



Memorandum

To: Renewable Energy Feasibility Planholder's List

From: Cameron Millard, Environmental Sustainability Department

Date: May 9th, 2023

Subject: TOV Renewable Energy Feasibility RFP Update, Questions and Responses

1. Update:

- a. **NEW PROPOSAL DEADLINE:** The deadline to submit a proposal has been extended to end of business day, Friday, May 26th, 2023 to allow more time for respondents.
- b. **Important Changes to the Scope of Work:** In order to focus on facilities with higher electrical consumption, and TOV-owned facilities, the following locations have been eliminated/removed from the list of TOV facilities.

These locations are **no longer included** in the scope of work:

- Creekside Apartments
- Donovan Park Restroom
- Buzzard Park
- Ford Park Restrooms
- Vail Gymnastics Center

2. Questions and Responses

- a. Does the Town want all of the scope completed by July 7? Is there any flexibility in this date or is this to hit a budget cycle? **The timeline is in place to complete the study prior to the fall budgeting schedule. If additional time is needed in order to better complete the study, there may be some flexibility allowed.**
- b. Are all sites in Holy Cross Territory? **Yes, all meters are within Holy Cross Territory.**
- c. Is there potential for additional facilities within Town ownership to be included into the awarded study? **Not at this time, these locations have been prioritized by town staff.**
- d. For the fee, the RFP says to outline costs for tasks 1-5 and then also for the "add alts". Would you be able to define "add alts"? And does the Town not want a fee for tasks 6 and 7 included? Would you like to see each task broken out separately or as a lump sum with only add alts

Questions and Responses continued:

broken out? **An add alt is additional item of work that is offered by the respondent in the proposal but isn't yet part of the scope of work. Please include tasks 6 and 7 in your cost outline, the RFP was in error and should have specified tasks 1-7 instead of 1-5. Costing each task within will help town staff better evaluate the proposal.**

- e. Will the Town of Vail be able to provide utility interval data for purposes of assessing best performance of solar and battery storage installations? **Interval data can be provided upon request to the respondent with the selected proposal.**
- f. Can the Town provide utility bill history for the locations? **Yes, .csv files containing 12 months of utility bill history will be provided to all planholders along with this document.**
- g. Are the properties identified in the RFP owned by the Town of Vail? **The remaining locations that have not been eliminated from the scope are all owned by the Town of Vail.**
- h. How readily available (from the utility) is interconnection information at each site and proximity to nearest line or substation for interconnection, line or substation voltages, and load information? **Holy Cross Energy is likely able to provide this information upon request, but the Town of Vail cannot take responsibility for the utility's responsiveness. Some additional information can be found from the EVSE Feasibility Report, attached with this response.**
- i. How do you prefer to see the cost of carbon quantified? Cost of displacing, sequestering carbon? **Social cost of carbon dioxide means either seventy-nine dollars (\$79.00) per metric ton of carbon dioxide with an annual escalation rate of two and one-half (2.5) percent from January 1, 2022, or the social cost of carbon dioxide as determined by the public utilities commission of the State of Colorado, whichever is greater.**
- j. What is the format and budget precision desired for the final reports? **The town does not specify a format. A higher degree of budget precision is helpful for proposal evaluation but is not predefined for this RFP.**
- k. Are the building schedules available or facilities contacts who can answer questions about loads and activities? **Yes, town staff will work with the selected respondent to investigate and answer questions about load, activities, and facilities uses.**
- l. Are roofing and structural ages known and plans available for each building? **Some information may be available but cannot be promised. Structural limitations, including availability (or lack) of information, should be one of several considerations at the initial feasibility study to determine the appropriateness of seeking further design work for any given site.**
- m. Are capital improvements to the roof and HVAC for the next 3-5 years accounted for in planning? **Staff will provide information related to future capital improvements if it is available, but locations should be considered "as-is" for the purposes of this study.**
- n. Is this only for rooftop solar are any ground mounts wanted? Are there limitations on ballast vs roof anchors for racking? **The town is interested in any and all innovative or alternative means of achieving more renewable energy. Limitations such as structural integrity of roofing should**

Questions and Responses continued:

be evaluated at the feasibility level only to determine if further investigation would be helpful.

- o. What is the battery and emergency backup strategy and limitations? Peak shifting (duration desired) ride through times? **This level of detail is not required for this scope; initial feasibility of storage as a compliment to renewable energy is what is requested. Battery size and duration capability should be considered in the context of site feasibility, and staff will work with the selected respondent to determine approximate system specifications.**
- p. Are there budget and payback targets for buildings or project set? **Not at this time, but payback information is helpful for evaluating the feasibility of renewable energy projects. Progress towards GHG reductions and meeting the town's climate goals of 50% reduction in by 2030 and 80% by 2050 are important considerations.**
- q. How are non-energy benefits/costs accounted for in project scope? Does the town plan on funding projects with no payback? If so what is that gap? **Non-energy benefits are accounted for by the social cost of carbon (see question "I". The funding priorities of the Town cannot be addressed at this time.**
- r. Self-consumption vs export? Does the town want to maximize rooftop solar potential even if the site is unable to consume the energy? **The town is open to self-consumption when possible, and is also open to a DER (Distributed Energy Resource) tariff for production (in front of the meter).**
- s. Can a respondent bid on future renewable energy projects that may become available? **Yes.**
- t. What is the budget for this project? **The budget is currently allocated at \$35,000 but all proposals will be considered regardless of their respective costs.**