

**Work Plan: No. B.11-02 – Fire Protection Support**

**Scope:**

### **3 SCOPE OF WORK**

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 all BART facilities, equipment and systems.

1. Inspections and assessments shall be conducted to evaluate the effectiveness of fire and life safety programs, identify and mitigate facility FLS hazards, and assure the system is in conformance to all Federal, State, Local and BART FLS requirements.
2. Annual and follow-up Inspections are to be made of all BART occupancy types to include Stations (elevated, at grade, and below-grade), Trainways, Maintenance, Storage, Operations and Administrative Facilities.
3. Spot inspections shall be conducted, as required, in response to investigate reports of credible Fire/Life Safety hazards.
4. Inspection reports shall be made and submitted to the Director within 7 days following a scheduled annual inspection or follow up. Reports shall include a brief description of the facility, summary of the inspection team, and clearly report the findings and deficiencies, along with proposed corrective actions/mitigations, and provide description of proposed mitigation responsibilities (i.e. BART department, jurisdiction, etc.).

#### **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 code and BART requirements.

1. Inspections shall be coordinated with existing BART 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) and local first responders on FLS system operations, hazards, discrepancies, mitigations, and best practices.

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, staff, etc.).
2. Provide classroom and On the Job training to first responders servicing BART, educating participants on BART's FLS system operations, hazards, and effective response strategies to a transit FLS event.
3. 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).

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

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1. Support FLS system design 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 emergency evacuation and egress analysis as it pertains to changes in facility layout, design, function or operations.

**Prime: Parsons Transportation Group**

<b>Subconsultant</b>	<b>Amount</b>	<b>DBE (Y/N)</b>	<b>SBE (Y/N)</b>
ADS	\$ 279,930	N	N

**Total Work Plan Value: \$ 300,984**