



11807 Memorial Pkwy SW
Huntsville, AL 35803

August 16, 2019

Southern Solar is pleased to submit the following bid for additional solar installations at the Public Works facility in Apex, NC.

Southern Solar is proposing to install 108 kw on 4 different roof surfaces facing southeast as shown on the attached layout drawing. The system is estimated to produce 145 MWh per year. These installations will be installed by adhering to the same guidelines provided in Southern Solar's existing contract with the City of Apex. This installation will use the same brand of solar panels, inverters and racking structure as is currently being used on the Public Works building solar system in order to keep a consistent appearance and allow the systems to be monitored on the same monitoring platform.

The equipment will consist of Renogy solar panels, Fronius 3 phase inverters, and S-5! brand racking equipment that will attach to the existing standing seam roof without any roof penetrations.

There are a couple a pine trees on the east side of the property that will likely need to be removed in order to maximize the solar gain of north eastern most array of solar panels. It is identified on the attached layout drawing.

As per the existing contract, the city will evaluate the strength of the roofs and provide any documentation needed for permitting.

The total amount of the bid for Southern Solar to design, install and commission the project is \$151,200.

Thank you for the opportunity to bid this work.

Regards,

A handwritten signature in black ink that reads "Chris Shearburn". The signature is written in a cursive, flowing style.

Chris Shearburn

Vice President

Southern Solar Systems, Inc.



8 kw

28 kw

36 kw

36 kw

Existing Array

Trees to be removed

HelioScope

