

PERSONAL SERVICES CONTRACT SUMMARY ("PSC FORM 1")

Department: MUNICIPAL TRANSPORTATION AGENCY -- MTA Dept. Code: MTA

Type of Request: [X] Initial [] Modification of an existing PSC (PSC # _____)

Type of Approval: [] Expedited [X] Regular [] Omit Posting

Type of Service: Train control system design and procurement

Funding Source: Federal/General/Sales Tax/Operating Funds PSC Duration: 28 years 1 week
PSC Amount: \$351,000,000 PSC Est. Start Date: 01/16/2025 PSC Est. End Date: 01/16/2053

1. Description of Work

A. Scope of Work:

The Train Control Upgrade Project (TCUP) is a capital project that will procure a new Communications Based Train Control (CBTC) system to replace the aging train control signal system currently installed in the Market Street Subway and expand CBTC to the surface. It will provide operations and service planning staff with the tools necessary to deliver reliable, speedy, high-frequency rail transit to, from, and within downtown San Francisco. When installed, the new CBTC system will cover the entire Muni Metro railway. This system will also require long-term support from the supplier in order to meet SFMTA's requirements and ensure safety, reliability, availability, and maintainability at all times.

The CBTC system needs to be designed and engineered to meet SFMTA's requirements and ensure safety, reliability, availability, and maintainability. After preliminary design, train control components will be installed along the Muni Metro trackway and fitted to the LRV4 light rail vehicles in a geographically phased approach. Each phase will feature detailed design and construction, with project completion expected in FY35.

This contract includes design and engineering services necessary to develop a CBTC system, new and

B. Explain why this service is necessary and the consequence of denial:

The current Automatic Train Control System (ATCS) in the Market Street Subway has exceeded its useful life and needs replacement. SFMTA spends \$2 million annually to maintain the existing system, and yet it remains unreliable. Component failures are persistent, and frequently lead to congestion in the subway and delays for Muni Metro service. Additionally, the system is becoming increasingly difficult to maintain due to obsolescence. Certain components of the system were declared obsolete by the manufacturer in 2018 and spare components are increasingly unavailable or too costly to replace.

Denying this service would result in SFMTA continuing to use the current train control system. SFMTA

C. Has this service been provided in the past. If so, how? If the service was provided via a PSC, provide the most recently approved PSC # and upload a copy of the PSC.

The existing train control system was originally procured from a third-party train control vendor, Thales, who provided design and engineering services for the system. They are also the sole source for spare equipment.

Please see attached SFMTA Board Resolution No. 09-062 / SFMTA Contract No. 1226 and approved PSC # 44370 18/19

D. Will the contract(s) be renewed? No, The contract agreement will have a base term of 18 years, which may

2. Union Notification: On 05/16/2024, the Department notified the following employee organizations of this PSC/RFP request: all unions were notified

FOR DEPARTMENT OF HUMAN RESOURCES USE

PSC# 44370 - 23/24

DHR Analysis/Recommendation:

07/15/2024

Commission Approval Required

DHR Approved for 07/15/2024

Approved by Civil Service Commission with conditions

3. Description of Required Skills/Expertise

A. Specify required skills and/or expertise:

The SFMTA will require expertise in designing train control systems as well as experience integrating this technology into existing active service railways. The train control system designer will have successfully provided CBTC to agencies of similar size and complexity as SFMTA. Train control systems are proprietary technology, and their design requires special knowledge of the system which is generally only obtainable through train control suppliers.

B. Which, if any, civil service class(es) normally perform(s) this work?
none,

C. Will contractor provide facilities and/or equipment not currently possessed by the City? If yes, explain:

Yes. The contractor will provide modern Communications Based Train Control (CBTC) equipment that the City does not currently possess. This equipment is specially manufactured and only available through third-party train control vendors.

4. Why Classified Civil Service Cannot Perform

A. Explain why civil service classes are not applicable:

Design, engineering, and long-term support for proprietary train control systems is a specialty service that the City does not have an applicable civil service class to provide. The system design and long-term technical support for the existing train control system has been provided by the original system supplier, so the City has not had a need to establish classifications to perform this work. Furthermore, designing and engineering a train control system is fulfilling a one-time capital program requirement, and is not an ongoing job duty that would require a

B. Would it be practical to adopt a new civil service class to perform this work? Explain.

No. Even if a new civil service class were to be established, there will not be an ongoing need to design and deliver train control systems within SFMTA. In addition to the lack of ongoing need, there is simply a lack of train control expertise in the United States; transit agencies must rely on one of a few large multinational corporations

5. Additional Information (if "yes", attach explanation)

YES NO

- A. Will the contractor directly supervise City and County employee? YES NO
- B. Will the contractor train City and County employee?
The contractor will prepare SFMTA staff to use, configure, and maintain the YES NO
- C. Are there legal mandates requiring the use of contractual services? YES NO
- D. Are there federal or state grant requirements regarding the use of contractual services? YES NO
- E. Has a board or commission determined that contracting is the most effective way to provide this service? YES NO
- F. Will the proposed work be completed by a contractor that has a current PSC contract with your department? YES NO

THE ABOVE INFORMATION IS SUBMITTED AS COMPLETE AND ACCURATE ON BEHALF OF THE DEPARTMENT HEAD ON 06/18/2024 BY:

Name: Simon Abulencia Phone: 415-646-2366 Email: simon.abulencia@sfmta.com

Address: 1 South Van Ness 6th Floor San Francisco, CA 94103



**CIVIL SERVICE COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**

**LONDON N. BREED
MAYOR**

Sent via Electronic Mail

July 17, 2024

NOTICE OF CIVIL SERVICE COMMISSION ACTION

SUBJECT: REVIEW OF REQUEST FOR APPROVAL OF PROPOSED PERSONAL SERVICES CONTRACT 44999-23/24; 41477-23/24; 43877-23/24; 45475-23/24; 48145-23/24; 45106-23/24; 47885-23/24; 49509-23/24; 49838-23/24; 44370-23/24; 47881-18/19; 45745-23/24; 41452-21/22; 46341-22/23; 44782-20/21 AND 48427-17/18.

At its meeting on **July 15, 2024**, the Civil Service Commission had for its consideration the above matter.

The Civil Service Commission:

- 1) Approved PSC# 45106-23/24 from the Department of Public Works (DPW) on a one-time basis.
- 2) Approved PSC# 47885-23/24 from the Department of Public Health (DPH).
- 3) Approved PSC# 49509-23/24 from the Department of Public Health (DPH) with the condition to remove the extraneous of classifications; only classifications 2587 – Health Worker III, 2588 – Health Worker IV, 2910 – Social Worker, and 2930 – Behavioral Health Clinician apply. Report back to Executive Officer, Sandra Eng within one week with data on the number of people this Personal Service Contract will serve and how that number differs from the number of people served under PSC 48427-17/18.
- 4) Approved PSC# 49838-23/24 from the Department of Public Health (DPH).
- 5) Approved PSC# 48427-17/18 from the Department of Public Health (DPH).
- 6) **Approved PSC# 44370-23/24** from the Municipal Transportation Agency (MTA) with the condition of reporting back to the Commission in year three (3), in year four (4), and then every four (4) years thereafter. Report back on the progress of each component, identifies status of any work brought in-house, knowledge transfer and possible training of any staff not just Local 21 members, status and summary of discussions with applicable employee organizations; and any other pertinent factors including but not limited to changes in direction.
- 7) Adopted the report. Approved the remaining requests for proposed Personal Services Contract; Notify the office of the Controller and the office of Contract Administration.

If this matter is subject to Code of Civil Procedure (CCP) Section 1094.5, the time within which judicial review must be sought is set forth in CCP Section 1094.

NOTE: It is important that a copy of this action be kept in the department files as you will need it in the future as proof of Civil Service Commission approval. Please share it with everyone responsible for follow-up.

CIVIL SERVICE COMMISSION

LAVENA HOLMES
Deputy Direct

Attachment

Cc: Simon Abulencia, Municipal Transportation Agency
Reanna Albert, Department of Public Health
Cynthia Avakian, Airport Commission
Alexander Burns, Department of Public Works
Shawndrea Hale, Public Utilities Commission
Kelly Hiramoto, Department of Public Health
Lynn Khaw, Office of the City Administrator
Elissa Koestenbaum, Fire Department
Daniel Kwon, Public Utilities Commission
Joan Lubamersky, Office of the City Administrator
Amy Nuque, Municipal Transportation Agency
Commission File
Chron