

**BART Agreement Number: 6M6139**

**Approval Date: 01/18/22**

**Work Plan No. A.01-04 – Sustainable Station Lighting**

**Scope:**

The Sustainable Station Lighting Program will significantly reduce station energy consumption and improve the customer experience while reducing maintenance needs and costs. This initial Design Requirements and Prioritization phase will develop Sustainable Station Lighting Design Requirements and an Implementation Strategy to help achieve the goals of the Program. The consultant team should understand the state of the lighting industry and be familiar with the BART Facilities Standards, interior public lighting design best practices, and transit applications.

Using the Customer Journey/Station Zones from BART's Station Experience Design Guidelines (February 2018), the Powell Station Improvement Lighting Guidelines, and BART Facilities Standards (3.2) as a starting point, consultant will update lighting zones and design requirements for the full range of station types in the BART system. Design Requirements include design criteria, guidelines, standards, standard drawings, and specifications. These components will require BFS changes and should include recommendations for specification of systems and parts, as deemed necessary through the BART stakeholder process. Consultant will develop criteria and an evaluation method to prioritize and group stations for lighting upgrades and produce an implementation plan.

All light fixtures inside the station and within the drip line will be included in the assessment and project scope. Exterior station area lighting (in the "Station Approach" zone, i.e. beyond 10 ft. of station entrance) will not be included.

**Prime: Raimi & Associates**

| <b>Subconsultant</b> | <b>Amount</b> | <b>DBE (Y/N)</b> | <b>SBE (Y/N)</b> |
|----------------------|---------------|------------------|------------------|
| Perkins              | \$ 405,584    | N                | N                |
| Integral             | \$ 193,039    | N                | N                |

**Total Work Plan Value: \$ 638,157**