

1 [Water Enterprise Agreement - McMillen Jacobs Associates - Planning and Design Services,
2 Mountain Tunnel Improvements - Not to Exceed \$28,780,000]

3 **Resolution approving Amendment No. 1 to the Mountain Tunnel Improvements Project,**
4 **Agreement No. CS-249, Planning and Design Services, Mountain Tunnel Improvements,**
5 **with McMillen Jacobs Associates, to increase the contract amount by \$7,780,000 and**
6 **increase the contract duration by three years, for a total not to exceed contract amount**
7 **of \$28,780,000 and a total contract duration of 13 years, with a new term period of**
8 **February 2016 through February 2029, to provide specialized engineering services for**
9 **the Mountain Tunnel improvements Project, pursuant to Charter, Section 9.118.**

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11 WHEREAS, Mountain Tunnel is a critical, non-redundant link in the Hetch Hetchy water
12 system, conveying the San Francisco Public Utilities Commission (SFPUC) water supply from
13 Kirkwood Powerhouse to Priest Reservoir having been in service since 1925, sections of the
14 original lining have been deteriorated, due to age, original construction deficiencies and
15 deferred maintenance, leaving the SFPUC vulnerable to not meeting the Levels of Service
16 objectives and deliver reliability; and

17 WHEREAS, On December 15, 2015, by Resolution No. 519-15, the Board of
18 Supervisors (Board) approved the award of Agreement No. CS-249, Planning and Design
19 Services, Mountain Tunnel Improvements, with an amount not to exceed \$21,000,000, and
20 with a duration of up to ten years, to McMillen Jacobs Associates (MJA) for its necessary
21 specialized expertise in design and rehabilitation of deep tunnels through hard rock; and

22 WHEREAS, The original scope of services for Agreement No. CS-249 was for the
23 planning, design, and engineering support during construction (ESDC) of a new 12-mile
24 bypass tunnel; and

1 WHEREAS, An alternatives analysis recommended that the scope be changed to
2 instead rehabilitate the original tunnel and construct a new downstream flow control facility
3 that is estimated to save between \$260 million to \$370 million in capital costs; and

4 WHEREAS, Due to the major scope change from a bypass tunnel to a more extensive
5 project including rehabilitation of the existing tunnel, improvements to access roadways, a
6 new flow control facility, and other miscellaneous improvements, additional ESDC services
7 are required to support the existing construction contract (HH-1000R) through its duration;
8 and

9 WHEREAS, SFPUC is seeking approval of Amendment No. 1 to increase the
10 agreement by \$7,780,000, and extend the agreement duration by three years, to February
11 2029, increasing the total not to exceed agreement amount to \$28,780,000 and extending the
12 agreement duration to 13 years to continue support during the six years of construction, and
13 to provide engineering support for project closeout; and

14 WHEREAS, A delay in amending the agreement will potentially delay capital
15 improvements to Mountain Tunnel, which if unaddressed, will result in extending the water
16 quality and delivery reliability risks associated with the existing condition of the Mountain
17 Tunnel; and

18 WHEREAS, A Contract Monitoring Division (CMD) established a sub consulting
19 requirement of 10% Local Business Enterprise (LBE) participation of the total value of
20 services to be provided has been established for this agreement, and MJA, committed to an
21 LBE sub consulting participation of 13.84% with their proposal, remains unchanged; and

22 WHEREAS, Funds for these agreements are available from Project No. CUH 10221
23 operating and/or capital budget; and

24 WHEREAS, On April 12, 2022, by Resolution No.22-0067, the SFPUC approved
25 Amendment No. 1 to the Mountain Tunnel Improvements Project funded Agreement No. CS-

1 249, Planning and Design Services, Mountain Tunnel Improvements, with MJA, increasing the
2 agreement by \$7,780,000 and increasing the agreement duration by three years, subject to
3 the Board of Supervisors approval under Charter, Section 9.118; now, therefore, be it

4 RESOLVED, That this Board of Supervisors hereby authorizes the General Manager of
5 the San Francisco Public Utilities Commission to execute Amendment No.1 to the Mountain
6 Tunnel Improvements Project, CUH 10221-funded Agreement No. CS-249, Planning and
7 Design Services, Mountain Tunnel Improvements, with McMillen Jacobs Associates,
8 increasing the contract by \$7,780,000 and increasing the contract duration by three years, for
9 a total not-to-exceed contract amount of \$28,780,000 and a total contract duration of 13
10 years, to provide specialized engineering services for the Mountain Tunnel improvements
11 Project; and

12 FURTHER RESOLVED, That within thirty (30) days of the agreement being fully
13 executed by all parties the San Francisco Public Utilities Commission shall provide the final
14 agreement to the Clerk of the Board for inclusion into the official file.