

**BART Agreement Number: 6M8148**

**Approval Date: 08/03/21**

**Work Plan No. B.22-01 – Train Control Engineering Support for iVPI Software**

**Scope:**

BART is seeking the assistance of a Consultant to support the Train Control Engineering (TCE) division with the assessment of the new Alstom Integrated Vital Processor Interlocking (iVPI) software.

BART is in the process of improving the performance and reliability of Train Control VPI systems throughout the district. This effort will include the review and assessment of the iVPI system (hardware and software) to determine compatibility in the BART Train Control system.

The Consultant shall provide the services described below to assess the feasibility and cost of replacing VPI-1 with iVPI at some or all locations through the District.

**Prime: TY Lin + TSE JV**

**Subconsultants: None**

**Total Work Plan Value: \$ 211,888**