

ADDENDUM NO. 2

TO

**CITY OF SOUTH PORTLAND, MAINE
MILL CREEK PARK IMPROVEMENTS**

BID #21-15

February 27, 2015

PREPARED BY:

**SEBAGO TECHNICS, INC.
75 John Roberts Road Suite 1A
South Portland, ME 04106**

ADDENDUM NO. 1

MILL CREEK PARK IMPROVEMENTS BID #21-15

The Contract Documents govern all aspects of the project. Informal discussions held during the Pre-Bid Conference or over the telephone are informational only. All official changes to the Contract Documents are made only by addenda. The following changes and additional information are hereby made a part of the Contract Documents.

GENERAL

Light pole bases shall be round and coordinated with light pole manufacturer for correct bolt pattern.

BIDDER QUESTIONS

Notice is hereby given that Addendum #2 provides clarification for questions asked by Bidders after the Pre-Bid meeting held on February 13, 2015 and prior to the Bid Opening Date of March 4, 2015.

1. Question: How is the conduit to be bid?

Answer: Conduit is intended to be bid by the linear foot as measured along the centerline of the conduit trench. As stated in Section 012200 Measurement and Payment, the unit price shall include: furnishing and installing the conduit, pull wire, fittings, labor, equipment, incidentals necessary to complete the work, excavation, backfill and trench cap repair to original condition. As noted on the Grading & Utility Plan and Detail sheet some locations require two conduits within the same trench.

2. Question: Are there two types of fixtures?

Answer: Yes. There are two proposed fixtures. A pedestrian scale LED (Memphis) should be provided at six pole locations and a LED spotlight (Predator) should be provided at three pole locations. The Grading & Utility Plan has been revised to clarify the fixture locations. The revised Grading & Utility Plan is provided with this Addendum.

3. Question: What are the catalog numbers?

Answer: The Grading & Utility Plan has been revised to clarify the product catalog numbers for the lighting fixtures and poles. The revised Grading & Utility Plan is provided with this Addendum.

4. Question: What circuit do the lights connect to? Are they connected to the outlet circuit?

Answer: The lighting should be installed on a separate circuit from the outlets. The Grading & Utility Plan has been revised to clarify the conduit configuration. The revised Grading & Utility Plan is provided with this Addendum.

5. Question: Will the City be supplying the granite curb? Should a number be carried for this item?
Answer: The bidder should provide a value for furnishing and delivering new material to the site. The City has not determined if this material will be supplied from their inventory. If the City opts to supply the material, a credit for the material cost would be expected for the portion of the material provided by the City.
6. Question: Can Shoreline Stabilization Area 3 be shown on the Site Plan?
Answer: The Site Plan has been revised identify Shoreline Stabilization Area 3. The revised Site Plan is provided with this Addendum.
7. Question: What is the detail for the new wing walls on each side of the plaza? Is it anticipated that part of the plaza will need to be removed and reset to install the Wing Walls
Answer: The wing walls shall match the existing plaza wall. Refer to the detail provided on Detail sheet 6. The Site Plan depicts the anticipated extent of wall. It is anticipated that a portion of the existing plaza will require removal and reinstallation. The revised Site Plan is provided with this Addendum.
8. Question: Will the circular hardscape/masonry near the intersection of Ocean and Broadway need to be removed and reset to install the new electrical infrastructure? Was conduit installed in this area during previous projects?
Answer: Yes, removing and resetting of existing hardscape is anticipated for the installation of the electrical infrastructure in this location. As stated in Section 012200 Measurement and Payment, trench cap repair to original condition shall be incidental to the conduit installation. There is no known conduit previously installed in this area.
9. Question: Can schedule 40 or schedule 80 PVC conduit be used in lieu of the galvanized steel? Is steel conduit required on light pole/outlet uprights?
Answer: Yes, in Section 260543 Underground Electrical Conduit, RNC is an approved product. However, the City has chosen to exclude the use of schedule 40 PVC. Schedule 80 PVC is also acceptable for any uprights required to serve poles or outlets.
10. Question: What are the radii dimensions and lengths of the granite cap for the cast-in-place concrete wall?
Answer: The proposed retaining wall includes approximately 110 feet with a radius of 95 feet; 25 feet with a radius of 180 feet; 50 feet with a radius of 80 feet and the remainder of the wall should be constructed with straight sections.
11. Question: What are the existing pathways constructed of – in particular-what is the surface treatment? In the event the prescribed depth of cover of 48" is maintained for the conduit, a complete reconstruct of these pathways will be required-is this the design intent?
Answer: The pathways are constructed with material similar to stone dust. The project intent is to minimize the disturbance of this material. The conduit trench should be shifted away from the path when running parallel to the path to avoid unnecessary

disturbance. At path crossings, the path material should be salvaged and the path restored to its original condition after installation of the conduit. A specification of the path material will be provided, if necessary. The Typical Underground Cable Installation detail has been revised to depict 30" of cover. The Revised Detail sheet is provided in this Addendum.

SPECIFICATIONS

1. SECTION 012200, DELETE paragraph 2.11.A. and REPLACE with the following:

“A. Method of Measurement: Linear foot measured along centerline of the conduit trench.”

2. SECTION 260543, DELETE paragraph 2.1.B.1. and REPLACE with the following:

“B. RNC: NEMA TC2, Type EPC-80-PVC, UL 651, with matching fittings by same manufacturer as the conduit, complying with NEMA TC 3 and UL 514B.”

3. APPENDIX, ADD the attached Halophane product description.

REVISED PLANS

The following plans have been revised as described below.

1. DELETE Sheet 1 SITE PLAN AND DETAILS “Revision A Issued for Bid” dated February 9, 2015 and REPLACE with Sheet 1 SITE PLAN “Revision B Addendum 2” dated February 27, 2015

Changes include the following:

- Clarify location of shoreline stabilization areas 1, 2, and 3.
- Indicate extent of wing wall installation.

2. DELETE Sheet 2 GRADING & UTILITY PLAN “Revision A Issued for Bid” dated February 9, 2015 and REPLACE with Sheet 2 GRADING & UTILITY PLAN “Revision B Addendum 2” dated February 27, 2015

Changes include the following:

- Add lighting schedule and indicate plan location for Type A and Type B fixtures/poles
- Add A-A and B-B section notation to conduit runs.
- Add conductor information to General Note 3 for lighting circuit.
- Add silt fence down gradient of shoreline stabilization

3. DELETE Sheet 3 GRADING & UTILITY PLAN “Revision A Issued for Bid” dated February 9, 2015 and REPLACE with Sheet 3 GRADING & UTILITY PLAN “Revision B Addendum 2” dated February 27, 2015

Changes include the following:

- Add A-A and B-B section notation to conduit runs.

4. DELETE Sheet 6 DETAILS “Revision A Issued for Bid” dated February 9, 2015 and REPLACE with Sheet 2 DETAILS “Revision B Addendum 2” dated February 27, 2015

Changes include the following:

- Modify “Typical Underground Cable Installation” to depict one conduit and two conduit installations.
- Reduce burial depth for underground cable to 30”.
- Remove light pole base detail.

ATTACHMENT 1

Product Description



An Acuity Brands Company

Quoted To: Sebago Technics

75 John Roberts Road- Suite 1A
South Portland, ME 04106

Job Name: City of South Portland- Mill Creek
Park

Quote #: 2066-15-10769-0

Quote Label: budget electrical contractor cost

Job Location: Maine

Issue Date: 2/27/2015

Bid Date: 3/2/2015

Quoted By: Jim Bailey

207/582-5106

JBailey@holophane.com

Type	Qty	Catalog #
A	3	NYS 21 FTB 17 P07 ABG BK CR30/1-CA/BK North Yorkshire Cast Iron & Steel Poles (NYS): NYS, 20'-6", Fluted Tapered, 17 inch Round, 3 X 3 Tenon, Anchor bolts, galvanized steel, Black Powder Coat over hot dip galvanized. (Cordoba Arm- special configuration to mount onto side of pole for an approximate 12 foot light center height). Post top finial sized for the Holophane Predator LED floodlight.
B	3	NYS 14 FTB 17 P07 ABG BK CR30/1-CA/BK AF/BK North Yorkshire Cast Iron & Steel Poles (NYS): NYS, 14 feet, Fluted Tapered, 17 inch Round, 3 X 3 Tenon, Anchor bolts, galvanized steel, Black Powder Coat over hot dip galvanized. (Cordoba Arm- special configuration to mount onto side of pole for an approximate 12 foot light center height). AF small post top finial with black powder paint finish.
A/B	6	MSPL 038 4K AS P B 4 DS R PCS Memphis LED Pedestrian Series (MSPL): MSPL, 38 Nominal System Watts (2 COB, 525mA), 4000 Series CCT, Auto-Sensing (120-277V) 50/60 HZ, 1.5NPT Pendant Mount, Black, Teardrop Asymmetric, Deep Skirt For Cutoff Requirement (25" Dia), NEMA Twist-Lock Photocontrol Receptacle, DTL Twistoff Photocontrol For Solid-State Lighting (120-277V)
A	3	PMLED 4 4K 07A AS 65 1 K BP PMLED UBV-BP Medium Predator LED (PMLED): PMLED, 4 Modules, 4000K, 700 mA Driver, Auto-Sensing (120-277V), 6X5 Prismatic Glass, Tenon Slipfitter (Knuckle), Wet Location, Black Superdurable With Epoxy Primer, Black Upper/Bottom Visor With Superdurable Finish And Expoy Primer
A/B	6	CR30/1-CA/BK (Cordoba Arm- special configuration to mount onto side of pole)

Estimated Lead Time: 16 weeks