

# GRAMBLING

STATE UNIVERSITY®

## PURCHASING DEPARTMENT

December 5, 2024

### Addendum #1

#### **Powered Fiber Solution and DataCenter Clean-up IFB #50018-250014**

The purpose of this Addendum is to correct the heading for the "Additional Data Center Upgrades" section on the second page of the Bid Specifications.

Please replace the attached revised page with page #2 of the original Bid Specifications:

- Construct an 18" wide concrete footing at the bollard location with a total height of 5' (3' below ground, 2' above ground).

#### • **Power Supply:**

- Install one 24VDC, 100W, 4A power supply within the MDF to power the bollard.

#### • **Fiber Termination:**

- Terminate the fiber with LC connectors.

#### **Soccer Field Bollard Locations**

#### • **Project Requirements:**

- Install a full-powered fiber solution for two Net Point Bollard locations near the soccer scoreboard and bleachers.

#### • **Conduit Installation:**

- Install a pull box outside the assembly center, core into the building, and install 1" EMT conduit from the core to the MDF.
- Bore and install 2" PVC conduit approximately 450 feet from the new pull box to the first bollard by the scoreboard.
- Bore and install 2" PVC conduit approximately 400 feet to the southeast corner of the soccer field.
- Bore and install two 2" PVC conduits approximately 350 feet from the SE corner: one for fiber to the bleachers bollard and the other for electrical for the sprinkler system.

#### • **Handholes and Fiber Installation:**

- Install six 13"x17"x24" polymer concrete handholes.
- Provide and install a 4-strand/2-conductor (16AWG) single-mode fiber from the MDF to the bollard locations, terminating into a 10G HPoE media converter in an outdoor enclosure within the handhole.

#### • **Bollard Footing:**

o Construct 18" wide concrete footings at the bollard locations with a total height of 5' (3' below ground, 2' above ground).

• **Power Supply:**

- Install two 24VDC, 100W, 4A power supplies within the MDF to power the bollards.

• **Fiber Termination:**

- Terminate the fiber with LC connectors.

**Football Stadium**

• **Fiber Installation:**

- Provide and install 12-strand single-mode fiber from the MDF on each side of the stadium field houses to an existing pull box on the football sidelines.
- Use existing pathways and terminate with LC connectors via splicing.

**Additional Data Center Upgrades**

• **Rack Installation:**

- Provide and install three 2-post racks with four vertical double-sided wire managers, a grounding busbar, and ladder trays within the data center.
- Remove existing cabling secured to walls and re-install onto the new ladder trays.

• **Cable and Fiber Management:**

- Install 2" J-hooks above the ceiling to support fiber patch cords and copper cabling.
- Demo existing cabinets and racks, relocating equipment and cabling to the new racks.
- Re-terminate 72 existing category 6A cables and 756 strands of fiber onto the new racks and LC cassettes.
- Provide patch cords for each fiber pair and install 4U fiber enclosures.
- Test, label, and certify all re-terminated fiber.

Erin Walker  
Purchasing Director  
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**NOTE: PLEASE SIGN AND DATE AND RETURN WITH BID:**

**SIGN** \_\_\_\_\_ **DATE** \_\_\_\_\_

