



***WABTEC I-ETMS Maintenance and Services
Agreement
21-JT-002***

Caltrain PTC - WABTEC I-ETMS Solution

- Awarded to Wabtec on 03/18 for delivery of Caltrain PTC system
- Entered PTC Revenue Service Demonstration (RSD) on 9/19
- Interoperable with UPRR and other tenants on 2/20
- Submitted PTC Safety Plan (PTCSP) 6/20
- Conditional approval from FRA 12/20
- I-ETMS Warranty (SW and HW) ends on Sept 6, 2020
- I-ETMS maintenance support service agreement with Wabtec is recommended here for September JPB Board

Base Term Services under Fixed Price

- PTC product support and defect resolution services;
- On-Board software planned and unplanned releases;
- Back Office Server (BOS) planned and unplanned release
- PTC Interoperable Train Control Messaging System (ITCM),; Key Exchange Server (KES) and Office Communication Manager (OCM) Applications' support;
- TALON - Wabtec's Data and Change Management application;
- PTC system restoration; and
- PTC documentation updates.

Optional Services under Time & Material

- Field and Lab Integration Services;
- Track Database Service and Field Validations;
- System Integration Engineering Services;
- Data Communication System Network Services;
- Wayside Signal Maintenance Services;
- On-Board Hardware Repair and On-Site Maintenance Services; and
- PTC System Training Services.

Additional Projects

- Work Directives for Discrete Projects or Services
 - KES alternate solution

I-ETMS Maintenance Service Contract Duration

- Term of Agreement for base service is three years upon NTP after JPB board approval;
- Annual service and performance review will be conducted if the agreement should be renewed after base term, and if any adjustments are needed to improve the Services provided during the next year.
- Performance evaluation will be based on how well Wabtec is meeting Service Level Targets and Responses time
- Staff will inform the Board of the outcome of each annual review during Initial and Renewal Terms.
- The base fee and labor rates for renewal terms are set at the initial rates with applicable escalations. It will be renewed annually after successful performance review performed by Caltrain

I-ETMS Maintenance and Support Agreement Annual Costs

- An annual “**Base Fee**” is \$3,129,951
- The escalation is based on Producer Price Index (the “PPI”)
Industry Data for Line-Haul Railroads

	Year 1	Year 2	Year 3	Total
Total Fixed Price	\$ 2,308,951	\$ 3,239,498	\$ 3,352,881	\$ 8,901,329
Total Time & Material	\$ 793,762	\$ 705,369	\$ 674,155	\$ 2,173,286
Total Spare and Hardware Repair	\$ 25,000	\$ 30,000	\$ 200,000	\$ 255,000
Special Projects		\$ 300,000		\$ 300,000
			Total	\$ 11,629,615