

**Project:** Battery Park City  
Park (Esplanade) Lighting South  
**Engineer:** Ensign Engineering, PC

**Date:** November 26, 2013  
**RE:** Addenda 1  
**1 of 3**  
**Pages**

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The following revisions and/or clarifications are to be made to the proposal documents for "BCPA Park Lighting Replacements (South Sector). They are a result of issues discussed at the pre-proposal conference held on November 21, 2013 and any questions received by close of business of November 25, 2013 (Deadline to submit questions to the BCPA.

**Requirements :**

- 1) The bid for the "*Park Lighting Replacements (South Sector)*" is due on Thursday, December 5, 2013 at 3:00 pm. **Please note that bids MUST be received on the 24th floor by the deadline. Bids received in the mail room of the building and not brought up to the 24th floor on time will be returned unopened.**
- 2) MWBE Goals have been identified in the bid as 15% Minority and 15% Women Owned business. The Battery Park City Authority only accepts subcontractors and suppliers approved by the Empire State Development Corporation (ESDC); Suppliers will be accepted at 100% of their value, and any exemptions must be approved by the Governor's Office. Some combinations of 15%/15% may be approved (eg. 25% M / 5%W) to add to 30% participation.
- 3) **INTERVIEWS FOR THE PROJECT ARE TO BE HELD ON DECEMBER 6 AND 9. PROPOSERS ARE TO HOLD THE FOLLOWING TIMES FOR INTERVIEWS: DECEMBER 6, 2013 AT 10:00 AM AND 11:00 AM. DECEMBER 9, 2013 AT 10:00 AM.**
- 4) The contract is anticipated to be completed by March 15, 2014 in time for planting season. If the contractor foresees a different schedule, this must be included in the Proposal documents.
- 5) Contractor to include Logistics and schedule in the submitted Proposal.

**Project Description:**

- The project entails replacing the perimeter wiring, checking the condition of the conduit; replacement in kind as required.
- Temporary lighting must be provided on a 24 hour basis, and grounding maintained on a 24 hour basis.
- Grounding is to be replaced or refurbished after checking for corrosion.
- Excavation to access areas beneath paved areas is the responsibility of the contractors.
- Should any snow removal be required in order to access the areas of work, this will be the responsibility of the successful proposer.
- Hudson Meridian will be the on-call Construction Manager on the project.

**Questions:** (answers to all question are shown in Italics immediately after the question)

- 1) Can Contractors bid on both projects? *Contractors can bid on both or either projects, however contractors that bid on both projects will be scrutinized as to the ability to man the projects separately.*
- 2) Who is responsible for any excavations? *Successful contractor will be required to include any necessary excavation and unit costs in their proposal.*
- 3) Who is responsible for plantings? *Removals will be identified to the project team and coordinated for removal of plantings by BPC Parks Conservancy.*

- 4) Does this project require a Bid Bond? ***Yes, the project will require a 100% Bid Bond as well as Payment and Performance Bonds.***
- 5) Please clarify the line called out "Contingency" in the pricing sheet. ***The project team will revise - this line item is meant for costs that are currently unidentified and will be utilized for allowances as described below.***
- 6) Please clarify the sizing of wiring. ***See below "Engineering Clarifications".***
- 7) What are the working hours? ***The work is to take place during standard construction hours.***
- 8) In the existing feeders, the conduits are to be flushed out. ***If there is a PVC coating, foam is to be used so as not to damage the conduit.***
- 9) Are the existing handholds accessible? ***Some are in hard surface, and some are in planting beds.***
- 10) What is the timing for award of the contract? ***Early January, 2014.***
- 11) Will one contract be awarded or two? ***Two separate contracts are anticipated to be awarded.***

### **ENGINEERING CLARIFICATIONS:**

#### **ADDENDUM #1**

1. - As per contract documents scope of work, contractor shall identify all existing to remain and to be rewired loads and all the existing wired loads that are to remain unaffected by the project work prior to commencing of the work.
1. Contractor shall maintain power at all times to the loads that are not part of this project scope of work including:
  - a. 24 Hour loads
  - b. School Lights
  - c. Police dedicated receptacles
  - d. Lighting Pole receptacles.
  - e. Wiring for above loads may be found in the same hand holes, road pull boxes and conduits with the wiring to be replaced. See DwgS E001S and E001N - Scope of work, and notes.
2. - As per contract documents contractor shall check the condition of the existing conduits to be rewired after the removal of existing wiring. Conduit condition shall be checked by pulling inside a mandrel or foam (in the event that the existing conduits are PVC coated inside) from hand hole to hand hole. If the conduits are found to be blocked or otherwise damaged contractor shall inform BPCA Construction Manager.
  - a. Contractor shall include in bid break down unit price per foot of conduit for each size conduit in scope of work
3. Only then and only under Construction Manager supervision shall the excavation take place. Prior to excavation coordination shall take place with the Parks Department for the removal of existing shrubbery. No excavation shall take place to determine the condition of existing conduits and no excavation shall take place without the notification and approval of Construction Manager. See DwgS. E102 thru E112 and E114 thru E124 - Notes.
4. As per contract documents in all lighting poles to be rewired contractor shall replace the existing in-line fuse holders and fuses. See DwgS. E102 thru E112 and E114 thru E124 - Note #10.
5. All lighting poles to be rewired shall be rewired as follows:
  - a. Contractor shall remove existing and provide for replacement 2 #6 AWG phase+1#8 AWG grounding conductors from the nearest respective hand hole/pull box into the lighting pole.

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- b. Inside the lighting pole contractor shall connect the #6 AWG phase conductor to the line side of the new replacement in-line fuse. The #8 AWG grounding conductor shall be connected to the lighting pole grounding lug.
  - c. Contractor shall provide new replacement grounding lug in each lighting pole to be rewired.
  - d. Contractor shall check the condition of the existing lighting pole wiring on the load side (supplying the ballast) of the in-line fuse
  - e. If found defective contractor shall notify Construction Manager. Contractor shall replace the damaged wiring with #10 AWG wiring.
  - f. Contractor shall include in bid price 30% allowance for potential defective wiring uncovered on the load side of the in-line fuse.
  - g. Contractor shall include in bid break down unit price per foot of conduit and wiring for each size conduit and wiring in scope of work.
6. As per contract documents Contractor shall weld a grounding lug to the underside of the existing to be rewired hand holes cover and shall provide a 1/0 bare, tinned copper braided conductor to connect the grounding lug to the hand hole grounding. The bare copper conductor shall be of sufficient length to allow the removal of the cover. The frame shall also be grounded.- See Dwgs. E102 thru E112 and E114 thru E124 - Notes.
7. - As per contract document drawings all areas affected by this project work are defined by markings on the drawings. The markings show the areas to be rewired and the sources of power for each area. Refer to Dwgs. E102 thru E112 - Note #31 and E114 thru E124 - Note #28. The sources of power are as follows starting from the southernmost tip:
- A. Wagner Park Pavilion- Electric Closet- **Contract 'B'-South**
    - 1) Contractor shall remove existing and provide for replacement 6- 1/0 branch circuit conductors+2-1/0 grounded+2 #6 grounding conductors in existing 2- 2" conduits for the lighting poles in the designated area
    - 2) Contractor shall remove existing and provide for replacement 2 #8 branch circuit conductors+2 #8 grounded+2 #8 grounding conductors in existing 2- 1" conduits for cove lights and pillow lights
    - 3) Contractor shall remove existing and provide for replacement 2-1/0+1#6 grounding conductors for lighted benches
    - 4) Remove existing and provide for replacement 2 sets of 4-250 MCM+1 #4 grounding conductors in existing 2-3" conduits for the two (2) concert receptacles. Refer to contract document DWG E102, Note #32 for concert receptacles.
    - 5) There shall be not more than 5 lighting poles per branch circuit and shall be wired alternately per phase.
  - B. Second Place Power/Control Cabinet- **Contract 'B'-South**
    - 1) Contractor shall remove existing and provide for replacement 2 sets of 5 -4/0+1 #6AWG grounding conductors in existing 3" conduit each running from Second Place Power/Control Cabinet to the designated work area and along the esplanade from hand hole to hand hole.
    - 2) There shall be not more than 8 lighting poles per branch circuit and shall be wired alternately per phase.
  - C. Rector Street Power/Control Cabinet- **Contract 'B'-South**
    - 1) Contractor shall remove existing and provide for replacement 1 set of 4 #2 + 4 #2 +1#2(24 hours) +1#8 grounding conductors in existing 3" conduit running from the power cabinet to the esplanade and 4#2+1 #2 (24 hours)+1#6 grounding conductors in existing 2-2" conduits each running along esplanade from hand hole to hand hole.

- 2) There shall be not more than 5 lighting poles per branch circuit and shall be wired alternately per phase.

D. Albany Street Power/Control Cabinet- Contract 'B'-South

- 1) Contractor shall remove existing and provide for replacement 2 sets of 4-2/0+1#2 (24 hours) +1#2 grounding conductors in existing 3" conduit each running from the power cabinet to the esplanade and 4#2+1#6 grounding conductors+1#2 (24 hours) in existing 2-2" conduits each running along esplanade from hand hole to hand hole.
- 2) There shall be not more than 7 lighting poles per branch circuit and shall be wired alternately per phase.

8. -The contractor shall not scale drawings for conduit and wire lengths but shall be responsible for providing the required lengths for all conduit and wire based on the location of the power sources and the location of the respective loads to be supplied.

9. -Contractor shall provide allowance in bid for possible removal and replacement of defective or damaged underground conduits. Allowance shall be equal to a dollar amount of 25% of the bid price. The 25% of conduit replacement shall be reflected in the provision for excavation, backfilling, grade restoration and re-pavement. Contractor shall provide unit price per foot for all conduit sizes in the Work.

10. Contractor shall provide allowance in bid price for 2 of the three bench LED group lights in the glass benches (located near Jewish Heritage Museum) if required to be replaced due to unforeseen damage.

11. - Contractor shall provide in the bid document unit prices for the following:

- a. 3/4", 1", 2", 2 1/2", 3", 4" PVC coated inside/out RGS conduits
- b. #12, #10, #8, #6, #2, 1/0, 2/0, 3/0, 4/0 XHHW-2 conductors
- c. \$per cubic yard excavation
- d. \$ per cubic yard backfilling
- e. \$ per square feet pavement removal
- f. \$ per square feet re-pavement

12. Kowsky Park is no longer part of the scope of work and consequently is not shown on the drawings.

13. Contractor shall provide in bid removal and replacement of 10 duplex GFCI receptacles installed in weatherproof 'in-use' enclosures for replacement of existing outdoor pole mounted receptacles.

14. All Power/Control Cabinets are supplied directly by Con Edison service cables which are to remain as such. Contractor shall coordinate with Con Ed for disconnection/reconnection of service cables at Rector Place Power/Control Cabinet which is to be refurbished.

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By signing the line below, I am acknowledging that all pages of the addenda has been received reviewed and understood, and will be incorporated into the bid price submitted. This document must be attached to the proposal for consideration.

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Number of pages received: \_\_\_\_\_ <fill in>

**END OF ADDENDUM #1**

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