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

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

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

WHEREAS, The original scope of services for Agreement No. CS-249 was for the planning, design, and engineering support during construction (ESDC) of a new 12-mile bypass tunnel; and
WHEREAS, An alternatives analysis recommended that the scope be changed to
instead rehabilitate the original tunnel and construct a new downstream flow control facility
that is estimated to save between $260 million to $370 million in capital costs; and

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

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

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

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

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

WHEREAS, On April 12, 2022, by Resolution No.22-0067, the SFPUC approved
Amendment No. 1 to the Mountain Tunnel Improvements Project funded Agreement No. CS-
RESOLVED, That this Board of Supervisors hereby authorizes the General Manager of the San Francisco Public Utilities Commission to execute Amendment No. 1 to the Mountain Tunnel Improvements Project, CUH 10221-funded Agreement No. CS-249, Planning and Design Services, Mountain Tunnel Improvements, with McMillen Jacobs Associates, increasing the contract by $7,780,000 and increasing the contract duration by three years, for a total not-to-exceed contract amount of $28,780,000 and a total contract duration of 13 years, to provide specialized engineering services for the Mountain Tunnel improvements Project; and

FURTHER RESOLVED, That within thirty (30) days of the agreement being fully executed by all parties the San Francisco Public Utilities Commission shall provide the final agreement to the Clerk of the Board for inclusion into the official file.
Resolution approving Amendment No. 1 to the Mountain Tunnel Improvements Project, Agreement No. CS-249, Planning and Design Services, Mountain Tunnel Improvements, with McMillen Jacobs Associates, to increase the contract amount by $7,780,000 and increase the contract duration by three years, for a total not to exceed contract amount of $28,780,000 and a total contract duration of 13 years, with a new term period of February 2016 through February 2029, to provide specialized engineering services for the Mountain Tunnel improvements Project, pursuant to Charter, Section 9.118.

May 25, 2022 Budget and Finance Committee - RECOMMENDED

June 07, 2022 Board of Supervisors - ADOPTED
Ayes: 10 - Chan, Dorsey, Mar, Melgar, Peskin, Preston, Ronen, Safai, Stefani and Walton
Absent: 1 - Mandelman

I hereby certify that the foregoing Resolution was ADOPTED on 6/7/2022 by the Board of Supervisors of the City and County of San Francisco.

Angela Calvillo
Clerk of the Board

London N. Breed
Mayor

Date Approved 6/17/22