

# CITY OF NEWTON, MASSACHUSETTS

## PURCHASING DEPARTMENT

[purchasing@newtonma.gov](mailto:purchasing@newtonma.gov)

Fax (617) 796-1227

September 6, 2016

## ADDENDUM #2

### INVITATION FOR BID #17-09

## NEWTON HIGHLANDS PLAYGROUND REHABILITATION

THIS ADDENDUM IS TO: **Answer the following Questions:**

Q1. Where is the lead paint to be removed located? Please clarify.

**A1. Lead paint is located in both the trailer and concrete building. Refer to the Sample Report Summary provided in Appendix B of the project manual for building-specific locations.**

Q2. Are the pavement markings paint or thermoplastic?

**A2. Pavement markings shall be thermoplastic.**

Q3. Are the handrails constructed of stainless steel pipe (See detail 1/L7.08) or schedule 40 galvanized pipe (see spec 05000 section 2.01)

**A3. Handrails shall be stainless steel pipe. Delete any reference to schedule 40 galvanized pipe handrails.**

Q4. Who is responsible for the NPDES permit? Spec 00890 says the owner is responsible for the NPDES as well as the other permits listed under section 1.03A. Has a SWPPP been created for the project?

**A4. The Contractor will be responsible for filing and obtaining the NPDES permit and creating a SWPPP.**

Q5. What size are the water and sewer mains that we will be connecting to?

**A5. The water main on Winchester Street is a 20-inch line. The Sewer main on Upland Avenue Extension is an 8-inch line.**

Q6. Are there City Standard Park Signs at each entrance or just at the one Winchester Street entrance as noted on drawing L-3.01?

**A6. The City Standard Park Sign shall be fabricated, furnished and installed at a single Winchester Street park entrance.**

Q7. The backstop detail shows a backstop that measures 83.73 ft. long while Drawing L-3.02 measures 54' long. Please clarify

**A7. The backstop shall be a total length of 54 feet.**

Q8. Sheet L2.00 depicts a hatched area making note to strip and stockpile the existing topsoil within this area. This omits many areas of existing topsoil that are not called out to be stripped (most noticeably half of the proposed football field and majority of the proposed baseball field) Addendum #1 noted that the contractor could fill directly on top of existing topsoil in landscaped areas. Please confirm if the proposed football field and baseball field are considered landscaped areas or if all existing topsoil within this area needs to be stripped as well.

**A8. All topsoil located within the confines of the proposed multi-purpose rectangular field and baseball field shall be stripped and stockpiled.**

Q9. The depth of topsoil in the borings and the test pit data provided vary significantly. Can the Engineer provide an average depth of existing topsoil for purposes of bidding?

**A9. Topsoil depths contained within the boring and test pit logs are included for information purposes. We are unable to provide an average depth of existing topsoil.**

Q10. Are we to carry stainless steel handrails or is there another type of finish desired?

**A10. See response to Question 3 above.**

Q11. Is the granite curb at the parking lot to have a thermal finish on the top as shown on detail 3/L7.03?

**A11. Granite curb at the parking lot shall have a thermal finish on the top.**

Q12. What is the source basis of bid for the stone shown in the picture in section 04050?

**A12. Stone shall be sourced from Swenson Granite, 10 Main Street, Route 109, Medway, MA (508)-533-2882, or any other Swenson Granite location as required, or approved equal.**

Q13. What is the source basis of bid manufacturer/supplier for the cast aluminum sign?

**A13. Manufacturer for cast aluminum sign shall be Impact Signs, Inc. 26 E. Burlington Ave, LaGrange, IL 60525, (708) 469-7178, or approved equal.**

All other terms and conditions of this bid remain unchanged.

**PLEASE ENSURE THAT YOU ACKNOWLEDGE ALL ADDENDA ON YOUR  
BID FORM. FAILURE TO ACKNOWLEDGE ALL ADDENDA COULD  
RESULT IN REJECTION OF YOUR BID AS NONRESPONSIVE.**

Thank you.



Nicholas Read  
*Chief Procurement Officer*

# CITY OF NEWTON, MASSACHUSETTS

## PURCHASING DEPARTMENT

[purchasing@newtonma.gov](mailto:purchasing@newtonma.gov)

Fax (617) 796-1227

August 31, 2016

## ADDENDUM #1

### INVITATION FOR BID #17-09

### NEWTON HIGHLANDS PLAYGROUND REHABILITATION

THIS ADDENDUM IS TO: **Provide clarifications to the Contract Drawings and Specifications and to respond to questions that have been submitted in writing in accordance with the stipulated bidding requirements:**

#### WRITTEN CHANGES TO THE DRAWINGS:

- Sheet E1.00- ELECTRICAL LEGEND, GENERAL NOTES, AND DETAILS

1. In GENERAL ELECTRICAL NOTES, #6, DELETE:

#2096682 and REPLACE with #2162535

- Sheet E1.01- ELECTRICAL SITE PLAN

1. DELETE:

Callout referencing “CONCESSION BUILDING”.

2. REVISE notes #2, 3 and 4 to read as follows:

Note 2. BASE BID SHALL INCLUDE THE NEW INCOMING ELECTRICAL SERVICE, **SCOREBOARDS**, ELECTRICAL CABINET WITH ALL ASSOCIATED EQUIPMENT WITHIN THE CABINET AS SHOWN ON ELECTRICAL DRAWINGS E100 AND E102 EXCEPT FOR THE MUSCO LIGHTING CONTROL CABINET (PART OF BID ALTERNATE 2) AND ALL HANDHOLES AND EMPTY CONDUIT WITH PULL STRINGS AT EACH LIGHT LOCATION AND **FUTURE** BUILDING LOCATION FOR FUTURE SPORTS LIGHTING, ~~SCOREBOARDS~~ AND CONCESSION BUILDING.

Note 3. BID ALTERNATE 2 SHALL INCLUDE MUSCO LIGHTING, CONTROL CABINET MOUNTED WITHIN ELECTRICAL ENCLOSURE, AND ALL WIRING FOR THE BASEBALL FIELD LIGHTING ~~AND SCOREBOARD~~.

Note 4. BID ALTERNATE 3 SHALL INCLUDE **MUSCO LIGHTING, AND** ALL WIRING FOR THE FOOTBALL FIELD LIGHTING ~~AND SCOREBOARD~~, PLUS ALL TERMINATIONS WITHIN THE ELECTRICAL ENCLOSURE.

- Sheet I1.01- IRRIGATION DETAILS

1. REVISE callout on Detail 1- AUTOMATIC CONTROLLER to read as follows:

AUTOMATIC CONTROLLER MOUNT ON ~~BUILDING WALL~~ GALVANIZED UNISTRUT POST, 4' HT.

- Sheet L5.00 - OVERALL SITE UTILITIES PLAN

1. In regard to the Drainage Structure Schedule, Drain Manhole #1, DELETE the reference to INV. (d).

- Sheet L7.02 – CONSTRUCTION DETAILS

1. In regard to Detail 3 “Field Drainage Details” note that the width of the trench containing the 2 inch HDPE Perforated Pipe shall be 6 inches.

**WRITTEN CHANGES TO THE SPECIFICATIONS:**

- SECTION 16526 – EXTERIOR ATHLETIC LIGHTING

1. DELETE:

All references to a 25-year warranty and 25-year life-cycle cost in Section 16526- EXTERIOR ATHLETIC LIGHTING:

And REPLACE with:

10-year warranty or 10-year life-cycle cost, where appropriate.

2. DELETE:

‘Section 1.02 Lighting Performance’ in its entirety.

And REPLACE with:

1.02 LIGHTING PERFORMANCE

- A. Illumination Levels and Design Factors: Playing surfaces shall be lit to an average target illumination level and uniformity as specified in the chart below. Lighting calculations shall be developed and field measurements taken on the grid spacing with the minimum number of grid points specified below. Appropriate light loss factors shall be applied and submitted for the basis of design. Average illumination level shall be measured in accordance with the IESNA LM-5-04 (IESNA Guide for Photometric Measurements of Area and Sports Lighting Installations). Illumination levels shall not to drop below desired target values in accordance to IES RP-6-15, Page 2, Maintained Average Illuminance and shall be guaranteed for the full warranty period.

Area of Lighting	Average Target Illumination Levels	Maximum to Minimum Uniformity Ratio	Grid Points	Grid Spacing
Softball Field	Infield: 50 footcandles Outfield: 30 footcandles	2.0:1 2.5:1	25 77	20' x 20'
Football Field	50 footcandles	2.0:1	72	30' x 30'

B. Hours of usage: Designs shall be based on the following hours of usage

Area of Lighting	Annual Usage Hours	10 year Usage Hours
Softball Field	300	3000
Football Field	500	5000

Color: The lighting system shall have a minimum color.

C. Mounting Heights: To ensure proper aiming angles for reduced glare and to provide better playability, minimum mounting heights shall be as described below. Higher mounting heights may be required based on the photometric report and ability to ensure the top of the field angle is a minimum of 10 degrees below horizontal.

# of Poles	Pole Designation	Pole Height
2	A1 – A2	60'
6	B1- B2 F1-F4	70'

3. Revise section 2.02 ELECTRICAL, Paragraph A, subsection 2, to read as follows:

2. Maximum total voltage drop: Voltage drop to the disconnect switch located on the poles shall not exceed ~~three (3)~~ **five (5)** percent of the rated voltage.

4. REVISE section 2.02 ELECTRICAL, Paragraph B to read as follows.

A. Energy Consumption: The average kW consumption for the field lighting system shall be 61.8 kW for LED fixtures. ~~in Lighting Method 1. Lighting Method 2 kW will be defined in Life Cycle calculation chart (1.4) using a RLLF of .65.~~

5. DELETE: Section 2.02 ELECTRICAL, Paragraph C, in its entirety.

6. Section 02911 cross references Appendix E erroneously in several places. The cross reference should be to Appendix D Field Preparation and Soil Amendment Guidelines.

## QUESTIONS AND CLARIFICATIONS:

Q1. Is the well hooked up?

**A1. No, the Contractor shall install the well pump and all required appurtenances per the irrigation plans.**

Q2. Will the current parking area be available for parking during the project?

**A2. The Contractor may use the parking spaces immediately adjacent to the existing tennis courts as these are located within the confines of the park proper. All other parking shall remain open and available to the public for the duration, accept and/or unless specific authorization is granted in relation to a certain aspect of required work.**

Q3. Will the City waive connection fees for water and sewer?

**A3. Yes, the City of Newton will waive these fees.**

Q4. How will electrical service be brought to the site?

**A4. The contractor shall be responsible for the trenching and the conduit installation from the pad mounted transformer to the utility riser pole. The Contractor shall also bring the conduit up the pole to 10' above grade. The utility will pull the cable and make the terminations at each end. The contractor shall be responsible for the installation of the concrete pad at the transformer location and the installation of secondary conduit and wiring from the utility pad mounted transformer to the electrical cabinet. The Contractor shall coordinate the entire incoming electrical service with Eversource.**

**The Contractor shall be required to pay the electrical service backcharge from Eversource. Since a final price has yet to be negotiated, the Contractor is advised that a \$10,000 allowance shall be carried in the bid with an adjustment (up or down) to be confirmed and determined at a later date.**

Q5. Are there restrictions on the hours that the contractor can work?

**A5. The Contractor shall be permitted to work between the hours of 7 AM and 5 PM Monday through Friday and between the hours of 8 AM and 5 PM on Saturdays. Special permission for work outside of these windows of time may be permitted at the discretion of the City Engineer.**

Q6. There are no infield mix material specs, are there?

**A6. Clay infield mix shall be "Duraedge Classic" by Read Custom Soils or approved equal.**

Q7. There are no warning track material specs, are there?

**A7. Warning track mix shall be a crushed aggregate/stonedust crimson red blend as supplied by Read Custom Soils or approved equal.**

Q8. Detail 3 L7.06 refers to Nevco and specs refer to Daktronics, which one is it?

**A8. Scoreboards shall be Daktronics, or approved equal.**

Q9. Is there a concrete footing required for masonry walls and piers? Detail shows only a gravel base.

**A9. There is no concrete footing required for masonry walls and piers.**

Q10. Please clarify- In the Specifications Section 2.03 they mention cement concrete for footings shall be in conformance with section 9.01 but in the prints they only show stone below grade.

**A10. Refer to the answer A9.**

Q11. Who is responsible for additional hazardous material sampling when the building is demolished?

**A11. Per the specifications, the Contractor shall own and shall be responsible for any/all additional hazardous material sampling as required by the specifications for the building demolition.**

Q12. Has there been a cut/fill done for the grading? Are we assuming that Weston & Sampson has balanced the site?

**A12. It is not a balanced site and in Weston & Sampson's estimation a considerable amount of fill will be required in order to achieve the required improvements.**

Q13. Appendix D section on weeding refers to "Needham zero pesticide use policy"

**A13. Ignore the reference to the "Needham zero pesticide use policy".**

Q14. Appendix D seems to specify a specific list of equipment that the contractor must use. This seems to state means and methods. We are understanding what the finish product must be for the rootzone mix, how we get there is up to us. Please clarify.

**A14. Section 02911 Root Zone Mix Preparation & Bleccavation and the related Appendix D identify approaches to the construction of the sports fields including the types of equipment, that if used properly by qualified personnel, are known to have achieved desired results. The**

**intention of the Specifications is to describe the desired conditions of high performing sports fields that are to be attained at the completion of the project. Processes involving bleavation and the use of low pressure tired vehicles are typical parts of a successful athletic field construction process. The Specifications describe multiple approaches and ultimately the means for performing the work shall be at the Contractor's discretion subject to the approval of the City of Newton and their representatives.**

**Also in Section 02911 Root Zone Mix Preparation & Bleavation, DELETE the final sentence Under 1.01 SCOPE OF WORK, Paragraph E that states "The bleavation technique, however, seems to be the most efficient process".**

Q15. Spec section 02911 Section 3.02a states that 2" of sand/compost mix shall be placed. Is that based on the previous spec section?

**A15. A 3 inch depth of sand will be required for root zone amendment.**

Q16. Sheets L5.01-L5.03 show us grading within the tree protection? If we are filling or cutting in these areas why are we protecting the trees? Are we responsibly if these cutting and filling operations on the plan kill the tree?

**A16. Tree protection is required to protect trees from damage and compaction from everyday construction activity. Work within driplines of trees shall be done by hand to the extent possible or by other means if satisfactory to project representatives, with specific approval in this regard required.**

Q17. Sheet L2.00 shows in a hatch area to strip and stockpile and some areas that are to be redone don't have a hatch is there a reason why?

**A17. The Contractor may fill directly above existing topsoil to remain in place, under and within proposed landscaped areas.**

All other terms and conditions of this bid remain unchanged.

**PLEASE ENSURE THAT YOU ACKNOWLEDGE ALL ADDENDA ON YOUR  
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