

**BART Agreement Number: 6M6138**

**Approval Date: 09/09/21**

**Work Plan No. B.02-01 Next Generation Fare Gates**

**Scope:**

BART's existing fare gates, procured under the Automatic Fare Collection (AFC) Modernization Project 47BC-110, circa. 1999, were placed into service in 2002 - 2003. "AFC Modernization" provided automatic fare collection equipment (AFCE) for the first system-wide replacement of fare gates since BART opening in 1972. Since then BART has procured and installed additional new fare gates for extension stations with similar functionality to the existing gates which underwent an "asset refresh" to upgrade critical components of the fare gate equipment that were commercially or technically obsolete.

In recent years, the BART fare collection system has undergone some major changes. Changes impacting the fare gates are:

- Introduction and acceptance of contactless smart card fare media throughout the region and by BART
- Modernization of stations and infrastructure, with increased attention to station architectural aesthetics
- Phasing-out the use of magnetic stripe tickets

In 2019, HNTB completed several memos evaluating alternatives for a next generation replacement of BART's fare gates, including the development of project objectives, high-level requirements, identification and preliminary evaluation of fare gate concepts and a survey of existing fare gate technologies. Subsequently, HNTB mobilized the next phase of procurement planning and development of a Request for Expressions of Interest (RFEI). The RFEI allowed BART to engage the industry and attract interest from global vendors while obtaining critical input needed to determine its procurement approach.

This Scope of Services supports BART in moving with the development of a Request for Proposals (RFP) and support in the evaluation and selection of a vendor for its Next Generation of Fare Gates.

**Prime: HNTB**

**Subconsultants: None**

**Total Work Plan Value: \$ 342,993**