



Funding for a Portion of a Regional PTC Contract Between Trinity Metro and Xorail, Inc., a Subsidiary of Wabtec Corporation, for PTC Hosting Services for TRE

Operations, Safety and Security Committee
July 10, 2018

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Background

- The Rail Safety Improvement Act of 2008 (RSIA 2008) mandated that all railroads that provide regularly scheduled commuter rail passenger service must develop a plan for implementing Positive Train Control (PTC) before December 31, 2015.
- Congress extended this deadline to December 31, 2018.
- Trinity Railway Express (TRE) and TEXRail are required to install this technology.

Background (cont'd)

- Key requirement is Interoperability with tenants
 - Burlington Northern and Santa Fe (BNSF)
 - Union Pacific (UP)
 - Amtrak
 - Dallas-Garland-Northeastern Railroad (DGNO)
 - Fort Worth and Western Railroad (FWWR)
 - TEX Rail
- Selected Wabtec's Interoperable Electronic Train Management System (I-ETMS)
- Requires Hosting Services for the Interoperable Train Control Messaging (ITCM)

Background (cont'd)

- In an effort to minimize duplication and to maximize savings, TEXRail and TRE intend to procure PTC hardware, software, 220 MHz radio spectrum, PTC data radios, PTC installation & integration services, and ITCM hosting services jointly.
 - DART's Responsibilities
 - Procure 220 MHz radio spectrum – BNSF / PTC220 LLC
 - Procure PTC data Radios – Meteorcomm LLC
 - Install Fiber Optic Network – MCI / Verizon
 - FWTA's Responsibility
 - Regional PTC System Integration – Wabtec Corporation
 - Regional PTC ITCM Hosting Services – Wabtec Corporation

Background (cont'd)

- FWTA is acting as the procuring agency for this contract
- FWTA Commuter Rail Committee approved this item on June 18, 2017
- FWTA Board of Directors approved this item on June 25, 2018
- Contract award amount is \$2,856,664 plus 10% contingency of \$285,666 for a total authorized amount of \$3,142,330
- Hosting Services will be shared jointly by TRE and TEX Rail
 - Total Contract \$ 3,142,330
 - Local Funding \$ 3,142,330
 - TRE Funding \$ 1,571,165
 - DART Funding \$ 785,583
- Authorized amount \$ **785,583**

Recommendation

- Approval of a resolution authorizing the President/Executive Director or his designee to fund DART's portion of a purchase contract to be issued by the FWTA to Wabtec Corporation for Hosting Services for the Interoperable Train Control Messaging (ITCM) for Trinity Railway Express, in a total authorized amount not to exceed \$785,583, which will be funded by DART local funds.



trinityrailwayexpress.org