CITY ADMINISTRATOR'S OFFICE MEMO

cityadmin@hiawatha-iowa.com
319-393-1515 ext.523

To: City Council and Mayor Bennett

From: City Administrator, Kim Downs

Date: November 14, 2019

RE: Rooftop Solar Library Update

In July, City Council approved the installation of solar panels for the Public Works Building-1410 Robins Road and the *Public Library-150 West Willman Street*

Moxie Solar of North Liberty was the lowest responsive responsible bidder. City Council chose option #3:

Option 3:

- Award contract with Moxie Solar and direct staff to direct purchase solar panels in the amount of $121,304.51 for the library.

In our discussions with Moxie Solar-Chris Hoffman during the meeting informed council because the installation of the library panels would be in 2020 there is a high potential the city could incur additional cost due to the new tariff requirements. Council understood.

Chris Hoffman is now able to zero in on the 2020 solar panel cost and updated our solar array watts and cost for the library. Below you will find the updated array for wattage/kilowatts and cost for the Library solar project.

1. The Library solar will have 385-watt solar panels
2. The array can be constructed up to about 68 kW according to Alliant's Net Metering policy.
3. Moxie Solar will design a 68.145 kW. The price, then, changed slightly from $121,305.00 to $124,023.90.

At this time, I ask council to authorize staff to enter into an agreement with Moxie Solar with a direct purchase for solar panels in the amount of $124,023.90 and to be installed upon completion of the library construction. Funding is available through LOSST to complete this project.

Thank you for your consideration.

Kim

DRAFT

RESOLUTION NO. 19-
City Council

RESOLUTION APPROVING ROOFTOP SOLAR OF CITY FACILITIES (LIBRARY)

WHEREAS, the City of Hiawatha has made sustainability one of its top priorities. The council-created definition of sustainability is, "a community's ability to meet the environmental, economic, and social equity needs of today without reducing the ability of future generations to meet their needs.", and

WHEREAS, on the 17th day of July, 2019, City Council reviewed three (3) bids for Rooftop Solar of City Facilities (Library), and

WHEREAS, Moxie Solar of North Liberty, Iowa is the reasonable, responsible and lowest bidder, and with a cost not to exceed (each facility will have its own solar installation contract):

- Library Facility-estimated $121,304.51 (note: due to building project not being completed we may need to revisit cost), and

WHEREAS, after discussion with Moxie Solar, City Council recognized the installation of the library panels would be purchased in 2020 with the potential for an additional cost due to the new tariff requirements

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, authorize staff to enter into an agreement with Moxie Solar with a direct purchase for solar panels in the amount of $124,023.90 of available LOSST funds and to be installed upon completion of the library construction.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 20th day of November, 2019.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kari Graber, City Clerk