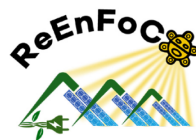




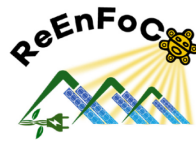
La Cooperativa  
Hidroeléctrica  
de la Montaña



## Questions & Answers

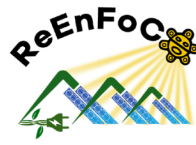
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18SEP21

Question	Answer
<p>Habiendo estudiado todos los datos y la RFP, opino que necesitamos más tiempo para regresar a Castañer, hacer bien los estudios de cada sitio, analizar la data, y juntar una propuesta colaborativa de buena calidad.</p> <p>Estimo que otras 4 semanas serán necesarias para un buen trabajo.</p> <p>Translation: Having studied all the data and the RFP, I think we need more time to return to Castañer, do the studies of each site well, analyze the data, and put together a collaborative proposal of good quality.</p> <p>I estimate that another 4 weeks will be necessary for a good job.</p>	<p>El Comité de Selección autoriza una extensión a la fecha límite de para someter la Propuesta para todos los Contratantes potenciales. La fecha limite para someter la propuesta es miércoles, 13 de septiembre de 2021 a las 23:59 AST (11:59 p.m.)</p> <p>The Selection Committee authorizes an extension to the submission date for Proposals for all potential Contractors. The due date to submit proposals is Wednesday, 13 of September of 2021 at 23:59 AST (11:59 p.m.)</p>
<p>Could you please clarify the meaning of the word "same" in this sentence?</p> <p><i>Administrative requirements: Contractor shall provide a plan to comply with all other administrative requirements, including: bond; insurance; warranty; compliance with all applicable federal, state, and local building standards; and provide evidence of same to the Selection Committee. (Pass/Failure criteria)</i></p>	<p>Please note the alternative construction of the sentence in question.</p> <p><i>Administrative requirements: Contractor shall provide a plan to comply with all other administrative requirements, including: bond; insurance; warranty; compliance with all applicable federal, state, and local building standards; and provide that Administrative Work Plan and documentary evidence of the requested items to the Selection Committee, e.g., copy of bond; copy of insurance; copy of warranty, etc. (Pass/Failure criteria)</i></p>

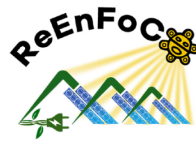


## 20SEP21

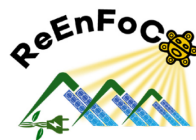
Question	Answer
<p>Por la misma deseo solicitar una extensión en la fecha para someter la propuesta del bid de la microrred de Castañer. Agradezco de antemano su atención en este asunto a la mayor brevedad posible.</p> <p>Translation: With this same notice, I wish to request an extension on the date to submit the bid proposal of the Microrred de Castañer project. I thank you in advance for your attention to this matter as soon as possible.</p>	<p>El Comité de Selección autoriza una extensión a la fecha límite de para someter la Propuesta para todos los Contratantes potenciales. La fecha límite para someter la propuesta es miércoles, 13 de septiembre de 2021 a las 23:59 AST (11:59 p.m.)</p> <p>The Selection Committee authorizes an extension to the submission date for Proposals for all potential Contractors. The due date to submit proposals is Wednesday, 13 of September of 2021 at 23:59 AST (11:59 p.m.)</p>
<p>No hemos recibido el formato para presentar las propuestas en los archivos de la data room que nos llegaron. Gracias.</p> <p>Translation: We have not received in the data room files the format to present the proposals. Thank you.</p>	<p>No hay una forma o planilla para la propuesta. La Solicitud de Propuestas define los requerimientos mínimos que deben someter, y esa información no tiene formula, formato o planilla.</p> <p>There is no form or template for the proposals. The Request for Proposals defines the minimum required information that should be submitted, and that information has no formula, format o template.</p>
<p>Could you help us identify which electric bill goes to which building on the site plan?</p>	<p>We have added the business names and a number to the electric statements that will correspond to the names and numbers of the map.</p>

## 21SEP21

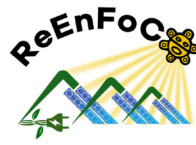
Question	Answer
<p>Due to the short turnaround time from receiving the responses to questions and proposal due date, will the Cooperativa Hidroeléctrica de la Montana (hereinafter "La Cooperativa") and Interstate Renewable Energy Council (IREC) consider extending the proposal due date until 10/13/2021?</p> <p>a. Since the RFP requests each respondent to submit the system design, layout drawing, project schedule, interconnection requirements plan, financing information, in addition to other information. In doing such, an extension of two (2) weeks will provide adequate time to prepare such information to La Cooperativa and IREC.</p>	<p>The Selection Committee authorizes an extension to the submission date for Proposals for all potential Contractors. The due date to submit proposals is Wednesday, 13 of September of 2021 at 23:59 AST (11:59 p.m.)</p>



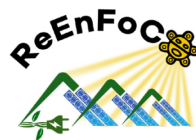
Question	Answer
<p>Are the project designs limited to options A &amp; B as outlined in Section V of the RFP? Or can additional options be considered (e.g., three (3) or more microgrid grouping clusters as distance and electrical distribution infrastructure allows). Currently, the RFP outlines the following two (2) options in Section V:</p> <p>a. Option A: One microgrid connecting all businesses</p> <p>b. Option B: Two microgrids grouping clusters as distances and electrical distribution infrastructure allows.</p>	<p>Proposals for the Microrred de Castañer project are <b>NOT</b> limited to one or <i>any</i> number of microgrids (alternatively described as “grouping clusters”). Based on preliminary designs, cost analysis and financial modeling when dividing the businesses and residential rooftops to three or more microgrids a negative relationship with pricing (e.g., tariff much higher than current PREPA rate) was observed as well as microgrids with insufficient energy production, which reduced the resiliency value of the microgrid to the community.</p> <p>We encourage all prospective Contractors to evaluate and offer creative solution and the Selection Committee intentionally does not limit any proposals to a set number of microgrids. We also remind all prospective Contractors that proposals will be evaluated on the best value to the community of Castañer, and one of those factors will be energy sufficiency at the most reasonable cost.</p>
<p>Please clarify the proposed payment breakdown, schedule and process to the selected contractor(s). After reading the RFP, it is unclear how and when the contractor will get paid throughout the course of the project, including but not limited to, system design, permitting, construction, and installation.</p>	<p>A proposed payment breakdown has not been established. Anticipating the diversity of companies that are interested as potential Contractors, the Selection Committee recognizes that there will be a variety in the financial maturity of the potential Contractors. There may be potential Contractors that can manage waiting until the end for complete and final payment, and there may be potential Contractors that may need payments as the Project is developed. Given this diversity and to not have the payment breakdown serve as a barrier to entry for potential Contractors, the proposed payment breakdown will be negotiated with the selected proposed Contractors based on standard industry practices. Prospective Contractors are welcome to propose a payment schedule.</p>



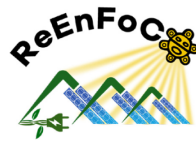
Question	Answer
<p>¿Se realizó un análisis estructural del techo de metal donde se ubica el correo?</p> <p>Translation: Was a structural analysis of the metal roof where the Post Office is located performed?</p>	<p>No se realizó un análisis estructural del techo de metal del correo privado, pero una inspección fue completada y la determinación es que el techo NO es considerado adecuado para una instalación de un sistema fotovoltaico, sin un estudio estructural.</p> <p>No structural analysis has been completed of the metal roof located at the private Post Office, however, an inspection was conducted and the roof is NOT considered suitable for the installation of a rooftop photovoltaic system, without a structural study.</p>
<p>En la data provista incluyen a un salón de belleza que parece ya no estar operando y en su lugar hay una heladería. ¿La data de la heladería está incluida?</p> <p>Translation: In the data provided they include a beauty salon that seems to no longer be operating and, in its place, there is an ice cream shop. Is the ice cream shop data included?</p>	<p>El salón de belleza sigue en función. Al momento de desarrollar los acuerdos con los comerciantes, la heladería no fue considerada como parte de la microrred porque la heladería solo lleva un mes en operación y no hay factura de la AEE disponible. Contratantes potenciales pueden hacer un estudio de la heladería que solo opera en la tarde y cierra temprano en la noche.</p> <p>El beauty salon is still in operation. At the point that agreements were made with the business owners, the ice cream salon was not considered as part of the microgrid because the ice cream shop only has a month in operations and does not have a bill from PREPA available. Potential Contractors may conduct a study of the ice cream shop that nly operates in the afternoon and closes early in the evening.</p>
<p>Hay un local vacío en la estructura donde se encuentran el correo, barbería y heladería, ¿se tomó en consideración la posibilidad de que alquilen ese local en la data proveída?</p> <p>Translation: There is an empty place in the structure where the mail, barbershop and ice cream parlor are located, was the possibility of renting that place taken into consideration in the data provided?</p>	<p>El espacio vacío al lado del barbero, el salón de belleza y la oficina del correo privado no ha sido incluido en el asesoramiento.</p> <p>The empty space next to the barber shop, beauty shop and private mail has not been included in this assessment.</p>



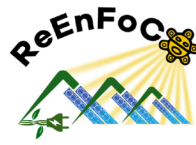
Question	Answer
In the study that has already been completed of the sites, is there a list of all of the loads (with make, model, and power consumption) in each site and can this be shared in the data room?	The Data Room has all demand and load data that is available and will be provided. There is no specific data that includes makes, models and power consumption of current loads. That said, there is enough information provided to calculate power factor, peak loads and other data points that will help in the development of a microgrid proposal.
Can a person who helped conduct the feasibility study be part of our team?	<p>No. The Selection Committee takes the independence and impartiality of the selection process very seriously. To ensure this impartiality no one who worked as part of the pre-development team may participate in the development of a Proposal or serve as a (or part of a) potential Contractor, including anyone from the Cooperativa Hidroeléctrica de la Montaña, IREC, UPR-RUM, Edison Energy, Monllor Capital or any other representative of a group or organization that provided advice or services to those named organizations or may even have the perception of having access to privileged information.</p> <p>Furthermore, per the Request for Proposal, anyone with information regarding a potential conflict of interest is required to report that conflict of interest to the Board of Directors of the Cooperativa Hidroeléctrica de la Montaña at <a href="mailto:junta@cooperativahidroelectrica.coop">junta@cooperativahidroelectrica.coop</a>.</p>
Should the proposed microgrid be based on the data provided in the data room only or is it expected that each respondent returns to the site and complete their own data collection?	The Selection Committee recommends that each potential Contractor completes all studies required to best understand the consumption and needs of the microgrid participants. The data provided was generated for pre-development purposes to create preliminary designs, costing data and a financial model. The data is indicative, yet is not likely sufficient to complete an accurate proposal.
In the study that has already been completed of the sites, are there measurements of the space indoors for storing batteries?	There have been no measurements taken of spaces suitable for storing batteries as there are many site options for the battery storage.



Question	Answer
<p>De las facturas de AEE no he podido casarlas todas con los respectivos lugares. Podrán aclarar a que site pertenece cada factura?</p> <p>Translation: Of the PREPA invoices I have not been able to marry them all with the respective places. Can you clarify to which site each invoice belongs?</p>	<p>Hemos añadido los nombres de los negocios y un numero a las facturas de la AEE que corresponderán con los nombres y números en el mapa.</p> <p>We have added the business names and a number to the electric statements that will correspond to the names and numbers of the map.</p>
<p>¿Pueden extender la fecha de entrega de la propuesta cuatro semanas para poder analizar toda la data?</p> <p>Translation: Can you extend the proposal submission date by four weeks so that you can analyze all the data?</p>	<p>El Comité de Selección autoriza una extensión a la fecha límite de para someter la Propuesta para todos los Contratantes potenciales. La fecha límite para someter la propuesta es miércoles, 13 de septiembre de 2021 a las 23:59 AST (11:59 p.m.)</p> <p>The Selection Committee authorizes an extension to the submission date for Proposals for all potential Contractors. The due date to submit proposals is Wednesday, 13 of September of 2021 at 23:59 AST (11:59 p.m.)</p>
<p>De resultar agraciado con su confianza, podremos subcontratar a uno o más de los licitadores que no resultaron seleccionados?</p> <p>Translation: If our proposal is selected as the winning bid, will we be able to subcontract to one or more of the bidders who were not selected?</p>	<p>El Contratante potencial seleccionado puede subcontratar a cualquier persona (natural o jurídica) que determina que es calificada para completar el trabajo con la salvedad de no subcontratar persona (natural o jurídica) que representa un conflicto de interés en el proceso de selección. Además, el Contratante potencial seleccionado tiene que informar el Comité de Selección de quien compone su equipo y el Desarrollador del Proyecto tiene el derecho de negar la selección si la persona contratada es determinada no ser calificada.</p> <p>The selected potential Contractor may subcontract with any person (natural or legal) that they determine is qualified to complete the work with the exception that the selected potential Contractor may not contract with a person (natural or legal) that represents a conflict of interest for the selection process. Additionally, the selected potential Contractor must inform the Selection Committee of the team's composition and the Project Developer reserves the right to deny the selection if the subcontracted person is deemed unqualified.</p>

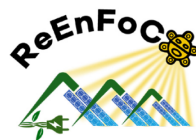


Question	Answer
Could you provide the pre-bid minute?	The Data Room has a video of the Pre-Proposal Conference available to watch. There are no minutes from the Pre-Proposal conference.
Can the following site information be provided prior to submitting the proposal? a. Existing stand by generators to be incorporated in the design; if required, please provide capacity & locations b. Roofs material (Concrete, Metal, Wood) and it's insulation c. Sites incoming service voltage	The summary of this requested information shall be provided as a supplemental Addendum shortly.
Should a net metering process be considered in the proposal?	Yes. A net metering process and plan are required for the proposal. The microgrid(s) should be capable of net metering and also operate in islanded form when needed.
Is there a bid form?	There is no bid form o template for the proposals. The Request for Proposals defines the minimum required information that should be submitted, and that information has no formula, format o template.
What commissioning tests should be performed?	Commissioning tests should be in conformance with the industry standards identified in the Requests for Proposal. The <i>Cooperativa Hidroeléctrica de la Montaña</i> intends to retain professional services to conduct an impartial and independent acceptance and commissioning test.



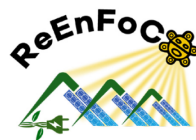
29SEP21

Question	Answer
<p>Up on your answers , when the data the question pdf mentioned will be available :</p> <p>Excepted data about :</p> <ol style="list-style-type: none"><li>Existing Generators data</li><li>Bills related places info.</li><li>The bid was about to serve 8 commercial buildings , 4 residential , are the residential building included in the suggested microgrids from data room and is there any bills or loads information</li></ol>	<p>Answers in order:</p> <ol style="list-style-type: none"><li>Please find after this answer a table (in Spanish and English) with the available generator data. Please note that the data may be of limited value due to the varied capacity, implementation, uses and applied technology. For example, some connections are through a transfer switch and others through extension cords. Furthermore, several generators do not meet the entire electrical energy needs of the business. The notes in the table attempt to highlight a few examples of the variability, however, these supplemental notes should not be relied upon exclusively for design purposes.</li><li>On Monday, 04OCT21, all available bills matched to the map were uploaded to the <i>Solicitud de Propuestas</i> folder.</li><li>Bills for the 4 residential rooftops are included in the uploaded bills. No additional information beyond what is available in the bills is available. All potential Contractors are (and have been) encouraged to conduct their own site visits and electrical studies.</li></ol>



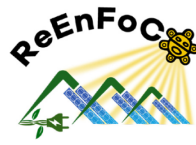
## Encuesta sobre Generadores en Castañer

Numero en el Mapa	Nombre del Comercio	kWH	Conexión del generador	Gasto diario operacional	Notas
1	El Sartén de Fary	5	A un circuito en el panel	\$40.00	No corre toda la necesidad energética.
2	Supermercado Mega-Fresh	107	Al contador - Transfer switch manual	\$125.00	Esta con muy buen mantenimiento.
3	Castañer Bakery	40	Al contador - Transfer switch manual	\$250.00	Planta es vieja e ineficiente y tiene mucha maquinaria que consume mucha energía en adición su horario es extenso. No supe a todo el edificio.
4	El Tesoro de Cofresi	6	Al contador - Transfer switch manual	\$50.00	Comercio tiene pocas neveras.
5	Panadería y Restaurante La Alborada	65	Al contador - Transfer switch manual	\$150.00	Su horario es menor al de Castañer Bakery y tiene menos maquinaria.
6			Comparte generador con local 5		
7	Correo	2.5	A un circuito	\$5.00	Planta con inversor, pero solo corre luces del pasillo y oficina.
8	Junny Barber	4	Limitado a usar extensiones	\$40.00	Mantiene su aire acondicionado y maquinaria ocasionalmente.



## Survey of Generators in Castañer

Number on Map	Business Name	kWH	Generator Connection	Daily Operating Expense	Notes
1	El Sartén de Fary	5	Tied to a circuit in the breaker panel	\$40.00	Does not supply sufficient energy to meet needs.
2	Supermercado Mega-Fresh	107	Transfer switch at the meter	\$125.00	Well maintained.
3	Castañer Bakery	40	Transfer switch at the meter	\$250.00	Generator is old and inefficient and has a lot of machinery that consumes a lot of energy in addition to extensive operational schedule. Generator does not supply the entire needs of the business.
4	El Tesoro de Cofresi	6	Transfer switch at the meter	\$50.00	Business has few refrigerators.
5	Panadería y Restaurante La Alborada	65	Transfer switch at the meter	\$150.00	Business operational hours are lower than that of Castañer Bakery and also has less machinery.
6			Shares generation with business at Number 5		
7	Correo	2.5	One circuit	\$5.00	Generator with inverter, but only powers lights in the corridor and office.
8	Junny Barber	4	Limited to using extension cords.	\$40.00	Supports occasional use of air conditioning and machinery.



03OCT21

Question	Answer
Due to the amount of details to consider on this proposal, could it be possible to have an office (like [name redacted]'s office), create a design so we can create a proposal based on that design? This [engineering] office has been working with this site for some time and they have all the details needed to create a design with most effective details. Having a single designer will allow consistency in terms of proposals.	This Request for Proposals (RFP) requests proposals with design & EPC services. The numerous design alternatives available to prospective Contractors is a key element of this RFP and is also tied to 25 points. The Selection Committee finds that providing a design would defeat the purpose of trying to identify creative solutions for the <i>Microrred de Castañer</i> , specifically, the RFP states “Microgrid(s) Design: including how its design could accommodate future growth of the microgrid system to respond to new clients and includes: generating capacity and approximate installation sites, storage capacity and inverter type selection, rapid shut down compliance and racking system selection. (25 points)”

04OCT21

Question	Answer
Can you find out more information about the cost and timelines of the permits? Can you also give us the required information about the LUMA Energy grid interconnection requirements?	The Selection Committee does not possess real time information on the cost and timelines of the permits or LUMA Energy’s grid interconnection requirements. The RFP selection process provides points for experience (25 points) and an Evaluation and Permits Approval Plan (15 points). The Selection Committee recognizes that the current process interconnection and permitting process is opaque and uncertain, which is why the RFP states the “Contractor shall provide a descriptive plan that documents the Contractor understands the Microgrid registration process with the <i>Puerto Rico Energy Bureau</i> and Interconnection of PV with storage with <i>LUMA</i> for Net Metering. (15 points)” Determining the timeline for interconnection and permits is a collaborative process that the potential contractor will work with the assistance of the <i>Cooperativa Hidroeléctrica de la Montaña</i> . That said, the Selection Committee expects that suitably experienced potential Contractors will be able to address these concerns and document a plan for the interconnection and permitting of the <i>Microrred de Castañer</i> .