



**Massachusetts Bay  
Transportation Authority**

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## **MBTA Design Contract No. X60PS02**

**Commuter Rail Positive Train Control Engineering and  
Technical Support Services**

**June 24, 2019**



## Project Overview

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- Design, installation, testing, and commissioning of an FRA-approved Positive Train Control system for all MBTA Commuter Rail service.





## Project Award & Milestones

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- System Integration Contract 42-14 (X60CN01) was awarded on December 18, 2015 to Ansaldo STS for \$338,457,154.
  - Notice to Proceed was issued on January 13, 2016.
  - Extension of FRA-mandated deadline for compliance awarded in December 2018.
  - Final Completion is anticipated for December 31, 2020.
  - Warranty period extends through December 31, 2022.



## Base Project Support Contract with LTK

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- LTK, the engineering support consultant for the PTC project, was awarded contract X60PS02 on July 31, 2017 for \$6,954,338.
  - Current contract value is \$6,954,338, not including this action.
  - Amount to authorize under this action is \$2,699,008.96.
  - No proposed time extension under this action.
  - Contract includes cost and time for engineering support and technical services for the PTC Program.
  - The completion date of this contract and proposed amendment is December 31, 2020.



## Contract Action

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- Today's action, if approved, will allow LTK to provide the following additional engineering and technical support under contract X60PS02, Amendment No. 1:
  - Support for accelerated level of effort by the Systems Integrator, Ansaldo STS;
  - Field test witnessing and management;
  - Engineering support for the design and installation of automatic train controls (ATC) on the Franklin, Needham, and Worcester Lines;
  - Engineering support for interoperability issues between MBTA and tenant railroads;
  - Additional support services for federal regulatory stakeholder management.



## Request of the Fiscal and Management Control Board

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The MBTA staff requests that the Fiscal and Management Control Board authorize the MBTA General Manager, or his designee, to award and execute Amendment No. 1 as part of MBTA Contract No. X60PS02 with LTK, for a sum not to exceed \$2,699,008.96, with a completion date on or before December 31, 2020.