

1 [Agreement Amendment - AECOM Technical Services, Inc. - Mountain Tunnel Improvement
2 Project - Not to Exceed \$34,000,000]

3 **Resolution approving and authorizing the General Manager of the San Francisco Public**
4 **Utilities Commission to execute Amendment No. 3 to Professional Services Agreement**
5 **No. PRO.0096, Mountain Tunnel Improvement Construction Management Services, with**
6 **AECOM Technical Services, Inc., increasing the contract by \$9,500,000 for a total**
7 **contract not to exceed amount of \$34,000,000 and extending the contract duration by**
8 **five months from July 31, 2027, for a total contract term from July 31, 2019, through**
9 **December 30, 2027, to continue providing specialized construction management**
10 **services for the Mountain Tunnel Improvements Project, pursuant to Charter, Section**
11 **9.118.**

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13 WHEREAS, The Mountain Tunnel (the Tunnel), constructed between 1917 and 1925,
14 conveys all water delivered from the Hetch Hetchy Reservoir, in Yosemite National Park, to
15 the Bay Area, extending 19 miles from Kirkwood Powerhouse to Priest Reservoir; and

16 WHEREAS, The Tunnel is a critical, non-redundant link in the Hetch Hetchy water
17 system; and

18 WHEREAS, Having been in service since 1925, sections of the original lining have
19 deteriorated due to age, original construction deficiencies, and deferred maintenance,
20 resulting in vulnerabilities to meeting the water quality and delivery reliability level-of-service
21 objectives; and

22 WHEREAS, The Mountain Tunnel Improvements Project (Project) is a multi-year project
23 to perform rehabilitation and improvements to extend the life of this critical water conveyance
24 facility, and the San Francisco Public Utilities Commission (SFPUC) staff required construction
25

1 management services to assist them in supervision of the contractor's construction work at this
2 Project; and

3 WHEREAS, On October 10, 2018, the SFPUC advertised Request for Proposals
4 Agreement No. PRO.0096, Mountain Tunnel Improvements Construction Management
5 Services, seeking to hire a construction management firm to provide supervision support for the
6 Project; and

7 WHEREAS, The SFPUC and Contract Monitoring Division (CMD), upon reviewing the
8 scores, determined that AECOM Technical Services, Inc., was the highest-ranking firm based
9 on the established scoring criteria; and

10 WHEREAS, The CMD established a 12% Local Business Enterprise (LBE)
11 subconsultant participation requirement on this project and AECOM Technical Services, Inc.
12 committed to LBE subconsultant participation of 26.8%; and

13 WHEREAS, On April 23, 2019, by Resolution No. 19-0085, the SFPUC awarded
14 Contract No. PRO.0096, Mountain Tunnel Improvements Construction Management Services,
15 to AECOM Technical Services, Inc., for a not to exceed amount of \$24,500,000, and a
16 duration of eight years, to provide support to the SFPUC to perform construction management
17 and inspection services for the ongoing construction Contract HH-1000R, Mountain Tunnel
18 Improvements Project; and

19 WHEREAS, On June 5, 2019, by Resolution No. 278-19, this Board of Supervisors
20 authorized the General Manager of the SFPUC to enter into a professional services
21 agreement with AECOM Technical Services, Inc. to provide support to the SFPUC to perform
22 construction management and inspection services for the ongoing construction Contract HH-
23 1000R, Mountain Tunnel Improvements Project, for a not to exceed amount of \$24,500,000
24 and a duration of eight years; and

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1 WHEREAS, This professional services agreement provides specialized expertise in
2 managing and inspecting tunnel rehabilitation construction work and related improvements,
3 including construction of access tunnel adits, deep shafts, underground flow control valving
4 and steel piping, lining repairs and contact grouting, as well as other specialized work; and

5 WHEREAS, On January 4, 2021, Amendment No. 1 was executed to include the
6 Community Benefits language for the Request for Proposals (RFP) that was inadvertently left
7 out of the executed agreement in error, and with no changes to the agreement amount or
8 duration; and

9 WHEREAS, On August 6, 2021, Amendment No. 2 was executed to update an error to
10 the Other Direct Costs language, and with no changes to the agreement amount or duration;
11 and

12 WHEREAS, The SFPUC requires the continued services of this qualified construction
13 management firm for the duration of construction to supplement SFPUC Construction
14 Management Bureau staff to monitor project budget, schedule, and scope, to provide quality
15 assurance inspection and construction document control for Contract HH-1000R; and

16 WHEREAS, Cost increases are primarily due to the need for increased quantity of
17 inspection services but also for increased environmental construction compliance services
18 and contract administration; and

19 WHEREAS, The original estimate underestimated the number of inspectors and shifts
20 required for the multiple project locations and work activities along the 19-mile-long corridor as
21 well as continuous 24 hours/7 day 12-hour duration construction work schedules during the
22 five annual multi-month tunnel shutdown periods; and

23 WHEREAS, The contract budget increase is also needed for increased environmental
24 construction compliance services resulting from winter storm damage to the various project
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1 locations and increased compliance services for the construction water treatment plant to
2 meet regulatory compliance; and

3 WHEREAS, The proposed amendment also provides a budget for the unanticipated
4 additional contract administration and management costs incurred to support removal of the
5 scope of work for the South Fork site and various roadway improvements from construction
6 Contract HH-1000R (the construction work for the Project); and

7 WHEREAS, The duration extension in Amendment No. 3 is needed to provide
8 additional time for the CM Consultant to assist with the extensive closeout documentation for
9 this complex construction Project and to help resolve any outstanding claims that may be
10 submitted by the contractor at the end of the Project; and

11 WHEREAS, On October 22, 2024, by Resolution No. 24-0221, the SFPUC approved
12 Amendment No. 3 to Professional Services Agreement No. PRO.0096, Mountain Tunnel
13 Improvement Construction Management Services, with AECOM Technical Services, Inc.,
14 increasing the contract by \$9,500,000 and extending the contract duration by five months, for
15 a total contract amount of \$34,000,000 and a total contract duration of eight years and five
16 months, starting July 31, 2019, through December 30, 2027, to continue providing specialized
17 construction management services for the Mountain Tunnel Improvements Project, subject to
18 Board of Supervisors approval under Section 9.118; and

19 WHEREAS, Charter, Section 9.118(b) requires Board of Supervisors' approval by
20 Resolution of any contract which, when entered into, extends over 10 years, and of any
21 contract which, when entered into, costs the City \$10,000,000 or more; and

22 WHEREAS, The proposed Amendment contained in File No. _____, is substantially in
23 final form, with all material terms and conditions included, and only remains to be executed by
24 all parties upon approval of this Resolution; now, therefore, be it

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1 RESOLVED, That this Board of Supervisors hereby authorizes the General Manager of
2 the SFPUC to execute Amendment No. 3 to Professional Services Agreement No. PRO.0096
3 with AECOM Technical Services, Inc., increasing the contract by \$9,500,000 and extending
4 the contract duration by five months, for a total contract amount of \$34,000,000 and a total
5 contract duration of eight years and five months, to continue providing specialized
6 construction management services for the Mountain Tunnel Improvements Project; and, be it

7 FURTHER RESOLVED, That within 30 days of Amendment No. 3 being fully executed
8 by all parties to this contract, the SFPUC shall provide signed copies of the contract
9 amendment to the Clerk of the Board for inclusion in the official file.

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