

**Work Plan No. B.11-05 Fire/Life Safety - Fire Protection Support**

**Scope:**

The following PWS outlines the primary responsibilities for the Consultant to perform in carrying out this task for this solicitation:

**3.1 SUPPORT FLS-RELATED ACTIVITIES:**

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Support the Director in coordinating with BART and Local Jurisdictional Fire and Emergency Response departments/agencies to support FLS initiatives, including emergency management and response efforts, investigations, inspections, drills/exercises, and meetings.

1. Support the BART Fire/Life Safety committee, meetings, and reviews with all applicable stakeholders (i.e., Fire Liaison Committee, safety committee meetings, etc.).
2. Participate in fire investigations to help determine probable cause(s), prepare reports, and fact-finding analysis, and tracking of identified non-conformance issues until closure.
3. Support development and update of policies for Fire/Life Safety as it pertains to the BART system (i.e., hot work, occupancy limitations, flammable material storage and utilization, emergency evacuation, drills, and exercises, etc.).

**3.2 PERFORM FACILITY FLS INSPECTIONS AND ASSESSMENTS:**

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Coordinate and conduct FLS inspections and assessments of BART facilities, equipment, and systems.

1. Inspections and assessments shall be conducted to evaluate the effectiveness of fire and life safety programs, identify and report facility FLS hazards, and assure the system is in conformance to Federal, State, Local and BART FLS requirements.
2. FLS Inspections shall be conducted at the schedule dictated by BART's Maximo system of BART's Administrative Buildings, Stations (50 Stations) and Parking Structures (16 Parking Structures) per contract year. Other facilities (i.e., Traction Power Substations, Storage Buildings, Maintenance Facilities, Trainways, etc.) may also be required to be inspected as required by the Director if budget and schedule allow.
3. Spot inspections shall be conducted, as required, in response to investigate reports of credible Fire/Life Safety hazards.
4. Findings from the inspections shall be made and submitted, via the Maximo system, within 5 days following a scheduled annual inspection or follow up. Reports shall be made according to the FLS Inspection Checklist format dictated by the Maximo system, or otherwise required by the Director, and clearly report the findings and deficiencies, along with proposed corrective actions/mitigations. If required, Request for Maintenance (RFM) shall also be reported using the appropriate method required by the Director (i.e., See Say Now Application, Maximo, etc.).
5. Oversee the documentation and administration of Fire/Life Safety findings and non-conformances and Corrective Action Plans (CAPs) through the use of the BART Safety Management System (SMS).

### 3.3 SUPPORT FIRE PROTECTION SYSTEMS TESTING AND INSPECTIONS:

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Support the completion of Fire Protection System (i.e., detection, alarm/notification, suppression, and smoke control systems) tests and inspections as required by Director.

1. Inspections shall be coordinated with existing BART Engineering, Maintenance and Operations staff to assure fire protection systems is adequately maintained and functional.
2. Support acceptance testing on special systems such as automatic fire sprinkler systems, wet and dry standpipe systems, fire pumps, fire alarms, smoke control and management systems, and fixed fire-extinguishing/suppression systems.
3. A report summarizing the results of the tests/inspections and detailing findings/recommendations shall be made to the director within 7 days following a scheduled test.

### 3.4 CONDUCT FLS TRAINING:

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Provide FLS training to BART staff (Safety, Operations, Maintenance, FLS, etc.) and local first responders on FLS system operations, hazards, discrepancies, mitigations, inspection procedures, and best practices as required by the Director.

1. Support development of FLS-specific training program/curricula targeted at BART Stakeholders (i.e., Local First Responders, Authorities Having Jurisdiction, BART Operations/Maintenance/Safety/FLS/Management staff, etc.).
2. Provide classroom, virtual or On the Job (OTJ) training to BART staff and/or first responders servicing BART, educating participants on BART's FLS system operations, hazards, and effective response strategies to a transit FLS event.

### 3.5 PROVIDE FIRE PROTECTION ENGINEERING TECHNICAL SUPPORT TO THE DIRECTOR:

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1. Support FLS system design, plan, and specification reviews for BART programs.
2. Provide technical expertise and recommendations for the development of specifications, requirements, and designs with respect to projects involving fire codes and FLS implications.
3. Assist with and prepare emergency evacuation and egress analysis as it pertains to existing conditions or changes in facility layout, design, function, or operations.
4. Provide FLS-related code review and analysis.
5. Provide FLS-related technical reports (i.e., plan review comment resolution reports, technical memorandums, meeting agendas and action items, code assessments

#### Prime: Parsons Transportation Group

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
ADS, System Safety Consulting, LLC	\$ 970,461	N	N

**Total Work Plan Value: \$ 1,040,845**