



# CITY OF SALEM, MASSACHUSETTS

## Construction of Furlong Park BID #K-56

### **ADDENDUM #1**

July 15, 2009

**The following alterations have been made to the specifications and plans for the redevelopment of Furlong Park. See Attachment A for specification information:**

**Alteration 1:**

The 10-ft height 80-foot long section of chain link fence between the baseball field and the tot lot shall be extended to approximately 16 feet in height by the addition of mesh netting at the top of the fence. See **Attachment A**.

**Alteration 2:**

The precast concrete curbing specified for the tot lot sandbox edging shall be substituted with stackable rubber timbers. See **Attachment A**.

**Alteration 3:**

An ADA accessible bucket swing shall replace one of the existing bucket swings. See **Attachment A**.

**The questions below were raised at the pre-bid meeting held on July 8 at 10 am at 120 Washington Street, Salem.**

**Question 1:**

Is a sign required during construction (typically a 4' X 6' sign stating that the park is under construction)?

**Answer 1:**

At this time there is no construction sign required.

**Question 2:**

Where is the temporary construction fence to be located?

**Answer 2:**

The temporary construction fence is to be located along Franklin Street and along the southern end of the baseball field in order to protect the existing trees. Please refer to

the construction fence line work (symbol shown in legend) on Sheet L-1, Site Preparation and Demolition Plan.

**Question 3:**

Please explain the details relating to the play equipment; is all of it to be relocated? Which pieces are to be refurbished?

**Answer 3:**

Portions of the existing play structures will be relocated. Some sections will be entirely disassembled, rehabbed and reconfigured. Other elements will remain in place to which components will be added. Please refer to specification Section 11 6813, Playground Equipment, which contains a Columbia Cascade Timberform-2 budget estimate with a materials list as well for more specifics on materials and installation. In general, all wooden timbers of the play equipment are to be replaced, if necessary, or refurbished, including sanding and sealing. All existing wood posts and plastic components shall be power washed to remove graffiti and debris. Selected metal components shall be removed and sent out for re-powdering to match a specified blue color.

See Sheet L-4, 5-12-Year Old Play Unit Plan, and L-5, 2-5-Year Old Play Unit Plan, for specifics on the new layout of the two play units. Refer to Sheet L-2, Materials Plan, to quickly see what proportion of the play equipment remains in place, shifts slightly or is relocated and reconfigured. Light gray line work represents existing play equipment in its existing location. Black line work portrays those parts that will either stay in place, be relocated or new components.

**Question 4:**

Do all metal pieces of the play equipment need to be sent out for repainting?

**Answer 4:**

Selected metal components need to be sent out for re-powdering. See specification Section 11 6813, Playground Equipment, and the plans for details. Any metal components that are not already blue shall be re-powdered. Any metal components that are already blue and are in good condition shall remain in place or be reused at the discretion of the Landscape Architect.

**Question 5:**

Is the play area going to be re-graded?

**Answer 5:**

Yes, the tot lot area shall be re-graded per the Grading Plan, Sheet L-6. In general, the synthetic resilient surfacing under the two play units shall pitch toward the wood fiber mulch in the relocated existing swings area. See the detail sheets for surfacing depths and refer to specification Section 32 1816, Synthetic Resilient Surfacing and specification Section 32 1817, Wood Fiber Mulch For Play Areas, for more material and installation requirements.

**Question 6:**

Will the landscape architect review the layout of the synthetic resilient surfacing under the play structure before it is installed?

**Answer 6:**

In addition to the hard copy of the plans and details already provided, the landscape architect will provide an electronic AutoCAD drawing to the contractor for layout purposes for the synthetic resilient surfacing, as well as other layout elements.

**Question 7:**

What is the purpose of the plug in the tennis courts?

**Answer 7:**

The neighborhood desired the option for a multi-use court and the plug allows for the nets to be removed and the court to be used for other purposes.

**Question 8:**

Is the contractor responsible for the components associated with the Furlong Park entry sign with boulder and the interpretive signage?

**Answer 8:**

Yes. The City of Salem will provide and deliver the salvaged granite entry posts and salvaged granite blocks and boulders to the site, but the contractor shall be responsible for locating the granite pieces and boulders to the appropriate locations on site per the plans and details. The contractor is also responsible for assembling all sign components including cutting grooves into the granite posts for the interpretive signs and coring a hole for the Furlong Park entry sign.

**Question 9:**

Who will provide the boulders?

**Answer 9:**

The City of Salem will provide the boulders and will deliver them to Furlong Park.

**Question 10:**

What are the specs for the rip rap along the shoreline?

**Answer 10:**

The contractor is expected carefully excavate behind the existing embankment, install filter fabric, and use what currently exists on site and use large stones to fill voids. Please refer to Section 31 3700 Shoreline Stabilization. No work is to occur beyond tidal location elevation 4.5.

**Question 11:**

What is the depth and width of the material to be placed behind the riprap shown on detail 2/C-3?

**Answer 11:**

The contractor should presume that the bank run fill materials will cover an average of 3ft by 4ft along the full length of riprap slope repair - roughly 475lf.

**Question 12:**

On Plan L-2 what is the white area?

**Answer 12:**

See Sheet L-1, Site Preparation and Demolition Plan. for the “white area” in question, just to the east of the existing tot lot. The plan shows the area is outlined by a turf protection fence symbol (see legend). All areas designated in this manner are “no disturb zones”. The intent is to preserve as much of the original turf and soils as possible. If the area is disturbed by the contractor, the contractor shall be required to replace it in-kind at no cost to the city. See Section 02 4113, Selective Site Demolition, and Section 32 9200, Turf and Grasses, for more information on the protection fencing and overseeding protected areas.

**Question 13:**

How is the baseball field to be re-graded?

**Answer 13:**

See the Grading Plan, Sheet L-6, for all grading layout information including the baseball field. Refer to specification sections 31 1100, Clearing and Grubbing; 31 1413, Soil Stripping and Stockpiling; and 31 2300, Excavation & Filling, for more information on grading. The goal is to utilize as much fill and soil material from on-site, provided they meet the specification requirements, as possible to raise the grade of the baseball field. In general, most of the field pitches toward the river with the new pitcher’s mound being the highest spot grade on the field and right field having the lowest elevation.

**Question 14:**

Is the park going to be irrigated?

**Answer 14:**

Nothing on the site will be permanently irrigated. The contractor shall be responsible for keeping all turf and other plant material watered during construction. The contractor will have access to a fire hydrant located near the park as designated by a City representative. It will be the responsibility of the contractor to coordinate with the City for use of the hydrant. The contractor shall allow at least two weeks for this coordination.

**Question 15:**

Has the City talked with the manufacturer of the porcelain signs?

**Answer 15:**

No. Early on in the construction phase, the Landscape Architect will provide an electronic Adobe Illustrator file for use by the contractor and approved fabrication facility. It is the contractor's responsibility to find a qualified manufacturer. See the plans and details as well as Section 10 1400, Park Signage, for more information on materials and installation.

**Question 16:**

What is the final date the city will accept questions?

**Answer 16:**

The City will accept questions up to July 17, 2009.

**JULY 15, 2009**

**ATTACHMENT A for ADDENDUM No. 1**

**REHABILITATION OF FURLONG PARK  
FRANKLIN STREET, SALEM, MA  
BID #K-56  
CITY OF SALEM MASSACHUSETTS  
Carol R. Johnson Associates  
Camp Dresser & McKee**

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Note: This document comprises ATTACHMENT A for Addendum No. 1 to the Contract Documents. This Addendum adds to, deletes from, clarifies, or alters the original Drawings and Specifications, prepared by Carol R. Johnson Associates and Camp Dresser & McKee. Information contained herein is to be used for bidding and shall be considered a part of the General Conditions and Special Conditions for Construction in total. Additional costs for items missed in this addendum shall not be accepted for failing to include said work.

**Corrections/Clarifications to Contract Documents as listed below:**

**Supplementing Section 32 3113, CHAIN LINK FENCE  
Changes to Materials and Installation:**

**Sheet L-2: Chain Link Fence, 80-foot length, 10-foot height between Baseball Field and Tot Lot**

**1.01 MESH EXTENTION MATERIALS**

- A. General: Increase effective height of fence from 10 feet to 16 feet by use of nylon netting mounted on extended fence posts and located above chain link fence mesh.
- B. Reference made herein to chain link end and line posts, chain link fence fabric and mesh, framework, ties and all appurtenances shall be in full conformance with the requirements of Section 32 3113, CHAIN LINK FENCE, of the Specifications.
- C. Length of 10-foot height fence section shown on Sheet L-2 is 80 linear feet. Under the work of this Addendum No. 1, overall length of chain link fence and nylon mesh extension shall remain 80 linear feet.
- D. Delete 10-foot height 2.875-inch O.D. end posts (2 total) and substitute 16-foot height 4.00-inch O.D. end posts (2 total), 6.56 pounds per linear foot.
- E. Delete every other 10-foot height 2.375-inch O.D. line posts (3 total) and substitute 16-foot height 2.875-inch O.D. line posts (3 total), 3.12 pounds per linear foot.

- F. Retain all 10-foot height chain link fence fabric as shown on the Sheet L-2. Provide nylon netting to extend effective height of the fence barrier in this location only. Nylon netting shall be as follows:
1. Provide nylon safety netting in single 8-foot x 80-foot panel, with border rope on all sides of nylon safety netting.
  2. Nylon safety netting shall be constructed of twisted-knotted Type 66-728 Nylon, dyed black and bonded, UV Stabilized as manufactured by DuPont or approved alternative equal.
  3. The mesh shall be of a diamond cut arrangement with 1-3/4 inch openings, twine thickness #21 with break strength equal to 964 pounds per 4 twines per mesh.
  4. Provide 5/16 inch braided Dacron (or approved equal) rope (3200 lb./test), woven through border meshes & sewn-into place with nylon twine.
- G. Hardware Fittings and Miscellaneous Materials
1. Snap Hooks: 5/16 inch 314 Stainless Steel Snap-Hooks with Spring Loaded Latch
  2. Turnbuckles: 3/8 inch 314 Stainless Steel
  3. Swages: Stainless Steel Oval sized for specified cable
  4. Bolts and Nuts: Bolts and nuts shall be in accordance with ASTM A 307 Grade A.
  5. Clamps: stainless steel screw-type, 9/16-inch worm gear hose clamp. Stainless steel as follows: 410 screw, 201/301 band and housing.
  6. Cable: 7x7 SSAC Type 316, 0.25 inch diameter

## 1.02 MESH EXTENSION INSTALLATION

- A. 5/16-inch Dacron rope shall be threaded and firmly attached to four sides of 8 foot x 80 foot mesh panel.
- B. Attach 5/16-inch stainless steel snap-hooks to 16-foot height end posts and alternating line posts using stainless steel hose clamps at 16-foot +/- heights and at 9-foot heights all end and line posts.
- C. In a spiral fashion thread the stainless steel cables top and bottom through the 5/16 inch Dacron rope top and bottom to ensure no droop or sag between mesh and cable.
- D. Thread bottom cable through chain link mesh at approximate 5-foot centers.
- E. Connect stainless steel cables to snap-hooks at 16-foot and 9-foot heights. Connect cable to snap hooks using swagged loops and thimbles as required.
- F. Provide stainless steel turnbuckles in line of top cable and bottom cable to tension

cables.

- G. Attach Dacron rope at vertical edges of mesh to chain link fence end posts using approved hose clamps and snap-hooks at 12 inches on center.

**Supplementing Section 32 1600, CONCRETE CURB**  
**Changes to Materials and Installation:**

**Sheet L-2: Concrete Curb around Sand Box**

**1.01 STACKABLE RUBBER TIMBERS - MATERIALS**

- A. Delete concrete curb around sand box and replace with stackable rubber timbers.
- B. Stackable rubber timbers shall be manufactured from recycled rubber tires
- C. Timbers shall be 6 inches x 7 inches in minimum 6-foot lengths. Timbers shall be designed to stack in a nesting fashion to create a full height of no less than 18 inches.
- D. Timbers shall be supplied by Close the Loop, LLC, RR4 Box 4282, Kunkletown, PA 18058, 1.866.240.9172, FAX: 570.213.4254 or approved equal.

**1.02 STACKABLE RUBBER TIMBER – INSTALLATION**

- A. Install in accordance with the requirements of concrete curb as described in Section 32 1600, CONCRETE CURB, with the following additions:
  - 1. Stagger vertical joints between tiers of rubber timbers minimum 36 inches.
  - 2. At inside corner of sand box miter cut rubber timbers to 45 degree angle. Leave no frayed edges after cutting.
  - 3. Provide a smooth, flush connection where surrounding concrete pavement abuts rubber timber. Shave, cut or otherwise remove edges and male projection that might cause tripping hazards or reduce water flow from pavement into sand box.
  - 4. Secure timbers into subsoil and adjacent subgrade below pavement using tie backs and staking as recommended by manufacturer and as approved in the field by the Landscape Architect.
  - 5. Install stacked rubber timbers vertical, straight and true.

**Changes to Materials and Installation:**

**Sheet L-2: Provide ADA Accessible Swing to Relocated Swing Set**

**1.02 ADA ACCESSIBLE SWING - MATERIALS**

- A. ADA Swing shall be molded plastic bucket swing, with molded plastic harness

(Item # 4013318514) as supplied by Abilitations, 3155 Northwoods Pkwy  
Norcross, GA 30071, Phone Number: 800-850-8602 770-449-5700, Fax Number:  
800-845-1535, or approved equal.

**1.02 ADA SWING INSTALLATION**

- A. Discard one existing swing seat and chain.
- B. Install ADA Swing as directed by manufacturer.