The questions posed are listed below. The IRENA clarification / response is in blue text.

1. In point 2 of section 3 scope of work in the RfP, you mentioned the focus of the case study will be cost, availability, viability of retrofit/substitution and life-cycle footprint. **Could you please provide more information around what level of detail is required, who will benefit and who will rely on these case studies?**

Response - The REmap scenario foresees increased deployment of bioenergy particularly in both transport and industry sectors. Nonetheless, very little information is available with regards to bioenergy applications in the industry sector as opposed to the transport sector. Given this, the aim of point 2 of section 3 is, as a starting point, to collect examples of good practices at plant or corporate level using biomass for process heat, which has the potential to be replicated in other areas with certain conditions or expanded by substituting fossil fuel use if retrofitting options are considered. The information required is basic, e.g., type of industry in operation, energy demand for heating applications with breakdown of energy sources, type of biomass in use (wood pellet, charcoal, agricultural pellet, etc), feedstock cost, etc. These should benefit those who consider decarbonizing options for the industrial process heat and inform policy makers of their potential.

2. On the same point, you mentioned country visits to accomplish this task will be required. Based on our understanding of the region, Thailand is already quite mature in this area, but Vietnam and Indonesia have next greatest potential. So, we would recommend to do the case studies for these two countries. **Does IRENA have targeted countries or existing partners shortlisted for the case studies? If yes, could you please provide the list of existing partners, stakeholders (ministries, regulators, regional organisations, government owned or private owned entities, etc.) IRENA has?**

Response We don't have any predetermined target for this task. The case studies are open to different offers and proposals as long as the objectives are achieved. Examples of good practice that have bigger potential as the alternative solution for decarbonizing the industry sector at the regional level would be desirable.

3. Also on the same point, **should the travel expenses be excluded/included in the price?** The Article 4.2 only states that if travel costs are not included in the Contract Price, include: The Contract Price however excludes travel expenses. Any travel by the Contractor that may be required under this Contract must be authorised by IRENA in advance and undertaken in accordance with IRENA's travel policy.

Response: IRENA _ Procurement section: Re point 3 above; Please exclude travel and per diem costs in your financial proposal.

4. The ToR is very light on the issues of FIT to support biomass, how biomass should fit into dispatch order/ power mix, sustainable certification of land use/ forestry, environment issues on flue gas and waste disposal and ash disposal, etc. **Do you expect us to cover all these in the analysis?**

Response: While there is no direct reference to FIT, the biomass deployment route to power generation is, of necessity, within the scope of this project as this aims to showcase possible pathways for scaling up the use of modern bioenergy. Point 3.3.6 states that enablers for the scaling up of bioenergy production such as policy support and incentive mechanisms may be factored in, and FIT could fit in this line.

Of course, sustainability issues are extremely important and should be integrated in bioenergy strategies and so would be discussed in the final report (deliverable). Please note that, however, this project does not include any cost implications for undertaking studies on sustainability standards/requirements.

5. **Will the final deliverable be published? If yes, will you expect Firm Name [xx] to co-brand?**

Response: In our past similar practices, the name of the contributor is acknowledged as a contributing author, but co-branding is not an option. Below you will find standard description in IRENA's publications.

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