



CITY OF CONCORD

Report to Council

FROM: Brian LeBrun – Deputy City Manager Finance

DATE: August 27, 2016

SUBJECT: Report on Request for Proposal for Solar Photovoltaic Systems on City-Owned Parcels

Recommendation

Accept this report on the Request for Proposal (RFP) for Solar Photovoltaic Systems on City Owned Parcels.

Background

The Energy and Environment Advisory Committee has been working diligently to find alternate energy sources that will enhance the Concord community's use of renewable energy and provide financial relief to the City from the current high energy costs. Part of this effort was to have the City's consultant, Beacon Integrated Solutions, prepare a preliminary feasibility study and subsequent Request for Proposal for a solar photovoltaic net metering project. In December 2014, the City Council approved a supplemental appropriation in the amount of \$34,030 for consulting services for this project.

Discussion

The preliminary feasibility report received from Beacon Integrated Solutions dated May 9, 2015 indicated that there may an opportunity for financial savings and suggested that the City consider additional due diligence by:

- 1) Conducting price discovery for different scenarios by issuing an RFP;
- 2) Installing smaller systems;
- 3) Purchasing Renewable Energy Credits (RECs) to offset the City's carbon footprint; and
- 4) Purchasing net metering benefits for G-2 accounts.

Upon further discussion with the Energy and Environment Advisory Committee, it was decided to pursue issuing a Request for Proposal for Solar Photovoltaic Systems on City Owned Parcels. Four parcels were identified as potential sites for a solar array:

- 1) Capped Landfill on Old Turnpike Road
- 2) Wastewater Treatment Facility, 125 Hall Street

- 3) Water Treatment Plant on Hutchins Street
- 4) Wastewater Treatment Facility, 7 Penacook Road, Penacook.

This RFP provides for a net metering program with a third party to build and maintain the infrastructure for a period not to exceed twenty years. The RFP also includes a proposed Solar Purchase Power Agreement for the proposed project.

On or about August 27, 2015, the RFP will be distributed to a list of 134 vendors that currently provide the expertise in this type of project and will be available to any and all other interested parties. Once proposals are received and reviewed for a successful bidder, a final report will be prepared indicating the scope and location of the project and will seek final support of the City Council before issuing a notice to proceed.

cc: Thomas J. Aspell, Jr., City Manager
Robert Werner, Chair Energy and Environment Advisory Committee