PURCHASING DEPARTMENT

The bid listed below has had addenda issued. Documents are available over the Internet at http://www.norwalkct.org Adobe Acrobat reader is required to view this document. If you do not have this software you may download it free from Adobe. The document number to request will be the same as the project number indicated below.

<table>
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<th>Project #</th>
<th>Addendum #</th>
<th># of pages</th>
<th>Original Issue Date</th>
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<tr>
<td>3670</td>
<td>2</td>
<td>9</td>
<td>September 7, 2016</td>
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Date: September 12, 2016

Project Number: 3670

Addenda Number: 2

Deadline: 2:00 PM September 30, 2016

October 7, 2016

Project Title: Renewable Energy

This Addendum is a contract document modifying previously issued documents, which remain in full force except as specifically modified below.

**Deadline:** The RFP Submission date/ RFP Deadline date has been changed to Friday, October 7, 2016, 2pm EST. Please acknowledge that you are in compliance with this addendum.

Quotations appearing on the Proposal are to reflect the provisions of this Addendum. Failure to acknowledge receipt of this Addendum in the space provided on the response sheet may subject candidate to disqualification.

**NEW INFORMATION:**

A pre-proposal conference for this project was held on Thursday, September 15, 2016, meeting at City Hall, Room 101, 125 East Avenue, Norwalk, CT. A copy of the sign-in sheet from that pre-proposal conference is attached to this addendum. [One (1) pages].

**Deadline:** The RFP Submission date/ RFP Deadline date has been changed to Friday, October 7, 2016, 2pm EST. Please acknowledge that you are in compliance with this addendum.
**Performance Bonds:** The proposal shall NOT include any performance bond costs. However, please provide the bond premium rate in the event the City of Norwalk requires a performance bond from the Proposer.

**City Hall Roof:** Enclosed in this addendum is the roof specifications for the Phase 1 City Hall Roof Replacement Project. The Phase 1 City Hall roof replacement project is scheduled to start on October 1, 2016 and completion by December 31, 2016 weather permitting.

**City Hall, Naramake Elementary School & Norwalk High School Roofs:** All equipment **MUST** be set back 10 feet from the edge of the roof in compliance with servicing safety requirements. Otherwise, guard rails are required.

**Oyster Shell Park:** The Proposers shall include the costs for safety protection of the solar system in order to restrict public access in compliance with electrical codes. It is also important to note the City’s continued goal to develop this waterfront park as a premium park facilities and that aesthetic is an essential element when we consider the required fencing.

**RESPONSE TO QUESTIONS:**

1. **Question:** Would the City please provide 12 months historical electricity usage and $/kWh or, utility billing information for each of the 5 sites proposed in the RFP? Also, identify what utility each site falls under?

   **Response:** The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

2. **Question:** Do the projects need to be Prevailing Wage?

   **Response:** Prevailing Wage Rate requirements shall NOT be applicable.

3. **Question:** Is there any land area at Fodor Farm Barn that the City would be willing to place a solar array?

   **Response:** In order for the City to evaluate the proposals, proposers **MUST** submit their proposal based on the specified areas of the buildings and properties in the RFP. In addition to the specified areas, Proposers may suggest other options for consideration.
4. **Question:** Generally speaking are the proposed solar systems intended to qualify for medium and large ZRECs - offset energy consumption at the local facility/utility meter (ZREC)?

**Response:** At this time, it has not been decided if the City of Norwalk intends to qualify for medium and large ZRECs or virtual net metering (LREC)

5. **Question:** Are any of these properties and planned solar arrays (i.e., Fodor Farms and Oyster Shell) intended to qualify for Virtual Net Metering (LRECs)?

**Response:** At this time, it has not been decided if the City of Norwalk intends to qualify for medium and large ZRECs or virtual net metering (LREC)

6. **Question:** The planned COD of Sep 2017 would entail successful bid awards of Year 5 ZRECs or LRECs, which has already passed?

**Response:** According to the information available on Eversource’s website (https://www.eversource.com/Content/docs/default-source/ct---pdfs/year-5-update.pdf?sfvrsn=4), the RFP was released on April 28, 2016, Bid Forms Due on June 16, 2016 1:00pm, Selection and Notification of Winning Bidders is on or about July 14, 2016.

7. **Question:** Has the City of Norwalk been awarded any Year 5 ZREC or LRECs for these proposed properties?

**Response:** To best of knowledge, the City of Norwalk has never applied for as a ZREC auction

8. **Question:** Or is this planned Year 6 ZREC auctions?

**Response:** At this time, it has not been decided if the City of Norwalk intends to qualify for medium and large ZRECs or virtual net metering (LREC)

9. **Question:** Will Single Line Electrical Diagrams be provided for each property?

**Response:** Single Line Electrical Diagrams for each property will not be provided at this time.

10. **Question:** Who is the insurance company for the three properties that will have rooftop solar arrays? City Hall & Norwalk Schools?

**Response:** The City will required insurance from the selected vendor. There is risk to the City during construction as well as post construction.
11. **Question**: Will Annual Energy Consumption (kWh) be provided for each property?

**Response**: The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

12. **Question**: Will Energy Consumption ($/kWh) be provided for each property?

**Response**: The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

13. **Question**: Are there scheduled/planned site visits to each location outside of the pre-proposal conference visits to the city hall and schools?

**Response**: There will not be any additional scheduled/planned site visits to each location outside of the pre-proposal conference visits to the City Hall and schools.

14. **Question**: City Hall Roof-City of Norwalk: 125 East Avenue, What is the annual energy consumption at this site (annual kwh consumption)?

**Response**: The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

15. **Question**: City Hall Roof-City of Norwalk: 125 East Avenue; How many meters are on site?

**Response**: There is one (1) meter on site for the City Hall Roof-City of Norwalk: 125 East Avenue.

16. **Question**: Fodor Farm Barn: 328 Flax Hill Road, what area of the property is marked for solar?

**Response**: The area of the Fodor Farm Barn Roof is specified in the RFP with the roof dimensions for solar installation.

17. **Question**: Fodor Farm Barn: 328 Flax Hill Road, Is the ground area to the West of the farm building available for use?
Response: In order for the City to evaluate the proposals, proposers MUST submit their proposal based on the specified areas of the buildings and properties in the RFP. In addition to the specified areas, Proposers may suggest other options for consideration.

18. Question: Foder Farm Barn: 328 Flax Hill Road, What is the annual energy consumption at this site (annual kwh consumption)?

Response: The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

19. Question: Foder Farm Barn: 328 Flax Hill Road, Is the planned solar array to offset energy consumption on site or through virtual net metering?

Response: At this time, it has not been decided if the City of Norwalk intends to qualify for medium and large ZRECs or virtual net metering (LREC)

20. Question: Oyster Shell Park: North Water Street, What area of the property is marked for solar vs. wind?

Response: The solar installation at Oyster Shell Park is envisioned to be installed on the hill bank, which is on the river side of the park. The wind turbine installation would be on the hill/area closest to the I-95 highway.

21. Question: Oyster Shell Park: North Water Street, What is the annual energy consumption at this site (annual kwh consumption)?

Response: The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

22. Question: Oyster Shell Park: North Water Street, Is this property planned to have both Solar and Wind or one or the other?

Response: Oyster Shell Park is planned to have both Solar and Wind. We understand firms may not possess all the requisite qualifications and expertise to submit a proposal for solar photovoltaic generating system and a wind turbine and therefor also recommends that applicants form partnerships to jointly apply to this FRP as necessary. Alternatively, firms can submit a proposal for (1) a solar photovoltaic generating system only (2) a solar photovoltaic generating system and wind turbine or (3) wind turbine only
23. **Question**: Norwalk High School: 23 Calvin Murphy Drive, The marked area for solar on PG 29 of the RFP represents a small portion of the roof. Is leveraging the full roof space for solar in scope?

**Response**: In order for the City to evaluate the proposals, proposers MUST submit their proposal based on the specified areas of the buildings and properties in the RFP. In addition to the specified areas, Proposers may suggest other options for consideration.

24. **Question**: Norwalk High School: 23 Calvin Murphy Drive, What is the annual energy consumption at this site (annual kwh consumption)?

**Response**: The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

25. **Question**: Norwalk High School: 23 Calvin Murphy Drive, How many meters are on site?

**Response**: There is one (1) meter on site for Norwalk High School.

26. **Question**: Naramake Elementary School: 16 King Street, The marked area for solar on PG 31 of the RFP represents a small portion of the roof. Is leveraging the full use roof space for solar in scope?

**Response**: In order for the City to evaluate the proposals, proposers MUST submit their proposal based on the specified areas of the buildings and properties in the RFP. In addition to the specified areas, Proposers may suggest other options for consideration.

27. **Question**: Naramake Elementary School: 16 King Street, What is the annual energy consumption at this site (annual kwh consumption)?

**Response**: The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

28. **Question**: Naramake Elementary School: 16 King Street, How many meters are on site?

**Response**: There is one (1) electric meter currently in place for Naramake Elementary School, which excludes the one portable classroom.
29. **Question:** Can a bidder select a segment of the RFQ or must all the sites be bid?

**Response:** In order for the City to evaluate the proposals, proposers MUST submit their proposal based on the specified areas of the buildings and properties in the RFP. In addition to the specified areas, Proposers may suggest other options for consideration.

30. **Question:** Are added points available for local (Fairfield County) providers?

**Response:** There will be no additional points for local (Fairfield County) providers.

31. **Question:** Would you please clarify what information you’re looking for in 1.5 Format of Proposals—Section 5 where it asks for the major sustainable attributes of the proposer’s business practices, as well as that of other partners?

**Response:** The City of Norwalk is looking for the sustainable programs the proposer has in place and currently follows or will be implementing.

32. **Question:** Will the Town be sending out Utility bills in order for us to maximize system sizes where possible?

**Response:** The City of Norwalk will be issuing a separate Addendum containing copies of the bills and the utility information. As a result, the RFP Submission Date/RFP Deadline Date has been changed to Friday, October 7, 2016, 2pm EST.

33. **Question:** Are the system sizes limited to the roof section pointed out in the RFP or are we able to design and install where possible to maximize system?

**Response:** In order for the City to evaluate the proposals, proposers MUST submit their proposal based on the specified areas of the buildings and properties in the RFP. In addition to the specified areas, Proposers may suggest other options for consideration.

34. **Question:** Is entire roof at Town hall open to Solar?

**Response:** In order for the City to evaluate the proposals, proposers MUST submit their proposal based on the specified areas of the buildings and properties in the RFP. In addition to the specified areas, Proposers may suggest other options for consideration.
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<td>GE Renewable Energy</td>
<td>Steven Liu</td>
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<td>604-374-3425</td>
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Project Description: Renewable Energy

**PROJECT # 3670**

**PRE-BID CONFERENCE**

Date: September 15, 2016
ITEM III  NEW MODIFIED BITUMEN ROOFING SYSTEM

1.0  General

1.1  Scope of Work – This item consists in installing a new multi-ply, insulated sheet membrane roofing system as shown on the attached drawings and as follows:

INSTALLING NEW MODIFIED BITUMEN ROOFING SYSTEM –

A. FIELD EXAMINATION – After demo and removals work is completed, the exposed existing concrete roof deck must be examined and assessed. Any deck deterioration must be brought to the attention of the Architect.

B. SBS MODIFIED BITUMEN ROOFING SYSTEM – The proposed new roofing system is an insulated, multi-ply, modified bitumen, SBS sheet membrane, torched applied roofing system in a conventional installation.

Basis of Design for New Modified Bitumen Roofing System:
Basis of design for the new roofing system is GAF 1-0-3-25/HGP. This is a multiply, fully bonded, torched-applied, insulated SBS modified bitumen sheet membrane roofing system with a minimum NDL warranty of 25-Yrs on a conventional installation or any of the two other equivalent systems outlined in Table No.1 below.

| Insulation: | Tapered Polyiso to achieve R-25 |
| Base: | Ruberoid SBS Heath-Weld 25, torched applied |
| Interply: | Ruberoid SBS Heath-Weld 25, torched applied |
| Cap: | Ruberoid Energy Cap SBS Heath-Weld Plus, white granule |
| Double base flashing: | Ruberoid SBS Heath-Weld 25, torched applied |
| Liquid flashing: | Ruberoid Energy Cap SBS Heath-Weld Plus, white granule |
| | Matrix 220 w/Topcoat Flashing Fabric |

Basic Assembly of New Modified Bitumen Roofing System:
1. Preparation of existing concrete roof slab
2. Priming of existing concrete roof slab
3. Vapor control layer,
4. High density rigid polyiso tapered insulation R-25
5. ½” roof board
6. Torched applied, multiply sheet membrane roofing assembly w/double sheet membrane base flashings
9. Metal counter flashings
10. Door sill metal flashings w/rubber cap
11. Double base flashings
12. Liquid flashings
13. New roof drains
14. Roof Pads

TS-10