



**SPRING BRANCH INDEPENDENT SCHOOL DISTRICT**

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**PURCHASING DEPARTMENT**

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# NOTICE TO OFFERORS

## ADDENDA TO COMPETITIVE SEALED PROPOSAL

DATE: December 18, 2018

This ADDENDA forms a part of and modifies the original Proposal Document, issued by the Spring Branch Independent School District.

Invitation to Proposal entitled: **Annual Contract for Data Cabling Upgrade**

Proposal Opening Date & Time: **January 15, 2019 @ 1:00 PM**

ADDENDA NO. 2

PROPOSAL NO. 13122

Please make the following additions, revisions, and/or deletions to the Proposal Document:

**See Question and Answer below**

**Notes:**

- Buffalo Creek and Treasure Forest will be submitted as Alternate "Option A" due to existing construction that will occur during the summer. At the time, the district is unsure if the schedule will allow these two facilities to be included.
- Shadow Oaks Elementary School will be added to scope and walked with the companies who participated in the original walkthroughs. A map will be provided during the walk at 9:00 A.M., Monday, January 7, 2019 at 1335 Shadowdale, Houston TX 77043.

The offeror shall acknowledge receipt of this ADDENDA in the Proposal Form.

## QUESTIONS AND ANSWERS

### **Question #1:**

On the walkthrough, SBISD personnel said they could not verify the conduit routes, condition of the conduit, or if there is sufficient room in there. They said to include new conduit on the runs that require it. I want to verify that we need to include conduit pathways. If yes, then please standardize on the type of conduit, (i.e., aluminum, rigid, EMT or PVC). This way all the contractors bidding on this will bid the same material.

### **Answer #1:**

**1.5" EMT conduit should be used outside. 1.5" schedule 80 PVC pipe should be used underground with a copper tracer wire. PVC pipe can then transition back to EMT when it stubs back up from underground.**

### **Question #2:**

Verify type and strand count for fiber required for Tully Stadium

### **Answer #2:**

**The fiber for Tully Stadium should be 6 strand OS1, non-armored, gel filled, burial rated OSP fiber cable or equivalent to each of the 8 closets, plus the same type of fiber cable to the Press Box at Spring Woods HS.**

### **Question #3:**

Please clarify the prevailing wage and what we are required to adhere to.

### **Answer #3:**

**I do not know how to answer any questions about prevailing wages.**

### **Question #4:**

Please verify that all work is to be done June and July 2019.

### **Answer #4:**

**All work should be completed within the timeframe of June 2019-July 2019. Multiple crews can be scheduled in order to accommodate the timeframe.**

### **Question #5:**

Specification states "Only specific products listed in "Appendix A-Table 1" or "functionally equivalent equipment" will be accepted. Vendor must specify all deviations from "Appendix A-Table 1" on "Appendix A" Table 2". Appendix A, Table 1 does identify Commscope/Leviton. Contractor assumes this to mean Commscope cabling and Leviton Connectivity ( housings, panels, connectors), is this correct? The referenced table also identifies fiber cable mode/bandwidth requirement (SM, OM4, etc.) for each facility. However the cable build and/or part numbers for cable and connectivity do not seem to be addressed in the referenced

**QUESTIONS AND ANSWERS CONT.**

Appendix, nor the CSP #13122 document, or Addendum 1. The IT team indicated (verbally) during the walk that the cable construction would be an armored, indoor/outdoor type. Please clarify this is the preferred cable construction, or please identify where this requirement is specified in bidding documents. May a riser rated cable be utilized in lieu of a plenum rated cable where the application permits? Will SBISD be submitting part numbers for specific product types (cable and connectivity) they'd like utilized on the project, or is this left to the contractor, using just the information currently provided in the referenced bid documents as a guide?

**Answer #5:**

**As the preferred parts list was not provided as an attachment to the original CSP # 13122, the Excel pricing sheet has been amended. A parts list with model numbers for the proposed solution should be provided, so SBISD can be evaluate the materials. SBISD currently prefers Commscope and Leviton products for connectivity, however alternate brands can also be submitted for consideration. Specifications for the multimode fiber cable should be OM4, armored, indoor/outdoor plenum rated with a fiber strand count matching the pricing sheet. Specifications for the single mode fiber cable should be 6 strand OS1, non-armored, gel filled, burial rated OSP fiber cable or equivalent. All connectivity and fiber boxes should be based on the LC standard. All new fiber bulkheads installed in existing fiber enclosures are to match the existing vendor product based on the walkthrough, or a new fiber enclosure will need to be purchased.**

**Question #6:**

If an armored indoor/outdoor fiber build is the correct cable construction requested by the district, may a non-armored dielectric cable type be utilized where this type of cable better suits the application? For example, at the Tully stadium (or cabling to other press-box/concession locations), these fiber runs are all underground through existing 4" and 2" conduits (which also contain existing cabling). Running an armored cable through these pipes at these lengths could prove to be challenging, or not possible. Clearly a dielectric cable should be used in for these applications.

- a. Could the district clarify that the use of an OSP dielectric non armored cable is permitted for these runs?

**Answer #6:**

**Yes, this is the preferred method. Therefore single mode fiber specification has been updated as listed above**

**Question #7:**

Should contractors in their proposal response assume performing research and reuse where possible (not likely in many cases, despite existing conduit), or propose all new conduit pathway (unless re-use is clearly possible – I.E. Tully Stadium)? SBISD representative stated that contractors should assume new conduit for all OSP pathway would be needed. Could the district please clarify this statement so that all contractors are proposing as close to the same scope as is possible?

**QUESTIONS AND ANSWERS CONT.****Answer #7:**

**The contractor should provide pricing based on new conduit for each cable run where needed, as well as appropriate pull boxes or elbows where it enters the building**

**Question #8:**

In instances where existing conduits must be re-used, how should contractor address possibility of discovering during installation that existing pathway is not usable?

- a. Should contractor factor risk/contingency into proposal pricing response for account for this possibility, or will district address these types of issues, should they arise, via a change order so that contractor would be able to cover actual costs of repair to duct bank, should any be required?

**Answer #8:**

**Tully Stadium should be bid two ways. The first utilizing existing conduits with new single mode fiber-optic cable. The second (Alternate Option B) is that all conduits and cables will be new.**

**Question #9:**

Can the district provide record drawings of how existing conduits are installed, including placement of hand holes/man holes along the underground duct bank routes?

- a. Further, can the district identify where underground pull points, are hand holes, or man holes? (will affect pricing where contractor may be require to enter man holes where additional safety gear, oxygen, hole watch, etc. will be required)

**Answer #9:**

**SBISD does not have an up to date set of drawings.**

**Question # 10**

If new conduits are to be proposed by contractor, would the district have a set of specifications related to conduit product, and installation requirements for the district?

**Answer #10:**

**1.5" EMT conduit should be used outside. 1.5" schedule 80 PVC pipe should be used underground with a copper tracer wire. PVC pipe can then transition back to EMT when it stubs up from underground.**

**Question #11:**

Are there fiber jumper (patch cord) requirements? If yes, please clarify type, lengths, and quantities for each campus.

**Answer #11:**

**No fiber patch cords are requested.**

**QUESTIONS AND ANSWERS CONT.****Question #12:**

Could SBISD confirm that the reuse of existing fiber housings will be preferred by the district where space is available? (these locations were identified during site walks)

**Answer #12:**

**Reuse is preferred where possible. Any parts proposed should be listed by the contractor as per the response to question 5.**

**Question #13:**

Could the district confirm all fiber connectivity to be LC?

**Answer #13:**

**Yes, all fiber connectivity is to be terminated on both ends with LC connectors**

**Question #14:**

Could the district provide updated Appendix A-Pricing Tables reflecting campuses to be priced in this proposal?

**Answer #14:**

**Appendix A has been updated with a simplified pricing sheet and campuses that were removed as part of the walk-through have also been removed from the updated Appendix A. (see attached)**

**Question #15:**

What are the campus work scheduling and access protocols for the contractor during installation?

**Answer #15:**

**Campuses will be accessible concurrently, and a schedule will be worked out with the successful contractor before the work begins.**

**Question #16:**

Will district security be required at each campus where work is being performed?

**Answer #16:**

**District security will not be required on site as contractors are required to go through a background check and fingerprinting before any work commences. This will allow them to have a District contractor badge as identification**

**Question #17:**

Can multiple campuses be accessed concurrently? If yes, how many campuses?

**Answer #17:**

**See answer #16**

**Question #18:**

Can an updated list of Schools and fiber runs to be installed be provided?

**Answer #18:**

- Spring Woods High School – Entrance and Gym closets have been removed. Press Box only changed fiber type to 6 strand OS1 single mode OSP fiber. Map addition now includes concession stand and press box on the site plan (page 3 of the attached PDF).
- Guthrie Center – Map has had the Old MDF closet added. It was added to the contractor's maps at walkthrough.
- East Transition Campus – MDF has been added to the map. Gym IDF corrected from IDF5 to IDF4 on the map. These were added to the contractor's maps at walkthrough.
- Northbrook HS – Field House / Press Box has been removed as the fiber has already been upgraded.
- Meadow Wood Elementary – removed from quoting as this fiber has already been upgraded.
- Memorial HS – removed from quoting, due to a pending construction schedule.
- Northbrook Middle – removed from quoting, as this fiber has already been upgraded.
- Maintenance / Transportation – removed from quoting, as this fiber has already been upgraded.
- Tully Stadium – Change fiber type to 6 strand OS1 single mode OSP fiber.

**END OF ADDENDA**