

**BEACON HIGHWAY GARAGE ROOFTOP SOLAR ARRAY**

***ADDENDUM No. 1***

**CITY OF BEACON  
DUTCHESS COUNTY, NEW YORK**

**COB Bid No. 2025-014  
COB Contract No. 2025-XXX**

**Consulting Engineers  
*Lanc & Tully*  
Engineering and Surveying, P.C.  
P.O. Box 687  
Goshen, NY 10924**



**September 8, 2025**

\*\*\* **NOTICE TO BIDDERS** \*\*\*

The following Addendum No. 1 to the Contract Documents, Technical Specifications, and Drawings for **Beacon Highway Garage Rooftop Solar Arrays** project supersedes contained specified items only to the extent listed and/or shown on drawings herein or contained within the contract documents.

Such additions and/or deletions should be considered by all Bidders in preparation of their initial bids for proposed project and shall not be used as a basis for later claims for extra compensation.

**Contractor shall mark on page C-1 of the Bid Form of the contract the date this addendum was received.**

- I. The following are modifications to the Contract Documents:
  - The original pages C-3 and C-4 of the Bid Form shall be deleted in their entirety and replaced with the attached pages C-3 and C-4 dated September 8, 2025.
  
- II. The Following are modifications to the Technical Specifications:
  - The original pages 01011-1 through 01011-3 of the Technical specifications shall be deleted in their entirety and replaced with the attached pages 01011-1 through 01011-3 dated September 8, 2025.

**BEACON HIGHWAY GARAGE ROOFTOP SOLAR ARRAY  
CITY OF BEACON, DUTCHESS COUNTY, NY**

All items are *complete items* & include furnishing, installation, excavation, backfilling, labor, etc., unless mentioned otherwise in this Bid Form.

BIDDER will complete the BASE BID work on **Beacon Highway Garage Rooftop Solar Array** using the following unit prices:

<b>Item #</b>	<b>Item Description</b>	<b>Unit</b>	<b>Est. Qty</b>	<b>Unit Price</b>	<b>Total Amount</b>
1	Bonds and Insurance	LS	1		
2	All permitting, applications with outside agencies (Central Hudson), coordination with Central Hudson on inter-connection with power grid, preparation of all required documents for NYSERDA Sun-Up program, providing a minimum full five-year warranty that covers all components of the generating system against breakdown or degradation, and preparation of Operations & Maintenance Manual for system.	LS	1		
3	Structural analysis prepared by NYS Professional Engineer showing that existing roof system can support proposed solar array.	LS	1		
4	Design of solar array system showing layout of solar panel array, running of all electrical wiring, location of all inverters, location of all necessary panels and switches on the exterior and interior of the building. Submission of plan to Beacon Building Department for issuance of building permit.	LS	1		

Item #	Item Description	Unit	Est. Qty	Unit Price	Total Amount
5	Installation of roof mounted photovoltaic modules (panels) to support an estimated 136,000 kWh per year solar electric power system on south-east facing tilted roof. This task includes all materials necessary for mounting panels to south-east facing roof, wiring, conduits, sleeves, raceways, switches, rapid shut down, enclosures, panels, boxes, and anything else incidental and necessary to complete the work. <b>Mounting shall of system shall be specialized clamps for mounting all components (rails, panels, conduit, etc.) to the standing seam metal roof to avoid penetrations into the metal roof.</b>	LS	1		
6	Installation of interactive power inverters	LS	1		
7	Installation of real-time solar production monitoring equipment with recording capabilities, including all necessary wiring, conduit, switches, enclosures, and anything else incidental and necessary to complete the work.	LS	1		
TOTAL [Base Bid]					

Total BASE BID Price for *Beacon Highway Garage Rooftop Solar Array* (Item Nos. 1 - 7):

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*(in words)*

Revised September 8, 2025

PART 1 GENERAL

1.1. SECTION INCLUDES

1.1.1 Summary of work under this Contract.

1.2. SYSTEM DESCRIPTION

1.2.1. Beacon Highway Garage Rooftop Solar Array is a project located in the City of Beacon, Dutchess County, New York and it entails the installation of a solar array on the south-east roof of the Beacon Highway garage located at 30 Camp Beacon Road. Array shall be able to support an estimated 136,000 kWh per year usage by the highway garage. The Contractor will be responsible to provide all engineering designs and structural analysis by a NYS licensed professional, materials, labor, tools, electric power, construction equipment, and all other facilities, services and permits necessary for the proper execution and construction of work. Included in this work shall be acquiring all work permits from local, state or federal agencies, completing and filing of all necessary applications with Central Hudson, preparation of O & M Manual, testing of installed system, and system maintenance and data reporting for a five (5) year period, as called for in these specifications and bid documents.

The system should make maximum use of the surface area of the southeast-facing, tilted roof at the City's highway garage (30 Camp Beacon Road) and facilitate the distribution of energy not used on-site for use by other municipal facilities.

The highway garage is a municipally owned building constructed in December 2016. The roof section intended for the solar array location is a standing-seam metal, tilted roof with approximate dimensions of 240 feet by 46 feet.

The garage consumes an average of 136,000 kWh of electricity per year with one electricity meter. The desired rooftop array shall produce 100% of the annual kWh consumed by the building, with additional kWh to be distributed through a remote-crediting system to be established as part of this project.

Provider shall verify the structural capacity of the roof to support proposed roof-mounted solar panels, tracks and anchoring equipment, by procuring an engineer's evaluation regarding the weight to be installed, and whether an additional support structure is required.

The Bidder shall be responsible for all connections and purchase agreements to the utility for systems that proposed to export power to the utility.

The City of Beacon will own the panels and the power generated by the system. The solar array must be a complete turnkey system, including permitting, Tier 1 solar panels, inverters, wiring, metering, controls, coordination and authorization, operation, rebate applications, grid connection agreement, all permits and approvals from governing agencies and all labor, taxes, services, equipment, etc.

Site:	Address:	Rooftop:	Est. Annual Energy Consumption:
City of Beacon Highway Garage	30 Camp Beacon Road, Beacon, NY 12508	Nine-year-old southeast-facing metal roof (240'x46')	136,000 kWh



*Southeast-facing roof at 30 Camp Beacon Road*



*Aerial view of 30 Camp Beacon Road*

**\*\* END OF SECTION \*\***