



SFMTA

Central Subway Project Hitachi Contract 1266-2 Contract Modification #4

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Contract Background Information

- Contract 1266-2 Scope was to design, build, and test train control system compatible with Market Street ATCS in Central Subway.
- Contract issued to Thales (now Hitachi) in Dec 2013.
- Contract initially managed by Tutor-Perini.
- Contract was reassigned to SFMTA from Tutor-Perini in 2019.
- Substantial completion achieved for 1266-2 work in August 2022.

History of Previous Modifications

- Modification #1, Dec 2019 – Reassignment of 1266-2 from Tutor back to SFMTA.
- Modification #2, February 2021 -- Changed ATCS equipment designs.
- Modification #3, April 2021 – Updated train control design to conform to national fire codes, paid Hitachi to accelerate completion of work, extended the term to April 2022, and paid delay claims.

Modification #4

- Thales now called Hitachi Rail GTS USA Inc.
- Updated train control design for better throughput of non-communicating trains (\$392,992.43).
- Compensated Hitachi for delays (\$996,684.59).
- Increased contract value to account for payment of Hitachi retention owed by Tutor (\$705,407.80).
- Modifies substantial completion date to August 2022, extending warranty to August 2025.
- *Together increasing the contract \$2,095,084.82, for a total modified contract amount of \$29,825,385.22.*

Details Compensation for Delays

- **Delays to Field Testing** -- 34 Days of delay from August 9 to September 13, 2021, due construction delays in the project. SFMTA and Hitachi negotiated a settlement amount of \$600,000.
- **Delays Due to Fire at YBM Station Traction Power Substation** -- Contractor's work was delayed 14 Days from July 6 to July 20, 2022 due to a fire at the Yerba Buena Station traction power substation. SFMTA and Hitachi negotiated a settlement amount of \$255,563.95.
- **Delays Due to Work Zone Violation** -- 88 days delays from August 7 to November 3, 2023 due to a work safety zone violation in the Central Subway during testing and SFMTA's re-evaluation of ATCS test procedures. This violation delayed Contractor's release and testing of changes to the Central Subway software. SFMTA and Hitachi negotiated a settlement amount of \$141,120.64.