DATE: May 17, 2021

RE: BID NO. 21 - 01
Town Hall Parking and Safety Improvements – Phase 1
Simsbury, Connecticut

This Addendum No. 1 includes clarifications, revisions, and additions to the Invitation for Bid. Modifications are hereby made to the Invitation for Bid issued May 4, 2021, for the above-referenced project.

Bid Plan Set

A. Replace sheet PH-1 Phasing Plan of the bid plan set dated May 5, 2021 with the attached sheet PH-1 Phasing Plan dated May 12, 2021. This plan further clarifies which portion(s) of the project associate with the Base Bid Item, Phase 1, and which portions(s) of the project associated with Add Alternate Bid Item #2, Phase 2.
B. Replace LA-1 Layout Plan with the attached sheet LA-1 Layout Plan dated May 12, 2021. The plan further clarifies extent of Phase 1 (Base Bid) and Phase 2 (Alternate #2).
C. Replaces LS-1 Landscaping Plan with the attached sheet LS-1 Landscaping Plan dated May 12, 2021. The plan further clarifies extent of Phase 1 (Base Bid) and Phase 2 (Alternate #2).
D. Replace GR-1 Grading, Drainage and Utility Plan with the attached sheet GR-1 Grading, Drainage and Utility Plan date May 12, 2021. The plan further clarifies extent of Phase 1 (Base Bid) and Phase 2 (Alternate #2).
E. Add sheets SE-1 and SE-2 Site Electrical Plans to the bid plan set dated May 12, 2021. These sheets were previously omitted from the bid plan set.
F. Replace SD-5 Site Details with the attached sheet SD-5 Site Details date May 12, 2021. The plan provides additional details for the project.

Project Manual

A. Replace Invitation for Bid with revised invitation to Bid. **Bid opening date has been delayed until Thursday, May 27, 2021 at 2:00 pm. Questions on the bid will be received until May 21, 2021 at 4:30 pm.**
B. Replace Bid Proposal included in the Project Manual with attached Bid Proposal dated May 17, 2021. Clarifications have been provided to the description of alternate bid items and an additional unit price item has been added to the Bid Proposal.
C. All components of Add Alternate Bid Item No. 1 for Furnishing and Installing Rectangular Rapid Flashing Beacon shall be powder coated or painted with 3 coats of infrared oven baked paint before assembly. Color shall be Federal Standard 595, Color No. 14056 – Dark Green.

D. All reference to “Division 1” in the Division 2 Technical Specifications should be changed to “Section 5 - General Conditions/Supplemental General Conditions of the Project Manual.”

E. Replace Technical Specification in Section 02224 Subbase with attached specifications. Clarifications have been provided for management and payment of soft spot repair in the subbase as required.

F. Add attached technical specifications Section 14041 Electrical. These specifications were previously omitted from the Project Manual.

Claroctions

A. The contractor should be aware that all work in the State right of way of Route 10 / 202 (Hopmeadow Street) shall be completed under an Encroachment Permit issued by the State of Connecticut Department of Transportation.

B. The contractor shall be reimbursed by the Town of Simsbury for all private duty police protection authorized by the Town of Simsbury for work in the State right of way of Route 10 / 202 (Hopmeadow Street).

THIS ENDS ADDENDUM NO. 1.
INVITATION TO BID
TOWN OF SIMSBURY
(EQUAL OPPORTUNITY EMPLOYER)

BID NO. 21- 01
Town Hall Parking and Safety Improvements – Phase 1
Simsbury, Connecticut

Sealed bids endorsed "Proposed Town Hall Parking and Safety Improvements – Phase 1, Simsbury, Connecticut" will be received at the office of the Finance Department, 933 Hopmeadow St., Simsbury, Connecticut until Thursday, May 27, 2021, at 2:00 p.m. (EST) at which time they will be opened in public by the Director of Finance. Bids received after the time set for the opening may be rejected.

This project includes the replacement and improvements to the existing parking lot and sidewalks at Simsbury Town Hall with associated grading, curbing, drainage structures and basins, landscaping, lighting, and appurtenances.

A Pre-Bid Site Visit will be held at the site at 933 Hopmeadow Street, Simsbury, CT 06070 on May 11, 2021 at 9:00 a.m. local time in front of Town Hall.

Documents can be obtained from ARC Document Solutions | CT, 17 Talcott Notch Road, Farmington, CT 06032, office 860.677.8817. fax 860.677.6504. Bid documents can be viewed from an online plan room prior to placing an order from the following website: http://www.e-arc.com/location/farmington/ at Planrooms/Order from PlanWell. Documents will be available beginning on May 4, 2021 and can be viewed in the Public Planroom. Bidders must call ARC Document Solutions | CT to order a hard copy of the documents prior to pick up or to request delivery.

The right is reserved to reject any or all bids or to waive defects in same if it be deemed in the best interest of the Town of Simsbury.

The Town of Simsbury is an Affirmative Action - Equal Opportunity Employer.

Amy Meriwether
Director of Finance/Treasurer
Town of Simsbury
To: Office of the Finance Director  
Town of Simsbury  
933 Hopmeadow Street  
Simsbury, CT 06070

Proposal of:

Contractor Name: _________________________________________________________  
Street Address: _________________________________________________________  
City, State, Zip Code __________________________________________________________

The undersigned further declares that he has carefully examined the site of the work, the information for bidders, specifications, drawings and form of contract and will contract to provide all necessary tools, apparatus and implements, freight, cartage and expense, and to do all work and furnish all the materials necessary to construct the proposed work named on the title page in the manner and upon the conditions specified, and upon the terms which follow herein.

But it is understood and agreed that the prices bid for unit quantities of work in the following items shall control in any contract awarded hereon; that the quantities used are approximate only, being estimated solely for use in comparing bids; and that the following products obtained by multiplying the unit prices bid by the estimated quantities, and the total of those prices are inserted only for the purpose of checking this proposal and for the convenience of the bidder. In the case of error or discrepancies, unit prices govern and written words take precedence over figures.

No bids may be withdrawn for a period of 90 days after the opening of bids without the approval and written consent of the Finance Director. If no award has been made within 90 days after the opening of bids, the bid may be withdrawn upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bond.

And the undersigned agrees to furnish satisfactory performance and payment bonds with surety, and to execute and deliver, within five days after the notice of the award, a formal contract with the Town of Simsbury for the fulfillment of this proposal; and it is agreed, in case of failure or neglect on the part of the undersigned to do so, the Town may determine that the bidder has abandoned the contract and thereupon the proposal and acceptance shall be null and void, and at the Town’s option the amount of the bond or check accompanying the proposal shall be forfeited to the Town of Simsbury, or shall be returned to the bidder in whole or in part.
The undersigned further declares that the bidder is:

a. A CORPORATION organized under the laws of the State of having its principal office at
   ____________________________________________________________

   The principal officers of said corporation with their respective titles and address are as follows:
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________

b. A LLC organized under the laws of the State of having its principal office at
   ____________________________________________________________

   The principal officers of said corporation with their respective titles and address are as follows:
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________

c. A PARTNERSHIP consisting of the following individuals (with their addresses).
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________

d. An INDIVIDUAL, by the name of ______________________ and doing business as
   ____________________________________________________________

The bidder is required to state below what work of a similar character to that included in the proposed contract he has done and give reference that will enable the Town to judge his experience, skill and business standing.

______________________________________________________________

______________________________________________________________

______________________________________________________________

______________________________________________________________
The bidder is required to give a brief description of the plan and general methods proposed for carrying on the work indicating there in whether the plan and equipment are owned or to be hired by the bidder.
BID PRICES

INSTRUCTIONS: Bidder is to write his bid price in words in the blank spaces provided at the end of the description.

The Bidder is advised that the description is only a summary. The lump sum bid shall include all of the items as specified in detail in the contract document.

In case of discrepancies between amounts shown in words and amount shown in figures, BIDDER agrees that amounts shown in words will govern.

BID SCHEDULE

BIDDER'S NAME:

_______________________________________________________________________

PROPOSAL NUMBER:

BID NO. 21- 01
Town Hall Parking and Safety Improvements – Phase 1

LUMP SUM BASE BID PRICE – PHASES 1 (including work within State ROW) OF PHASING PLAN INCLUDING REMOVAL AN/OR RECONSTRUCTION OF EXISTING DRIVEWAYS, CONSTRUCTION OF NEW DRIVEWAY ENTRANCE, GRADING AND PAVING OF PARKING LOT WITH INSTALLATION OF ASSOCIATED CURBING, RECONSTRUCTION OF SIDEWALK, LIGHTING, CONSTRUCTION OF WATER QUALITY BASINS, CATCH BASINS, MANHOLES, ASSOCIATED STORM DRAIN PIPES, LANDSCAPING AND OFF SITE IMPROVEMENTS INCLUDING SIDEWALKS, CROSSWALK RELOCATION, UTILITY CONDUITS, LIGHTING MODIFICATIONS AND ALL RELATED WORK.

Pursuant to and in full compliance with the solicitation, the undersigned bidder, having visited the site or property if applicable, and having thoroughly examined each and every document comprising the solicitation, including any addenda, hereby offers and agrees as follows:

To provide the products and/or services specified in, and upon the terms and conditions of, the solicitation for the total sum of ______________________________ /100 Dollars (write out in words) ($__________________).
ADD ALTERNATE BID ITEMS:

No. 1 LUMP SUM BID PRICE – FURNISH AND INSTALL RECTANGULAR RAPID FLASHING BEACON AT PEDESTRIAN CROSSING ON HOPMEADOW STREET INCLUDING ASSOCIATED SIGNAGE MODIFICATIONS

To provide the products and/or services specified in, and upon the terms and conditions of, the solicitation for the total sum of
_________________________________________________________________________ /100 Dollars

(write out in words) ($___________________).

No. 2 LUMP SUM BID PRICE – PHASE 2 OF PHASING PLAN INCLUDING COLD MILLING, PAVING, BITUMINOUS CONCRETE CURB, CONCRETE WALK AND PAVEMENT MARKINGS IN THE PHASE 2 AREAS INDICATED ON THE PLANS

To provide the products and/or services specified in, and upon the terms and conditions of, the solicitation for the total sum of
_________________________________________________________________________ /100 Dollars

(write out in words) ($___________________).

No. 3 LUMP SUM BID PRICE – RELOCATION OF FLAG POLE

To provide the products and/or services specified in, and upon the terms and conditions of, the solicitation for the total sum of
_________________________________________________________________________ /100 Dollars

(write out in words) ($___________________).

MANDATORY UNIT PRICES
Should the amount of improvements required be increased or decreased due to special considerations found at the site or because of a request of the Town of Simsbury, the undersigned agrees that the following supplemental UNIT PRICES will be the basic price in place for computing the EXTRA or CREDIT.

Each UNIT PRICE shall include all equipment, tools, labor, permits, fees, etc., incidental to the installation and completion of the work involved.

The amounts shown are net changes to the Contract for additional work and include the Contractor’s and any Subcontractor’s amounts for overhead and profit. For deleted work, the net credit to the Contract shall be 10% less.

All work is to be accomplished in accordance with applicable Sections of the Specifications and Site Details.

C.Y. = cubic yard          S.F. = square foot
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Unit</th>
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<tbody>
<tr>
<td>1</td>
<td>Furnish and Install New Granite Curb</td>
<td>$/L.F.</td>
</tr>
<tr>
<td>2</td>
<td>Furnish and Install New Radius Granite Curb</td>
<td>$/L.F.</td>
</tr>
<tr>
<td>3</td>
<td>Furnish and Install New Sloped Granite Curb</td>
<td>$/L.F.</td>
</tr>
<tr>
<td>4</td>
<td>Furnish and Install Bituminous Concrete Curb</td>
<td>$/L.F.</td>
</tr>
<tr>
<td>5</td>
<td>Furnish and Install Concrete Walk</td>
<td>$/S.F.</td>
</tr>
<tr>
<td>6</td>
<td>Furnish and Install Concrete Walk with Brick Edge</td>
<td>$/S.F.</td>
</tr>
<tr>
<td>7</td>
<td>Reconstruct Brick Paver Sidewalk</td>
<td>$/S.F.</td>
</tr>
<tr>
<td>8</td>
<td>Furnish and Install Wood Beam Guide Rail</td>
<td>$/L.F.</td>
</tr>
<tr>
<td>9</td>
<td>Soft Spot Repair in Subbase</td>
<td>$/S.Y.</td>
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(See Specification Section 02224)

The following addenda for this contract were received:

<table>
<thead>
<tr>
<th>Addendum Number</th>
<th>Date</th>
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Dated at ________________________________, ___________________________,
(Town) (State)

This ____________ day of ________________, 2021

Signed

______________________________________________
(Bidder)

By: ________________________________
NOTE:

Bidder is reminded that in addition to completing and signing the above proposal and bid form, he/she shall also complete and return with the bid:

- Bid Security
- Non-Collusion Affidavit
- Legal Status Form
- Statement of Bidder’s Qualifications
- Simsbury Hold Harmless and Indemnification Agreement
SECTION 02224
SUBBASE

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Pavement subbase.
B. Concrete and brick sidewalk and concrete pad subbase.

1.2 RELATED SECTIONS

A. Section 02205 – Soil Materials.
B. Section 02207 – Aggregate Materials
C. Section 02211 – Rough Grading
D. Section 02223 - Backfilling
E. Section 02510 – Bituminous Concrete Paving
F. Section 02521 – Curbing
G. Section 02522 – Concrete Sidewalks and Pads
H. Section 02650 – Processed Aggregate Base.

1.3 UNIT PRICE - MEASUREMENT AND PAYMENT

A. Lump Sum Payment for Work except soft spot (unsuitable material) repairs under the Unit Price Item.
B. Disposal and Removal of existing material in accordance with Part 3, 3.1,H below under the Unit Price Item for soft spot as noted in A above.

1.4 REFERENCES

A. AASHTO T180 - Moisture-Density Relations of Soils Using a 10-lb Rammer and an 18-in. Drop.
B. CTDOT Form 818, Standard Specifications for Roads, Bridges and Incidental Construction, as amended.

SUBBASE
02224-1
1.5 PROJECT COORDINATION

A. Sequence and schedule activities in accordance with the Contract and Division 1 Specification Sections.

PART 2 PRODUCTS

2.1 MATERIALS

A. Subbase: As specified in Section 02205.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

A. Verify that all underdrains and underground utilities have been installed where required.

B. Remove existing pavement and walk areas and stockpile existing aggregate base materials.

C. Once existing pavement or walks are removed, in areas at grade or in fill, it is the intent to reuse existing aggregate base and subbase to the extent possible for required subbase material. In cut areas, the existing site soils are generally not frost susceptible. Inspection will be required to determine the depth and suitability of the existing subbase and subgrade material. Over excavation to provide a subbase of 8 inch min depth may be required as determined by the Project Engineer. Should the underlying soil be found to be suitable for subbase, unless otherwise instructed by the Project Engineer, the preparation for placement of the aggregate base will only include proof-rolled and compaction by a heavy vibratory roller with at least 5 passes (15 Tons minimum static weight and 30 Tons dynamic force)

D. In fill areas, subbase material shall be added where fill is required to bring the grade up to the proper elevation and provide 8 inches min. subbase depth for placement of the aggregate base material.

E. Prior to placement of subbase material, as required, the entire area of the subgrade, whether in fill or excavated areas, shall be proof roll and compacted. The dry density after compaction shall be not less than 95 percent.

F. Correct irregularities in subgrade gradient and elevation by scarifying, reshaping, and re-compacting.

G. Do not place fill on soft, muddy, or frozen surfaces.

H. In areas of evident instability or where minimum depth of subbase material is not sufficient, remove at least 8" of material in the unstable area and replace with SUBBASE

02224-2
new subbase material or 3/4" Crushed Stone conforming to Section M.01.01 of CDOT Form 818 as directed by the Project Engineer.

I. All unsuitable materials or excess cut material shall be disposed of off-site.

3.2 PLACEMENT

A. Spread subbase material uniformly upon the required grade, in courses not exceeding four (4) inches in thickness after final compaction.

B. After each course has been placed it shall be compacted with equipment specifically designed for that purpose.

C. Use mechanical tamping equipment in areas inaccessible to compaction equipment.

3.3 TOLERANCES

A. Scheduled Compacted Thickness: Within 1/2 inch.

B. Variation from Design Elevation: Within 1/2 inch.

3.4 FIELD QUALITY CONTROL

A. It is the Contractor's responsibility to complete testing adequate to insure compliance of the Work and materials to the Specifications to the satisfaction of the Project Engineer.

B. In-situ density testing (compaction testing) will be performed in accordance with AASHTO T180, Method D or other method approved by the Geotechnical Engineer.

C. If tests indicate Work does not meet specified requirements, remove Work, replace and retest.

3.5 SCHEDULES

A. Under Bituminous Concrete Pavement, Drives, Roadways:

1. Subbase Course: Imported 8 inches thick min. or approved existing material compacted to 95 percent dry density.

B. Under Concrete Pads, Sidewalks and Ramps.

1. Subbase Course: Imported 8 inches thick min. or approved existing material compacted to 95 percent dry density.

END OF SECTION

SUBBASE
02224-3
**1.1 GENERAL:**

General Conditions are a part of this Division. All work shall be done in strict accordance with the latest applicable issue of the National Electrical Code, local Codes and utility company requirements. All equipment is to be UL approved. The Contractor shall bear the cost of all fees, permits, licenses and taxes.

The Contractor will contact “Call Before You Dig” and have a complete survey conducted in the areas of proposed excavation.

Submit manufacturer's drawings of electrical devices to the Owner for approval. Submit information on any other equipment to be used when requested by the Owner or Engineer.

The Contractor shall provide a guarantee covering all material and workmanship for one (1) year following the date of acceptance.

The Contractor shall examine the Drawings and Specifications of other trades to determine the extent of his work. He shall visit the site and familiarize himself with the project and local conditions before submitting his Bid as he shall be held responsible for any assumptions made thereof. The Drawings are diagrammatic and indicate the general arrangement of systems and work included in the Contract. If so directed by the Engineer, the Contractor shall, without extra charge, make reasonable modifications in the layout to prevent conflict with those of other trades and for proper installation of work. The Contractor shall coordinate locations of equipment with trades before starting construction. Any modifications to the equipment layout required for installation are to be performed at no additional cost to the Owner.

The Contractor shall arrange his work so that any power outage does not interfere with the Owner's operation.

**1.2 SCOPE OF WORK:**

The Contractor shall furnish and install a complete electrical site lighting system, conduit for security cameras and EV charge stations and other work indicated on the drawings which includes, but is not limited to: all light fixtures as shown on the Drawings including concrete bases; time clock and relay, conduit and branch wiring; and all other items and equipment as shown on the Drawings or herein specified.

The Contractor shall be responsible for relocating or modifying existing equipment and wiring required for new construction.

The electrical system shall be complete in all respects, tested, approved and ready for the beneficial use of the Owner.

**1.3 FIELD MEASUREMENTS:**

The Contractor shall verify in the field all measurements necessary for his work. Conduits and light fixtures which have not already been installed may be relocated up to twenty five (25') feet from...
locations shown on the Drawing when so directed by the Engineer, at no cost to the Owner. Verify all lighting fixture locations with the Engineer before installation.

1.4 WIRING METHODS:

Electrical Metallic Tubing (EMT) shall be used for interior branch circuits run above ground, all exposed branch circuit wiring and security system wiring.

Rigid galvanized steel conduit shall be used for all exposed exterior wiring except as noted below or as specifically noted on the Drawings.

Polyvinyl chloride (PVC) conduit may be used for underground power and security wiring except as specifically otherwise noted on the Drawings. Schedule 80 shall be used below paved areas.

Wire #10 and smaller shall be solid conductor with THW, THWN insulation as required. Size #8 and larger shall be stranded conductor with Type THW insulation, unless otherwise indicated. All conductors shall be soft-annealed copper. Where practical and not otherwise stated, circuits on each of 3-phase legs may be combined with the neutral and run back to panel. The Contractor shall include a green ground conductor for all circuits; the use of the conduit system or cable covering as the sole means of grounding will not be permitted.

1.5 LIGHTING FIXTURES:

The Contractor shall furnish and install all lighting equipment as shown and specified complete with lamps ready for operation.

Provide all required supports, hangers and seismic bracing for fixtures, including recessed troffers.

Existing fixtures in the space shall be reused as noted on the Drawings. The fixtures shall be disconnected, removed and stored by the Contractor and then be cleaned prior to reinstalling the fixtures. The Contractor shall document, in writing, any damage noted on the fixtures prior to removing them and submit a copy to the General Contractor and Engineer. The Contractor shall be held responsible for any subsequent damage.

1.6 FIRE-STOPS AND SEALS:

All penetrations through fire rated walls, ceilings or floors in which cables or conduits pass shall be sealed with a UL approved fire-stop fitting classified for an hourly rating equivalent to the rating of the wall, ceiling or floor.

Through wall and floor seals shall be used to provide a positive means of sealing pipes or conduits which pass through concrete foundation of a structure below grade or below ground water level.

All openings shall be sealed as required by the NEC.

1.7 WARNING TAPE:
Color-coded warning ribbon composed of a solid, aluminum foil core encased in a protective plastic jacket shall be placed above all buried electrical and communication utility lines. All tapes shall be highly visible, color-coded and imprinted with the appropriate warning legend. The tape width shall vary from a two (2") inch wide tape buried ten (10") inches below the surface to an 18-inch wide tape buried 50 inches below the surface.

Standard legends shall be marked continuously along the entire length of the tape. A red safety tape imprinted with "CAUTION - ELECTRIC LINE BURIED BELOW" shall be used for all buried primary and secondary electric services. Orange safety tapes shall be imprinted with "CAUTION - TELEPHONE LINE BURIED BELOW" or "CAUTION - TELEVISION CABLE BURIED BELOW".

Warning tapes shall be as manufactured by Allen Systems, Houston, Texas or acceptable equivalent.

1.8 SYSTEMS OPERATIONAL MANUALS:

Upon completion of the work and at a time designated by the Engineer, the Contractor shall furnish instruction manuals, data, warranties, etc., and instruct the Owner or his representative as to the arrangement, location and operation of all equipment and systems furnished and installed under the Contract.

Contractor shall provide as-built documents to the Owner at the completion of the project.

1.9 SHOP DRAWINGS:

As required, the following list of electrical items must be submitted by the Contractor for approval:
Conduit and wire with fittings and connectors
Light switches, receptacles and plates (submit samples as requested)
Time clocks
Contactors and relays
Photocells
All lighting fixtures (submit samples as requested)
Precast Concrete pole bases
Yard Boxes