2. SCOPE OF SERVICES

The work is associated with the following two sets of tasks:

1) Hitachi Pre-NTP work that will occur from July 27th through August 31st
2) Hitachi initial work activities that will occur starting on September 1st through November 30th. DSDC work activities were identified based on the Hitachi Schedule titled “CBTC All Activities NTP = B-31-20.pdf”.

The Pre-NTP Work is as follows:

1) Vehicle Fitment
   a. Continued discussions with Bombardier and Hitachi regarding the integration of CBTC on the Bombardier Fleet of the Future vehicles
   b. Support Hitachi vehicle integration workshops
   c. Support weekly meetings with RS&S and Bombardier on Vehicle Interface
   d. Support the development and review of change Notice to Hitachi to require them to subcontract vehicle work to Bombardier
   e. Coordinate with other projects and BART departments

2) ATS/ICS Integration
   a. Support Computer Systems Engineering (CSE) in the development of ICS documentation that can be exchanged with Hitachi
   b. Participate to ATS/ICS integration workshops
   c. Review documentation from Hitachi

3) Other Work Items:
   a. Support Yard Interface Discussions with BART/Hitachi and support development and review of Change Notice
   b. Attend regular meetings with VTA Phase 2 Team as needed
   c. Work with Hitachi to develop the Collaborative Work Plan
   d. Analyze interfacing projects and interface matrix
   e. Participate to transition/orientation sessions with new team members
   f. Attend 60-day forecast sessions with Hitachi

Post-NTP Work once Hitachi is mobilized: September 2020 to November 2020

1) Participate in design workshops with Hitachi and Bombardier
2) Review early CDRLS (ATS, vehicle, wayside, legacy signaling, plans and process documents)
3) Support to CSE on ATS/ICS deliverables
4) Interface with VTA Phase 2 Team
5) Develop Yard Interface change notice
6) Startup, attend and chair Working Groups as-needed
7) Support DOORS working environment and Systems Engineering framework
8) Review of Project Management deliverables including Schedules, Management Plans, QA Plans
9) Work with Hitachi on development of Collaborative Work Plan
10) Support/Lead interface management for design interfaces
11) Execute transition/orientation sessions with new team members
Prime: Systra

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**Total Work Plan Value:** $1,678,011