

Newfield Construction, Inc.

BULLETIN NO. 3.5

Date: December 13, 2018

Dillon Stadium – Phase 3, Hartford, CT

Clarifications

1. **The bid due date is Monday, December 17th, by 2:00 PM at the office of Newfield Construction.**
2. **Bulletin 3.4 Note 3, Revise per Mark Up (in Red) Below: BP Note 02.08 Delete the 3rd and 4th Paragraphs and Replace with:** The base bid requires a minimum average target illumination of 75fc in approximate conformity to NCAA Regional Broadcast Best Lighting Practices for Soccer. The base bid shall provide minimum average target illumination of 75 fc (horizontal) on the entire field and minimum average target illumination of 75 fc (vertical) from the main camera location **utilizing 4 poles as shown on Exhibit A.** The main camera is located on a platform adjacent to the Press Box within twenty feet of the Half Line (center of field).

The Bid Requirements include Add Alternate #3 to increase the structural capacity and/or height of the poles to add fixtures in the future to increase the lighting levels to achieve approximate conformity with the USL standard of 125 fc. The alternate bid shall provide minimum average target illumination of 125 fc (~~or as close as possible utilizing 4 poles~~) (horizontal) on the entire field and minimum average target illumination of 125 fc (~~or as close as possible utilizing four poles~~) (vertical) from the main camera location **utilizing 4 poles as shown on Exhibit A.** The main camera is located on a platform adjacent to the Press Box within twenty feet of the Half Line (center of field). **The Maximum-to-Minimum Uniformity Ratio required for this Alternate shall be: 1.5:1.**

The Bid Requirements include Add Alternate #3A to furnish and install the necessary additional lighting fixtures to achieve approximate conformity with the USL standard of 125 fc. The alternate bid shall provide minimum average target illumination of 125 fc (~~or as close as possible utilizing 4 poles~~) (horizontal) on the entire field and minimum average target illumination of 125 fc (~~or as close as possible utilizing four poles~~) (vertical) from the main camera location **utilizing 4 poles as shown on Exhibit A.** The main camera is located on a platform adjacent to the Press Box within twenty feet of the Half Line (center of field). **The Maximum-to-Minimum Uniformity Ratio required for this Alternate shall be: 1.5:1.** The added cost of the light poles is in Alternate #3 and should not be included in this alternate.

The Bid Requirements include a Deduct Alternate #1 for further reduction of lighting levels to 60 fc (horizontal). **This Alternate shall have two parts. Alternate #1 shall be a reduction to 60 fc (horizontal) using the pole heights and structural capacity required for approximate conformity to the NCAA Regional Broadcast standard as required in**

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the base bid. Alternate #1B shall be to reduce the lighting levels to 60 fc (horizontal) but include pole heights and/or structural capacity required for approximate conformity with the USL standard of 125 fc as indicated in Alternate #3. ~~remain unchanged in order to accommodate for a future upgrade to 125 fc.~~ The Bid Requirements also include a Deduct Alternate #9 which is an Alternate Approach (See Note 02.09 below) to replace fixtures on the existing poles.

3. Section 00 4101 Bid Form, **Delete** and **Replace** with the attached revised Bid Form.

Attachments

1. Section 00 4101 Bid Form, 7 pages.
2. Pre-bid RFI PB-PH3-002, 1 page.

BID PROPOSAL FORM (Rev 12/13/18)

PROPOSAL FOR BID PACKAGE 4.9 Field Lights

DILLON STADIUM
21 VAN DYKE AVE.
HARTFORD, CT 06106

TO: Newfield Construction, Inc.
225 Newfield Avenue
Hartford, CT 06106

PROPOSAL OF: NAME _____
STREET _____
CITY _____

I have received the Bid Documents- Plans, Specifications as outlined in Schedule A and the Project Manual dated November 27, 2018. I acknowledge receipt and examination of the following Bulletins/Addenda numbered and dated as follows:

Bulletin # _____ Dated _____ Bulletin # _____ Dated _____
Bulletin # _____ Dated _____ Bulletin # _____ Dated _____

I have included the provisions of the above Bid Documents and Addenda and Bulletins in my bid. I have examined the bid documents and existing site and familiarized myself/ourselves with the local conditions affecting the cost of the work. I submit the following bid:

I will furnish all labor, materials, tools equipment, transportation and services necessary to perform the work required by the bid documents and will take in full payment therefore the lump sum price including all allowances of:

- A. General Provisions/Rigging _____
 - B. Supply Materials _____
 - C. Installation _____
 - D. Lighting Package/Poles _____
- Total Base Bid (A+B+C+D)** _____

_____ Dollars

\$ _____

Lighting Vendor/Manufacturer: _____

West Side Pole Height _____ ft.

East Side Pole Height _____ ft.

ALTERNATES (All lines must be filled in. For additional costs the alternate value shall be preceded by the word "ADD" (ADD \$xx,xxx.xx). For deduct costs the alternate value shall be preceded by the word "DEDUCT" (DEDUCT \$xx,xxx.xx). If there is no cost impact to your scope of work indicate on the alternate line "NO CHANGE") Blank entries will be construed as no change in value. Alternate bid values shall remain open for acceptance for one hundred twenty days from the date bids are opened.

- A. **Deduct Alternate No. 1: Reduction from 75 fc to 60 fc (horizontal) using pole heights and structural capacity required in the base bid.**

_____ Dollars

\$ _____

- B. **Alternate No. 1A: Reduction from 75 fc to 60 fc (horizontal) using pole heights and structural capacity required for approximate conformity with the USL Standard of 125 fc as indicated in Alternate #3.**

_____ Dollars

\$ _____

- C. **Alternate No. 2 (Optional): Supply and Install Security and Seating Luminaires (AA1).**

_____ Dollars

\$ _____

- D. **Alternate No. 3: Increase the structural capacity and/or height of the poles to add fixtures in the future to increase the lighting levels to achieve approximate conformity with the USL standard of 125 fc.**

_____ Dollars

\$ _____

West Side Pole Height _____ ft.

East Side Pole Height _____ ft.

- E. **Alternate No. 3A: Furnish and install the necessary additional lighting fixtures (on poles and at lighting levels indicated above in Alt. No. 3) to achieve approximate conformity with the USL standard of 125 fc.**

_____ Dollars

\$ _____

F. Alternate No. 4 (Optional): Relocate West Side Light Pole Foundations

Required Pole Height _____ ft.

_____ Dollars

\$ _____

G. Alternate No. 5 (Optional): Relocate East Side Light Pole Foundations

Required Pole Height _____ ft.

_____ Dollars

\$ _____

H. Alternate No. 6: Add installation labor and equipment (includes lift(s)) to the base bid warranty.

_____ Dollars

\$ _____

I. Alternate No. 7: Extend the Base Bid Warrantee period to 25 years. This extended Base Bid Warrantee shall be for replacement parts only.

_____ Dollars

\$ _____

J. Alternate No. 8: Add installation labor and equipment (includes lift(s)) to the base bid warranty and extend the Warrantee period to 25 years.

_____ Dollars

\$ _____

K. Alternate No. 9: Alternate Approach – Replace Existing Luminaires on Existing Poles. Provide a bid price including engineering, photometric analysis, removal of existing scaffolding and fixtures on the existing poles and replace them with new LED fixtures. The new fixtures must not exceed the gravity and wind loads of the existing scaffolding and fixtures.

_____ Dollars

\$ _____

Expected Average Horizontal fc _____

Alternate Approach Alternate #1 (Optional), Pole Recertification _____

L. Alternate No. 10 (Optional): Provide Light Pole Foundations

_____ Dollars

\$ _____

In submitting this bid, I agree as follows:

- 1 - To hold open my bid for ninety (90) days after bid opening date. Alternate bids shall be held open for one hundred twenty (120) days after bid opening date.
- 2 - To enter into and execute a contract, if awarded on the basis of this bid, according to the contract form listed in the Project Manual.
- 3 - To deliver properly executed Performance/Labor and Material Bonds, if required, as described in the Instructions at the time of execution of the contract. The amount of the premiums for the subject bonds is included in the lump sum price above.
- 4 - To accomplish the work in accordance with the contract documents.
- 5 - To begin work within 1 calendar day of official notice of acceptance of bid or execution of contract, whichever is first. No on site mobilization will be permitted until the contract has been executed.
- 6 - To substantially complete the work per the Construction Schedule. Time is of the essence.

By submission of this bid, each Bidder and each person signing on behalf of any Bidder certifies, and in case of a joint bid, each party thereto certifies, as to its own organization, under penalty of perjury, that to the best of its knowledge and belief:

- A.) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor.
- B.) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to opening, directly or indirectly, to any other Bidder or to any competitor.
- C.) No attempt has been made or will be made by the Bidder to induce any other person, partnership, or corporation to submit or not submit a bid for the purpose of restricting competition.

The Bidder, by submittal of this BID, agrees with the Owner that the amount of the bid security deposited with this BID fairly and reasonably represents the amount of damages the Owner will suffer due to the failure of the bidder to fulfill his agreements as above provided:

(Firm Name)

By _____
(Signature and Title of Authorized Representative)

**DILLON STADIUM
21 VAN DYKE AVE.
HARTFORD, CONNECTICUT**

(Printed Name and Title of Authorized Representative)

(Business Address)

(City and State)

Date: _____ Email: _____

Telephone No. _____

The bidder is (circle one):

1. Corporation, licensed in the State of _____
2. Partnership
3. Individual
4. Limited Liability Corporation
5. Limited Liability Partnership

Note:

If the bidder is a corporation affix corporate seal and give below the names of its President, Treasurer, and General Manager, if any; if a partnership, give full names and residential addresses of all partners; and if an individual, give residential address if different from business address.

(Printed Name of President (corporation), Partner or Individual, Managing Partner)

(Address)

(City and State)

(Printed Name of Treasurer (corporation) or Partner)

(Address)

(City and State)

(Printed Name of General Manager (corporation) or Partner)

(Address)

(City and State)

Attachment 1

Project Experience

Qualifying Projects of equal size and value for Prime Bidder:

1. Project: _____
Value: _____ Date Completed: _____
Owner/CM or GC Contact: _____
2. Project: _____
Value: _____ Date Completed: _____
Owner/CM or GC Contact: _____
3. Project: _____
Value: _____ Date Completed: _____
Owner/CM or GC Contact: _____

Qualifying Projects for Lighting Vendor that represent the Vendor's experience providing and installing Field Lighting for professional level stadiums.

1. Project: _____
Value: _____ Date Completed: _____
Owner/CM or GC Contact: _____
2. Project: _____
Value: _____ Date Completed: _____
Owner/CM or GC Contact: _____
3. Project: _____
Value: _____ Date Completed: _____
Owner/CM or GC Contact: _____
4. Project: _____
Value: _____ Date Completed: _____
Owner/CM or GC Contact: _____

5. Project: _____

Value: _____ Date Completed: _____

Owner/CM or GC Contact: _____

Asked By: Alex DAgostino (Newfield Construction, Inc.)

Date: Wed Dec 12, 2018 at 03:15 pm EST

Question:

1. To date the specifications have talked about the quantity of light, but not the quality. Per the NCAA Best Lighting Practices, the uniformity should be 2.0:1 on a horizontal plane and 2.0:1 to the main camera. If Best Practices aren't provided as part of the bid documents, the specifier should make this clarification. Lighting is a science and there is no need for "as close as possible".

Uniformity is specified in Specification Section 265668 (11/16/18 revision), Part 2.2.C.3 "Maximum-to-Minimum Uniformity Ratio: 2.0:1"

2. The USL standard is not 125 footcandles and their uniformity ratios are tighter than NCAA Best Practices, so the mixing of these standards provides conflicting data.

See Paragraphs 3 & 4 of Note 02.08 in Bid Package 002400, Bid Package Notes as revised in this Bulletin.

3. If the performance level goes up to 125 footcandles, how does the spill light requirement get adjusted, as it was previously based on 75 footcandles.

The spill light requirements indicated in Specification Section 265668 Parts 1.4.E.3, 2.2.D, 2.3.A, 3.7.B & 3.7.D (11/16/18 revision) apply to Alternate #3.

4. If the LED drivers are now located at the top of the poles, there should be platforms to allow for access to work on the fixtures.

If not, the owner will be mandated to provide crane access for even the slightest repair. Not only crane access, but coordination with facility staff to ensure the facility is closed during this time. Also, since the warranty may mandate the owner removes the fixture, ships it back to the manufacturer, and then has to re-install, the City will want to have access vs. paying for the crane over and over again.

This potential issue is covered in the Warranty Alternates defined in Specification Section 265668 Parts 1.9 and 1.10 (11/16/18 revision).