



CITY OF HOUSTON

Administration and Regulatory Affairs Department
Strategic Purchasing Division

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November 12, 2009

Subject: Letter of Clarification No. 2 Exterior Lighting for Wortham Theater Center, for the Convention and Entertainment Facilities Department

Reference: Bid Inv. No: S50-C23451

To: All Prospective Contractors: This letter of Clarification is being issued for the following reasons:

- **The following questions and City of Houston responses are hereby incorporated and made a part of the Invitation to Bid:**

Question 1 On drawing # E.01 detail shows a 1"conduit above ground and schedule 80 PVC below ground for tree and power lighting. Print E.02 1 1/4" conduit underground. General note #3 says it to be a 3/4" conduit on trees. What size conduit is required?

Answer: See the attached Addendum No. 1 and Drawing No. SKE.01.

Question 2 Drawing E.05 note #6 says that all underground wiring shall be in rigid schedule 40 PVC. Print E.04 detail 1 note 20 shows schedule 80 PVC. Which one is required?

Answer: See the attached Addendum No. 1 and Drawing No. SKE.01.

Question 3 Print E.01 detail 2 shows hot dip galvanized STL clamps, secure to tree trunk as per design arch's instructions. Please provide how to clamp conduit to tree truck as per Arch's instructions.

Answer: See the attached Addendum No. 1 and Drawing No. SKE.01.

Question 4 Drawing E.01, detail 2, shows a NEMA 3R cast box, 8' above finished grade. What size shall this NEMA 3R cast boxes be?

Answer: See the attached Addendum No. 1 and Drawing No. SKE.01.

Question 5 Drawing E.02 Key Note 2 refers to the Architectural drawings. Are there any architectural drawings

Answer: See the attached Addendum No. 1 and Drawing No. SKE.01.

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Question 6 Drawing E.02 Detail (1) Key Note 27 calls for exact location of (E) UG conds, in this area may require deletion of this foundation and securing of the UG unistrut members to the (E) conc pad for switch. This will also require relocation of the entire unistrut frame, panel board, control enclosure, and conds aprox. 6" northward. Contractor shall anticipate and include all cost in bid associated with this scenario. Please clarify whether the existing panel board on the concrete pad is to be relocated (if needed) too or just the new unistrut rack with the new panel and Lighting panel?

Answer: See the attached Addendum No. 1 and Drawing No. SKE.01.

Note: No further questions will be accepted after the publication of this Letter of Clarification.

When issued, Letter(s) of Clarification shall automatically become a part of the bid documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. It is the responsibility of the bidders to ensure that it has obtained all such letter(s). By submitting a bid on this project, bidders shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this solicitation.

Furthermore, it is the responsibility of each Contractor to obtain any previous Letter of Clarification associated with this solicitation.

Arturo Lopez

Arturo Lopez
Senior Procurement Specialist
832-393-8731

Attachments:

See Addendum No. 1 and Drawing Sheet No. SKE.01

You can also view the Addendum No. 1 and Drawing Sheet No. SKE.01 on the following website: <https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C23451>.

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EXTERIOR LIGHTING – WORTHAM THEATER CENTER
CONVENTION & ENTERTAINMENT FACILITIES DEPARTMENT

November 10, 2009

ADDENDUM NO.1

**Project: Wortham Center Exterior Lighting
City of Houston**

1. DWG. E.01:

- A. ARCHITECTURAL DWGs A0.1 AND A1.0 ARE AVAILABLE.
- B. REFERE TO REVISED DETAIL-2

2. DWG. E.02:

- A. SITE LIGHTING PLAN, EXISTING TREE LOCATED APPROX 9 FT FROM NEW FIX TYPE-B: PLAN KEYED NOTE NO. 15 SHALL BE CHANGED TO READ KEYED NOTE NO. 12.
- B. GENERAL NOTE-3 SHALL BE PARTIALLY REVISED TO READ 1" RGS CONDUIT IN LIEU OF SPECIFIED 3/4" CONDUIT, REMAINING CONTENT OF THE NOTE SHALL REMAIN AS IS.
- C. PLAN KEYED NOTE-3 SHALL BE REVISED TO READ 1-1/4" UG CONDUIT WITH 2, #6 PH AND 1, #10 GND WIRES.
- D. PLAN KEYED NOTE-16 SHALL BE PARTIALLY REVISED TO READ "1-1/4" UG CONDUIT WITH 2, #6 PH AND 1, #10 GND WIRES.....REMAINING CONTENT OF THE NOTE SHALL REMAIN AS IS.
- E. ADD GENERAL NOTE-18, IT SHALL READ "ALL FIX TYPE-C SHALL BE FACTORY FURNISHED WITH REMOTE TYPE BALLAST WITH RAIN-TIGHT ENCLOSRES. FIXs AND REMOTE BALLASTS (IN HOUSING) SHALL BE INSTALLED IN TREES. EXACT LOCATIONS AND ELEVs SHALL BE AS PER DESIGN ARCH'S INSTRUCTIONS. EACH FIX TYPE-C SHALL BE WIRED THRU IT'S BALLAST. CONTRACTOR SHALL INCLUDE ALL COSTS IN BID.

3. DETAIL-1 ON DWG E.04:

- A. PLAN KEYED NOTE-27 DOES NOT REQUIRE RELOCATION OF THE EXISTING CONCRETE PAD MTD DISCONNECT SWITCH.

4. DWG. E.05:

- A. GENERAL NOTE-6 SHALL BE PARTIALLY REVISED TO READ SCH 80 PVC CONDUITS IN LIEU OF SPECIFIED SCH 40 PVC CONDUITS, REMAINING CONTENT OF THE NOTE SHALL REMAIN AS IS.

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B. ADD NOTE NO.37. NOTE-37 SHALL READ AS FOLLOWS:

“IN CASE OF A CONFLICT AMONG BID DOCUMENTS, DURING BIDDING PHASE OF THE PROJECT, CLARIFICATIONS SHALL BE OBTAINED FROM ENGINEER. IF CLARIFICATIONS CAN NOT BE OBTAINED IN TIME, THE BETTER QUALITY, LARGER IN SIZE, AND OR GREATER IN QUANTITY OF THE ITEM OR ITEMS IN CONFLICTS, WHICH COST MORE, SHALL BE INCLUDED IN BID.

C. ADD NOTE NO. 38 WHICH SHALL READ

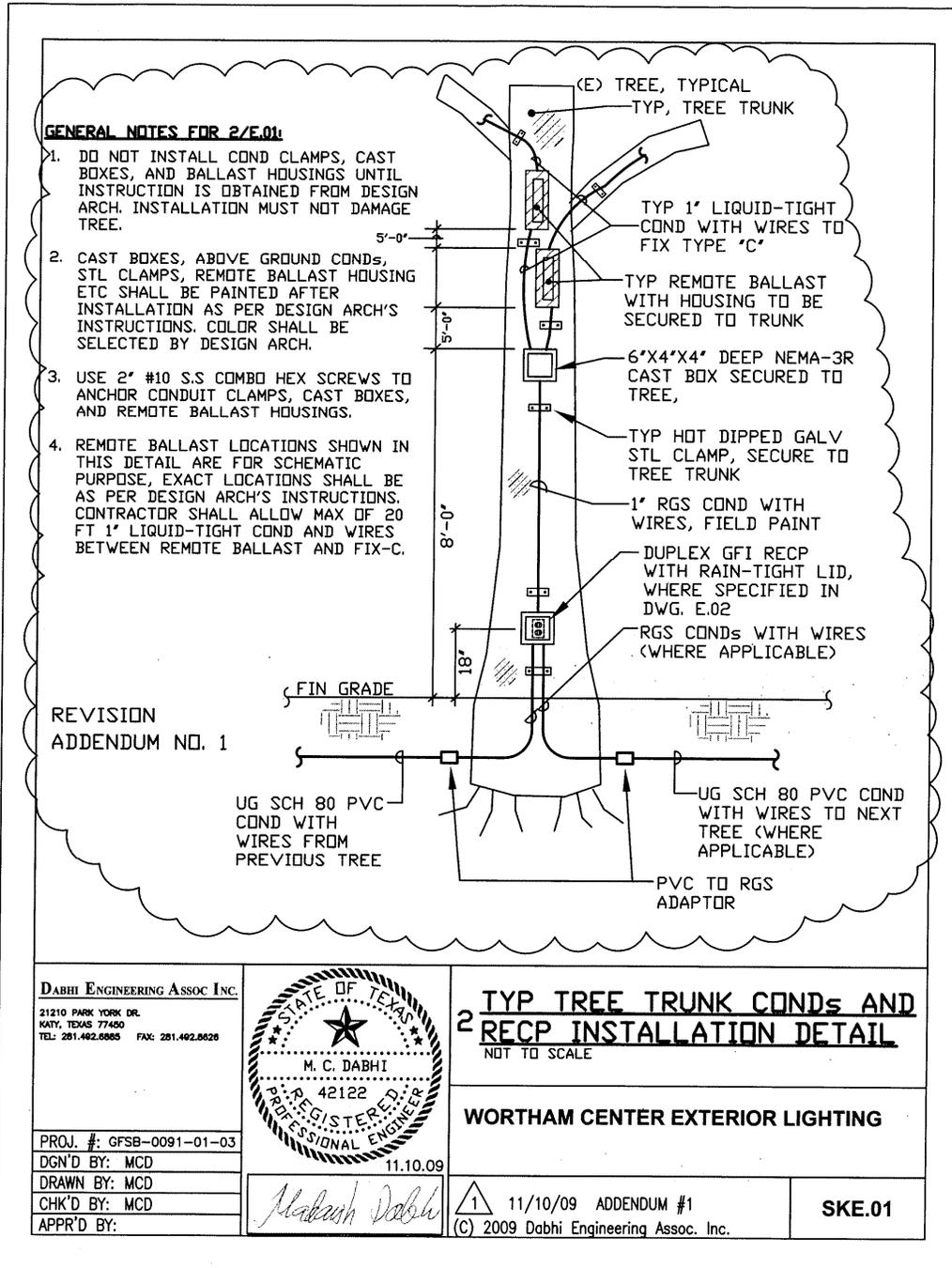
“OWNER TO INSPECT WIRING IN TREES ANNUALLY TO VERIFY THAT TREE GROWTH HAS NOT STRETCHED WIRING AND CAUSED A BREAK. IF NECESSARY NEW WIRING AND/OR CONDUITS SHOULD BE INSTALLED ON AN ANNUAL BASIS TO ALLOW FOR TREE GROWTH.



M. C. Dabhi

11/10/2009

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