

1 [Planning and Engineering Services Agreement - Brown and Caldwell - Southeast Plant
2 Biosolids Digester Facilities - Not to Exceed \$208,500,000]

3 **Resolution authorizing the General Manager of the San Francisco Public Utilities**
4 **Commission to execute Amendment No. 2 to Wastewater Enterprise Contract No. CS-**
5 **235, Planning and Engineering Services, Southeast Plant (SEP) Biosolids Digester**
6 **Facilities, with Brown and Caldwell, to increase the contract amount by \$55,000,000 for**
7 **a total not to exceed amount of \$208,500,000 and increase the contract duration by**
8 **three years and six months, for a total duration of 16 years from July 29, 2013, through**
9 **July 28, 2029, pursuant to Charter, Section 9.118.**

10

11 WHEREAS, The existing digester and solids handling facilities at the San Francisco
12 Public Utilities Commission (SFPUC) Southeast Water Pollution Control Plant (SEP)
13 represent technology developed in the 1940's and are currently operating well beyond their
14 useful lives; with SEP receiving 80% of the City's wastewater/storm water flows, the failure of
15 the digestion and/or solids handling processes would be catastrophic; the SFPUC's ability to
16 treat wastewater would be compromised, resulting in public health, safety, regulatory, and
17 environmental impacts; and

18 WHEREAS, The SFPUC's Biosolids Digester Facilities Project will replace SEP's aging
19 digester and solids handling facilities with new infrastructure to maintain long-term regulatory
20 compliance and system reliability; and

21 WHEREAS, On May 28, 2013, by Resolution No. 13-0086, the SFPUC awarded
22 Contract No. CS-235 with Brown and Caldwell for specialized planning and engineering
23 services for the proposed new Southeast Plant Biosolids Digester Facilities for an amount not
24 to exceed \$80,000,000 and with a duration of ten (10) years, concluding on August 31, 2023;
25 and

1 WHEREAS, On July 16, 2013, by Resolution No. 243-13, the Board of Supervisors
2 approved Contract CS-235, pursuant to Charter, Section 9.118; and

3 WHEREAS, On March 28, 2017, by Resolution No. 17-0058, the SFPUC approved
4 Amendment No. 1 to CS-235 increasing the contract amount by \$73,500,000 and extending
5 the contract duration by of two years and six months, for a total contract not to exceed amount
6 of \$153,500,000, and total duration of 12 years and six months to provide continued
7 specialized engineering services for design completion, engineering support during
8 construction, and facility start-up and commissioning, consistent with the Construction
9 Manager/General Contractor (CM/GC) project delivery approach; and

10 WHEREAS, On May 9, 2017, by Resolution No. 169-17, the Board of Supervisors
11 approved Amendment No. 1 to Contract No. CS-235 under Charter, Section 9.118; and

12 WHEREAS, In October 2019, the design team under the CS-235 Contract along with
13 the CM/GC and SFPUC staff conducted an extensive cost reduction effort to identify potential
14 cost savings to mitigate the project cost and schedule impacts, which resulted in project scope
15 changes that extended the design phase; and

16 WHEREAS, The construction of the Biosolids Digester Facilities began in 2019 and is
17 well underway with construction completion anticipated in 2028; and

18 WHEREAS, The SFPUC is seeking approval of Amendment No. 2 to Contract CS-235,
19 increasing the contract value by \$55,000,000 and extending the contract duration by three
20 years and six months, increasing the total contract not to exceed amount to \$208,500,000 and
21 the total agreement duration to 16 years to address the added design work and longer
22 construction schedule, and to ensure that engineering support from the Brown and Caldwell
23 team is available through construction and through facility start-up and commissioning of the
24 new biosolids facilities; and

1 WHEREAS, Funding for proposed CS-235 Amendment No. 2 is available from Project
2 No. CWWSIPDP01, Biosolids Digester Facilities Project; and

3 WHEREAS, The Contract Monitoring Division (CMD) established a 10% Local
4 Business Enterprise (LBE) subconsultant participation requirement for this contract, and
5 Brown and Caldwell remain committed to 14.12% LBE participation; and

6 WHEREAS, On June 28, 2022, by Resolution No. 22-0124, the SFPUC approved
7 Amendment No. 2 to Wastewater Enterprise Contract No. CS-235, Planning and Engineering
8 Services, Southeast Plant (SEP) Biosolids Digester Facilities, with Brown and Caldwell,
9 increasing the contract amount by \$55,000,000 and extending the contract duration by three
10 years and six months, for a total not to exceed amount of \$208,500,000 and a total duration of
11 16 years, subject to Board of Supervisors approval pursuant to Charter Section 9.118; now,
12 therefore, be it

13 RESOLVED, That this Board of Supervisors hereby approves and authorizes the
14 General Manager of the SFPUC to execute Amendment No. 2 to Wastewater Enterprise
15 Contract No. CS-235, Planning and Engineering Services, Southeast Plant (SEP) Biosolids
16 Digester Facilities, with Brown and Caldwell, increasing the contract amount by \$55,000,000
17 for a total not to exceed amount of \$208,500,000 and extending the contract duration by three
18 years and six months, and a total duration of 16 years from July 29, 2013, through July 28,
19 2029; and

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