



**Addendum #1
for the
Design and Installation of a Photovoltaic Electrical Generation System
for the City of Durham**

Date of Issue: 4/20/2020

A. PURPOSE FOR THIS ADDENDUM:

Through this Addendum, the RFP issued to design and install a **Photovoltaic (Solar) Electric Generation System** on the roof of the City's **Sign and Signal Shop** located at **320 Muldee Street, Durham, NC 27703** is amended as follows:

1. This Addendum provides additional information on services being sought, the submittal requirements, and timeline. Copies of this Addendum may be downloaded directly from this site: <http://durhamnc.gov/bids.aspx>, or by contacting the Project Manager:

Todd Tingler, Senior Construction Project Manager
City of Durham, Owner
General Service Department
2011 Fay Street
Durham, NC 27704
Phone: 919-257-0008 (Cell)
Email: todd.tingler@durhamnc.gov

2. **Proposal submittal date has been changed:**

Due to Corona Virus 19 directives issued by the City of Durham, the RFP submittal date and time have been extended as follows:

3:00 p.m. on Friday, 5/22/2020

A **Pre-Submittal Meeting** is scheduled for:

Time and Date: **10:00am on Friday May 8, 2020**
Location: **Sign & Signal Shop, 320 Muldee Street, Durham, NC 27703**

Please contact the Project Manager listed above to register your Company if interested. The City is not responsible for providing updated information/changes to Companies not known by the City as holding a copy of this RFP.

3. *Q: The RFP does not state product specifications or preferred products. I do not see panel or inverter performance specifications etc. My assumption is the city is leaving that to the installer as long as they meet code requirements. Please confirm.*



R. This is correct, the products used: panels, inverters, etc... are at the selection of the designer/installer. Proposals will be reviewed for equipment selected, operation, quality, maintenance, efficiency, output, etc...

4. Q. Please confirm if there is a preferred system size. Sizing is dependent on two variables, facility peak KW demand (or contract demand) & monthly kWh usage. This data for the last 12 months is necessary in order to advise a perfect system size. In addition to the minimum 45 kW DC / 30 kW AC size requirement, does the city of Durham have a preferred system size?

R. Both the peak KW demand and monthly kWh usage information from Duke Energy is attached to this Addendum. The array size is: 34 kW AC, matching the peak monthly demand.

5. Q. How close to the average annual building demand of 75,481 kWh would Durham like? 90% offset / 100% offset or some other number?

R. The City prefers a system sized to offset 100% of the annual building demand. There are size (kW) limitations as dictated by Duke Energy because the City will be seeking a rebate, but physical size is not limited.

6. Q. Does the City qualify as a non-profit organization?

R. Yes, the City is considered a non-profit with respect to Duke Energy's rebate program. The City does not sell surplus electrical generated.

End of Addendum #1



CITY OF DURHAM

Account # 1406434907

04/2019 Through 03/2020

320 MULDEE ST DURHAM NC, 27703

Bill Month / Year	# Days	Actual Demand	Billing Demand	KWH	Energy Dollars	IS/SG Credits	Extra Facilities	Muni Fees	Reps Rider	Late Payment Charge	Sales Tax	Total Dollars	Cost Per KWH	Hours Use	Period Begin Date	Period End Date
Rate Schedule: SGS-NC		Contract KW: 55			Meter Number: 077806905			EUC Code: 1611								
4/2019	31	19	30	7,080	\$647.32	\$0.00	\$0.00	\$0.00	\$1.03	\$0.00	\$45.38	\$693.73	\$0.0914	373	3/8/2019	4/8/2019
5/2019	30	19	30	6,120	\$584.55	\$0.00	\$0.00	\$0.00	\$1.03	\$0.00	\$40.99	\$626.57	\$0.0955	322	4/8/2019	5/8/2019
6/2019	33	24	30	8,400	\$726.97	\$0.00	\$0.00	\$0.00	\$1.03	\$0.00	\$50.96	\$778.96	\$0.0865	350	5/8/2019	6/10/2019
7/2019	29	26	30	8,760	\$748.36	\$0.00	\$0.00	\$0.00	\$1.03	\$0.00	\$52.46	\$801.85	\$0.0854	337	6/10/2019	7/9/2019
8/2019	30	34	34	12,240	\$978.23	\$0.00	\$0.00	\$0.00	\$1.03	\$0.00	\$68.55	\$1,047.81	\$0.0799	360	7/9/2019	8/8/2019
9/2019	33	34	34	12,360	\$989.19	\$0.00	\$0.00	\$0.00	\$2.02	\$0.00	\$69.38	\$1,060.59	\$0.0800	364	8/8/2019	9/10/2019
10/2019	28	31	31	9,600	\$814.00	\$0.00	\$0.00	\$0.00	\$4.65	\$0.00	\$57.31	\$875.96	\$0.0848	310	9/10/2019	10/8/2019
11/2019	30	25	30	7,560	\$683.61	\$0.00	\$0.00	\$0.00	\$4.65	\$0.00	\$48.18	\$736.44	\$0.0904	302	10/8/2019	11/7/2019
12/2019	32	22	30	7,680	\$690.18	\$0.00	\$0.00	\$0.00	\$4.65	\$7.36	\$48.64	\$750.83	\$0.0899	349	11/7/2019	12/9/2019
1/2020	31	20	30	7,200	\$656.44	\$0.00	\$0.00	\$0.00	\$4.65	\$0.00	\$46.28	\$707.37	\$0.0912	360	12/9/2019	1/9/2020
2/2020	32	22	30	8,160	\$707.63	\$0.00	\$0.00	\$0.00	\$4.65	\$0.00	\$49.86	\$762.14	\$0.0867	371	1/9/2020	2/10/2020
3/2020	28	20	30	7,200	\$650.27	\$0.00	\$0.00	\$0.00	\$4.65	\$0.00	\$45.84	\$700.76	\$0.0903	360	2/10/2020	3/9/2020
Totals	367	34	34	102,360	\$8,876.75	\$0.00	\$0.00	\$0.00	\$35.07	\$7.36	\$623.83	\$9,543.01	\$0.0877	346		