

BART Agreement Number: 6M8145

Approval Date: 03/22/2021

Work Plan: No. B.29-01 – Train Control - Multiplex Procurement

Scope:

2. Scope of Work

2.1 Architecture

- a) Confirm programmatic needs.
- b) Develop Demolition Plan.
- c) Code review- egress analysis and accessibility review.
- d) Develop Layout/Equipment Plan.
- e) Develop any Framing details.

2.2 Structure

- a) Code check (confirm CEBC limits that trigger code upgrade are not breached).
- b) Evaluate existing raised floor system for reuse.
- c) Design for equipment anchorage.

2.3 MEP

- a) Field verify existing mechanical, electrical, plumbing, and control systems capacities and configurations.
- b) Complete systems load calculations.
- c) Provide power for workstations and equipment. Existing receptacles on perimeter walls to remain in place.
- d) Rework existing lighting/controls if needed. Verify existing UPS (Uninterruptable Power Systems) and provide new panel/power as required. It is assumed UPS is in proper working order.
- e) Ensure path of egress is adequate and provide exit signs as needed.

2.4 Fire Protection / Fire Alarm

- a) Relocate / add new sprinklers to accommodate new architectural layouts.
- b) Relocate / add new fire alarm devices to accommodate new architectural layouts.

2.5 Systems

- a) Provide new data distribution device layout to be wired for BART net.

Prime: Jacobs

Subconsultants: None.

Total Work Plan Value: \$ 119,462