

ADDENDUM #1

Issue Date: September 11, 2020

Project Name: Town of Simsbury – Simsbury Farms Recreational Complex
Site Lighting and Communication Fiber Extension, Simsbury, CT

Project No.: 2020003.00

GENERAL:

Modifications described herein as Addendum items supersede specific parts of the Contract Documents for the above-named project. All bids and the construction contract shall be based on the inclusion of these modifications.

REVISIONS TO PROJECT MANUAL

ITEM 1: Instruction to Bidders

- A. Replace pages 3 and 4 of the Instruction to Bidders with the revised attached pages 3 and 4. A footnote has been included for clarification on completion requirements in Section 2 – Key Dates. The Substantial Completion Date has been revised to December 15, 2020 under Section 3 – Project Completion.
- B. Replace Invitation for Bid page with the revised attached replacement page. Note correction of bid opening day from Tuesday to Thursday. Date of bid opening has not changed.

REVISIONS TO DRAWINGS

ITEM 2: On Drawing E0.00, Electrical Details, General Notes and Legends, **ADD** Manufacturer Visionaire Lighting / Paraflex Lighting (type E) to Lighting Fixture Schedule Note #1.

ITEM 3: On Drawing E0.01 Electrical Details and Abbreviations, **REVISE** notes on detail #2 Telecom New Work Riser Diagram as follows:

- Note at utility pole shall read as follows:

“(2) 4” Conduits up 20’ on existing utility pole (1 conduit base bid, 2nd conduit **Alternate Bid #3**, spare conduit to be capped at grade)”

- Note at conduits below driveway shall read as follows:

“(2) 4”C buried adjacent to roadway from utility pole to main building (2nd conduit is **Alternate Bid #3**)”

- Note below Warming Hut shall read as follows:

“Existing 4”C stubbed out below grade at Warming Hut – Intercept and extend to Golf Club House (**Alternate Bid #4**)

- Note at in-ground pull box adjacent to Golf Club House shall read as follows:

“(1) 4” Conduit buried with pull boxes, minimum every **250 ft (Alternate Bid #4).**”

ITEM 4: On Drawing ELD1.00 Electrical Demolition Plan:

- **DELETE** location of two existing flood lights shown on Ice Rink structure west wall.
- **REVISE** note at Golf Exit Driveway as follows:

“Golf exit lighting and control to be deduct alternate. Under alternate **existing lighting and control is to remain.**”

ITEM 5: On Drawing ES1.00, Electrical Site Lighting New Work Plan, **REVISE** note at Golf Exit Driveway as follows:

“Alternate #2 Golf exit lighting and control to be deduct alternate. Under alternate **existing lighting along exit only driveway and control of existing lighting is to remain.**”

ITEM 6: On Drawing ES1.00, Electrical Site Lighting New Work Plan, **REVISE** panel designation in Electrical New Work General Notes #1 from LP-P to panel **LP3**.

ITEM 7: On Drawing E2.00, Electrical Specifications, **REVISE** 1.3 Alternates, D as follows (subletter ‘a’ of each Alternate to remain unchanged in specifications, unless noted otherwise below):

1. “Alternate 1: Provide light fixtures, required bases, all associated wiring and on/off/timer control for Basketball Courts at locations shown on drawing ES1.00.
Base Bid – No work at existing outdoor Basketball Courts.
2. “Alternate 2: **Base Bid** – Remove existing light fixtures...”
3. “Alternate 3: **Base Bid** – Provide spare 4” conduit adjacent to active...
 - a. Quote the amount of money to be **Deducted** from the base bid for removing the space 4” telecommunications conduit from the project scope.”
4. “Alternate 4: Provide 4” telecommunications conduit from Warming Hut to demark in Club House. **Base Bid – No telecommunications work between Warming Hut and Club House.**

5. “Alternate 5: Provide receptacles at additional lighting poles for Golf Exit Road and Golf Parking Lot. **Base Bid – Provide light fixtures, required bases, all associated wiring and control for Golf Exit Road and Golf Parking Lot as shown on drawing ES1.00.”**

ITEM 8: On Drawing E2.00, Electrical Specifications, **ADD 2.8 – E. Training** as follows:

“Training: Provide a minimum of 8 hours on-site instruction / classroom training session(s) for up to 4 members of the Owner’s maintenance/facilities staff. Instruction / Classroom training shall consist at a minimum:

- a. Troubleshooting of alarm/error messages
- b. Testing procedures
- c. Routine and recommended maintenance
- d. Hands-on instruction on use of any control panels, software, or displays which are needed to operate and maintain the installed system.
- e. Review of functions and features of the system, including features beyond what may be specified.
- f. A full walk-down of the installed work, visually identifying every control panel, wiring hub, power supply, or other critical communication device.

All training shall be provided by the system manufacturer’s personnel directly or an agent of the manufacturer who has been certified by the manufacturer for the installed system. For the first 6 months after project turnover to the Owner, provide unlimited phone support during normal business hours to the Owner or Owner’s agent. Provide 2 site visits in first 6 months to review performance of system and meet with Owner’s personnel. During this time period, provide programming adjustments as needed for system to operate consistent with Owner’s actual use of the lighting.”

END OF ADDENDUM

ATTACHMENTS

Instruction to Bidders – page 3 and 4, Revised September 10, 2020

Invitation for Bids Revised September 10, 2020

Appendix to Addendum – Responses to Contractor Pre-Bid RFI’s

- Responses to Electrical Contractors, Inc (ECI) questions
- Responses to J.E. Shea Electric, Inc questions
- Responses to Industrial Electric Construction (IEC) questions

1. INTRODUCTION

The Town of Simsbury (the "Town") is soliciting bids for Simsbury Farms Recreational Complex Site Lighting Design and Fiber Extension. This Invitation is not a contract offer.

The scope of this project is described more particularly in the Invitation for Bid that is a part of this bid package.

The location, general characteristics and principal details of the work are indicated on drawings which are listed as follows:

<u>SHEET NUMBER</u>	<u>TITLE</u>
1.	ELECTRICAL SITE DEMOLITION PLAN
2.	ELECTRICAL DETAILS GENERAL NOTES AND LEGENDS
3.	ELECTRICAL DETAILS AND ABBREVIATIONS
4.	ELECTRICAL SITE LIGHTING NEW WORK PLAN
5.	ELECTRICAL SPECIFICATION
6.	TELECOM NEW WORK PLAN

The above drawings are the contract drawings, referred to herein as the "Drawings."

Interested parties should submit a bid response in accordance with the requirements and directions set forth in this bid package.

The Town will return unopened any bid received after the date and time of bid opening.

If there are any conflicts between the provisions of these Instructions to Bidders and any other document(s) comprising this bid package, these Instructions to Bidders shall prevail.

2. KEY DATES

Invitation to Bid issued:	August 26 2020
Pre-Bid Conference:	Sept. 9, 2020 @ 9:00 am on site
Bid Opening:	September 17 2020 @ 2:00 pm
Notice of Conditional Award:	September 24, 2020
Contract Execution:	October 8, 2020
Commencement of Work:	October 25, 2020
Substantial Completion:	December 15, 2020 ¹
Final Completion:	Jan. 15, 2021

¹Substantial Completion includes all equipment to be functioning, lawn restoration, and temporary pavement in place, at a minimum. Permanent pavement shall be completed by May 31, 2021 if not completed by the end of the paving season.

3. PROJECT COMPLETION

The contractor is advised that time is of the essence for this project. The Contractor shall provide a detailed work schedule for approval by the Town prior to execution of the Contract. The work schedule shall be updated weekly for the duration of the construction.

a. Project Completion

Work under this contract shall be substantially completed as follows:

All elements of the project shall be substantially completed by December 15, 2020, in order for the Town and public to use the facilities. The Contractor shall be subject to liquidated damages described in Section 8 in the event that work is not substantially complete by this date.

4. CONTINGENCIES

The Town reserves the right to cancel this bid process and any resulting Contract at any time if the Town deems such action to be in its best interests, including but not only if either of the following conditions exists:

- The Town, through changes in its requirements or methods of operation, no longer has a need for the subject matter of this Invitation; or
- The Town is not satisfied with the work under the Contract, or the successful bidder fails to comply with any of the Contract's terms and conditions.

5. OBTAINING BID PACKAGE

The bid package – i.e., each of the documents listed on the page preceding these instructions and collectively referred to as the "Invitation" – may be obtained from ARC Document Solutions Connecticut, 17 Talcott Notch Road, Farmington, Connecticut 06032, Phone: (860) 677-8817.

6. BID SUBMISSION INSTRUCTIONS

Bids must be in the Town office identified above prior to the date and time the first bid is scheduled to be opened publicly. Postmarks prior to the bid opening date and time do **NOT** satisfy this condition. The Town will **NOT** accept corrections and/or modifications received after the first bid is opened publicly. Bids may not be withdrawn after bid opening, and bids must remain in effect for sixty (60) calendar days after bid opening, even if the bidder discovers errors in the bid after opening.

One (1) original bid must be submitted on the accompanying Bid Form and in sealed, opaque envelopes clearly labeled with the bidder's name, the bidder's address, the words "BID DOCUMENTS," and the Bid Title and Bid Opening Date, to prevent opening prior to the bid opening date. The bidder should also complete the following forms and submit as part of the bid submission:

- Disclosures
- Legal Status
- Bid Security
- Non-Collusion Affidavit
- Bidder Qualifications

**INVITATION TO BID
TOWN OF SIMSBURY
{EQUAL OPPORTUNITY EMPLOYER}**

BID NO. 20-07

Simsbury Farms Recreational Complex Site Lighting and Communication Fiber Extension

Simsbury, Connecticut

Sealed bids endorsed "Simsbury Farms Recreational Complex Site Lighting and Communication Fiber Extension, Simsbury, Connecticut" will be received at the office of the Finance Department, 933 Hopmeadow St., Simsbury, Connecticut until Thursday, September 17, 2020, at 2:00 p.m. (EST) at which time they will be opened by the Director of Finance. Bids received after the time set for the opening may be rejected.

This project includes replacement of the existing site lighting including luminaries, poles, pole foundations, electrical service and controls as necessary. Also, included in installation of underground conduit for fiber communication facilities.

A Pre-Bid Site Visit will be held at the site at One Hundred Old Farms Road, Simsbury, CT 06070 on Wednesday, September 9, 2020, at 9:00 a.m. local time.

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 Plan Well. Documents will be available beginning on August 26, 2020. 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

RESPONSE TO: Request for Information

Contractor Name: Electrical Contractors, Inc. (ECI)
RFI Number: Pre-Bid
RFI Issue Date: September 1, 2020
Issue Date: September 11, 2020
Project Name: Town of Simsbury – Simsbury Farms Recreational Complex
Site Lighting and Communication Fiber Extension, Simsbury, CT
Project No.: 2020003.00

ITEM

RESPONSE

- Question: Please clarify the Substantial completion date. The substantial completion date listed in the Key Dates is December 15, 2020 and the date listed in the project completion section is November 16, 2020. Which is accurate?

Response: Substantial completion date is December 15, 2020. November date will be revised in Addendum #1.
- Question: Please Clarify Deduct Alternate #2. It says under this alternate to furnish and install Golf Exit Lighting and controls. Wouldn't this be considered an add?

Response: Work as described in Alternate is Base Bid. Quote shall indicate Deduct amount for not providing material and work noted in Alternate #2 and as shown on plans. Further clarification will be provided in Addendum #1.
- Question: Please clarify Deduct Alternate #3? It says to furnish and install a spare 4" conduit for underground telecommunications. Wouldn't this also be considered an add?

Response: Work as described in Alternate is Base Bid. Quote shall indicate Deduct amount for not providing material and work noted in Alternate #3 and as shown on plans. Further clarification will be provided in Addendum #1.

By: Joel Baker

Date: 9-11-2020

Company: van Zelm Heywood & Shadford, Inc.

RESPONSE TO: Request for Information

Contractor Name: J.E. Shea Electric, Inc.
RFI Number: Pre-Bid
RFI Issue Date: September 3, 2020
Issue Date: September 11, 2020
Project Name: Town of Simsbury – Simsbury Farms Recreational Complex
Site Lighting and Communication Fiber Extension, Simsbury, CT
Project No.: 2020003.00

ITEM

RESPONSE

- Question: There seems to be different between bid form and schedule of alternates listed E2.00. Please confirm Add & Deducts alternates
Response: Drawing E2.00 has been adjusted in Addendum #1 to align with Bid Form.
- Question: Can site lighting from Hubbell Lighting be to Alternate Manufacturers listed on Light Fixture schedule?
Response: We are not providing broad acceptance of a lighting manufacturer. No product information has been provided from Hubbell Lighting. Lighting fixtures shall be based on listed manufacturers.

By: Joel Baker Date: 9-11-2020

Company: van Zelm Heywood & Shadford, Inc.

RESPONSE TO: Request for Information

Contractor Name: Industrial Electric Construction (IEC)
RFI Number: Pre-Bid
RFI Issue Date: September 11, 2020
Issue Date: September 11, 2020
Project Name: Town of Simsbury – Simsbury Farms Recreational Complex
Site Lighting and Communication Fiber Extension, Simsbury, CT
Project No.: 2020003.00

ITEM

RESPONSE

1. Question: Do our trenches need to be backfilled and covered by the end of each day?
Response: Safety of the public is important. The site will remain open to the public during construction. All open trenches shall be backfilled or covered with steel plate at completion of each work day. No open trenches shall remain unattended by the Contractor during construction.
2. Question: On the lights with poles to remain is the concrete base existing to remain as well?
Response: Existing lighting to remain shall maintain its current operation, including concrete base, wiring, and controls.
3. Question: How many days of Owner training would you like for the lighting controls?
Response: Training: Provide a minimum of 8 hours on-site instruction / classroom training session(s) for up to 4 members of the Owner's maintenance/facilities staff. Instruction / Classroom training shall consist at a minimum:
 - a. Troubleshooting of alarm/error messages
 - b. Testing procedures
 - c. Routine and recommended maintenance
 - d. Hands-on instruction on use of any control panels, software, or displays which are needed to operate and maintain the installed system.
 - e. Review of functions and features of the system, including features beyond what may be specified.
 - f. A full walk-down of the installed work, visually identifying every control panel, wiring hub, power supply, or other critical communication device.

All training shall be provided by the system manufacturer's personnel directly or an agent of the manufacturer who has been certified by the manufacturer for the installed system. For the first 6 months after project turnover to the Owner, provide unlimited phone support during normal business hours to the Owner or Owner's agent. Provide 2 site visits in first 6 months to review performance of system and meet with Owner's personnel. During this time period, provide programming adjustments as needed for system to operate consistent with Owner's actual use of the lighting.

4. Question: I assume there is irrigation that could be dug up in this project and won't show up with a CBYD, who's in charge of fixing the irrigation? If so do you have an installer you deal with?
Response: Contractor shall assume there is an irrigation system on the site, but should not be a problem based on Simsbury Parks Department. Coordinate existing irrigation system layout with Owner's staff on site and existing conditions. Repairs to existing irrigation shall be made at the cost to the Contractor. Repairs shall be performed by or made as directed by Owner's selected irrigation vendor.

5. Question: Is there a concern for any soil contamination?
Response: No concern of soil contamination by Engineer. Confirm requirements and direction with Town of Simsbury, Building Department.
6. Question: Do we need to carry money for materials testing?
Response: Site/Civil testing is not required as part of this contract of work. If necessary, Owner will provide testing under separate contract.
7. Question: Is there any of hours work needed for this project?
Response: Project site is located with residential properties nearby. In order to minimize concerns from neighboring properties, excavation and heavy machinery type construction may not begin prior to 7:30am and shall not extend beyond 6:00pm EST.
8. Question: Can we run the communications conduit in the drop ceiling in the golf clubhouse?
Response: Yes, if physically possible. Concealment of conduit is preferred. Coordinate conduit routing with existing conditions in field.
9. Question: Are we responsible for a pull string in existing 4" communications conduit?
Response: New pull strings are required in new conduits.
10. Question: For the removal of conduits for the ice rink wall packs, if the conduit enters the ground can we cap it off above ground or do we have to dig up around the pool back to panel?
Response: Existing conduits serving Ice Rink wall packs may be capped flush with grade. Existing wires shall be removed back to active light fixture(s) or panel, if inactive. Cap conduit with water-tight material.
11. Question: Are we demoing all existing conduits back to panel LP3 or up to exterior building?
Response: Existing below grade conduits shall be removed back to exterior wall of building. Wall penetration may be reused for new services to new light fixtures if suitable. If wall penetration is not reused, provide water-tight plug at exterior wall. Existing wires shall be removed back to active light fixture or panel, if inactive.
12. Question: How are conduits routed in building to panel LP3?
Response: Route new conduits concealed or exposed in non-public type spaces. Proposed routing of new conduits: install conduits into lower level, route to space below panel LP3, and rise to panel on floor above. Coordinate routing of all conduits with existing conditions. Conduits entering into panel LP3 may be installed exposed below panel.
13. Question: How are existing and new conduits to enter main building to get to panel LP3?
Response: Refer to item #11 and 12 responses above.
14. Question: For new conduits that go through islands in the parking lots, are we to just dig carefully to avoid root systems for existing plantings?
Response: Drawings are diagrammatic. Existing plantings are to remain. All means shall be taken to protect existing plantings and their root system. Coordinate conduit routing with existing conditions in field. Location of an existing plant that is unavoidable shall be reviewed by the Owner and/or Engineer in the field prior to start of work.

15. Question: Will an alternate control package from Hubble be approved?
Response: Basis of Design for lighting control system is Luxon-NEDAP. Alternate Manufacturers will be reviewed based on system operation meeting or exceeding design intent and comparison with BOD system. Lighting fixture selection shall be one of the listed manufacturers.
16. Question: On ES1.00 note #1 it says to use panel LP-P1 assume this should say LP-3?
Response: Confirmed, panel reference in note #1, drawing ES1.00, to be panel LP3.
17. Question: Do we have to scan for and mark out all existing conduits to be removed before we start the demolition process?
Response: Scope of demolition to be determined prior to start of demolition work. Marking of existing conduits is preferred method to understanding overall demolition scope. Coordinate marking of existing conditions with Owner.
18. Question: Are the new outlets for ALT #5 just going to be GFCI covered by an in-use cover?
Response: Receptacles and covers shall be per specification 2.5 [2.5-G for cover] on drawing E2.00.
19. Question: Are we grounding and bonding the conduit for the Fiber Optic even though it's empty?
Response: Conduit system for Fiber Optic shall be installed and left ready for installation and activation of new Fiber Optic cabling. Refer to specifications 2.2-D on drawing E2.00.
20. Question: On drawing # E0.01 it shows the 4" conduit entering the building low and running up the wall into the ceiling. Is the wall and ceiling deep enough for a 4" conduit? Can we move the exterior junction box higher and run a straight piece of conduit from the exterior box to the mechanical room and get rid of the LB and wall work? What if the studs are running opposite the way we need them to?
Response: Exposed work on exterior of existing building shall be located low on wall to minimize visibility and maintain appearance of building. Conduits may be routed exposed on interior of wall and painted to match adjacent surfaces. Exposed conduits may be allowed upon field investigation by Contractor and exhausting all avenues to conceal conduits.
21. Question: Will link seals be required for all conduit foundation penetration sealing?
Response: Refer to specifications 1.20 Waterproofing.
22. Question: Is there a specified size for the junction box on the exterior of the building for the fiber? Fire optic has standards to box sizing.
Response: All pull boxes for fiber optic service installation shall be sized according to BICSI standards.

By: Joel Baker

Date: 9-11-2020

Company: van Zelm Heywood & Shadford, Inc.