

1 [Professional Services Agreement - CDM Smith, Inc. - Planning, Design, Engineering Support  
2 During Construction of Ozonation Facility - Not to Exceed \$15,000,000]

3 **Resolution authorizing the General Manager of the San Francisco Public Utilities**  
4 **Commission to execute a contract with CDM Smith, Inc. for planning and design**  
5 **services, and possibly engineering support during construction, for a proposed Sunol**  
6 **Valley Water Treatment Plant Ozonation project, for an amount not to exceed**  
7 **\$15,000,000 and a term of six years from March 2020 through March 2026, pursuant to**  
8 **Charter, Section 9.118.**

9  
10 WHEREAS, The San Francisco Public Utilities Commission (SFPUC)'s San Antonio  
11 and Calaveras reservoirs, both located in Alameda County, capture and store surface water  
12 supplies that are treated at the Sunol Valley Water Treatment Plant prior to distribution to  
13 SFPUC wholesale and retail water customers; and

14 WHEREAS, During the last 10 years, the San Antonio and Calaveras reservoirs have  
15 experienced increasing algal levels, causing the Sunol Valley Water Treatment Plant to  
16 periodically experience taste and odor (T&O) events due to algal blooms; and

17 WHEREAS, The most commonly used treatment processes for algae control in raw  
18 water reservoirs are granular activated carbon filtration, addition of powdered activated  
19 carbon to the raw water, and addition of ozone (ozonation); and

20 WHEREAS, SFPUC is in the planning phase for development of an Ozonation Facility  
21 at the Sunol Valley Water Treatment Plant to complete the treatment processes needed for  
22 eliminating T&O events for the water at San Antonio and Calaveras reservoirs; and

23 WHEREAS, An Ozonation Facility requires the following equipment: cryogenic liquid  
24 oxygen tanks (LOX tanks), liquid oxygen vaporizers, ozone generators, ozone injectors, an  
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1 ozone contactor, an ozone building, an ozone destruct system, electrical power facilities,  
2 associated piping/appurtenances, and associated automatic controls; and

3 WHEREAS, SFPUC requires the assistance of a professional engineering firm to  
4 perform planning and design for the proposed Sunol Valley Water Treatment Plant Ozonation  
5 Project (Project) to supplement SFPUC staff, and if, following completion of environmental  
6 review, the project is approved, to provide engineering support during construction of the  
7 Project; and

8 WHEREAS, The estimated cost of services is \$15,000,000; and

9 WHEREAS, The Request for Proposals was advertised on June 7, 2019; and

10 WHEREAS, Services are anticipated to begin in March 2020 and end in March 2026,  
11 and the duration of this agreement is six (6) years; and

12 WHEREAS, SFPUC staff and Contract Monitoring Division (CMD) review of the  
13 selection panel evaluations of the proposals and interviews resulted in the establishment of  
14 CDM Smith, Inc. as the best qualified consulting firm; and

15 WHEREAS, CMD established an 8% Local Business Enterprise (LBE) subconsultant  
16 participation requirement on this project, and CDM Smith, Inc. committed to LBE  
17 subconsultant participation of 10.90%; and

18 WHEREAS, CDM Smith, Inc. has been deemed to be in compliance with the Equal  
19 Benefits Provisions of Chapter 12B of the City's Administrative Code; and

20 WHEREAS, Work under this contract will consist solely of planning and design  
21 services, and no engineering support during bid and award, construction, start-up, and  
22 closeout services will be initiated under this contract, until California Environmental Quality  
23 Act (CEQA) review is complete and, if necessary, the appropriate CEQA document is  
24 prepared, and until the Commission has reviewed and considered the CEQA determination  
25 or the approved (Mitigated Negative Declaration) or certified (Environmental Impact Report)

1 CEQA document and has adopted the document, the CEQA findings, and a Mitigation and  
2 Monitoring Reporting Program for the Project, and the SFPUC Commission has approved the  
3 Project; and

4 WHEREAS, In the event that the SFPUC Commission approves the Project, a  
5 separate construction contract would be procured and any engineering support services  
6 during construction would be undertaken only at that time; and

7 WHEREAS, Authorization to execute this contract is not approval of the Project. The  
8 City will separately consider approval of the Project following completion of environmental  
9 review and retains discretion to, among other things, modify the Project to mitigate significant  
10 environmental impacts, require the implementation of specific measures to mitigate any  
11 significant environmental impacts of the Project, or reject the Project; and

12 WHEREAS, Funds for Agreement No. PRO.0120, Engineering Services for Sunol  
13 Valley Water Treatment Plant (SVWTP) Ozonation are available in Water Enterprise 10-Year  
14 Capital Improvements Program Project SVWTP Ozone (10033123); and

15 WHEREAS, On November 12, 2019, the SFPUC approved Resolution No. 19-0210  
16 authorizing the General Manager of the SFPUC to execute an agreement with CDM Smith,  
17 Inc. to perform planning, design, and, possibly, engineering support services during  
18 construction for an amount not to exceed \$15,000,000 and with a duration of six years,  
19 pending approval by the San Francisco Board of Supervisors pursuant to San Francisco  
20 Charter, Section 9.118; now, therefore, be it

21 RESOLVED, That the Board of Supervisors authorizes the General Manager of the  
22 SFPUC to enter into an agreement with CDM Smith, Inc. in substantially the form of  
23 agreement on file with the Clerk of the Board of Supervisors in File No. 191212 in an amount  
24 not-to-exceed \$15,000,000, and a term not-to-exceed six years, commencing in March 2020  
25 and concluding in March 2026; and, be it

1           FURTHER RESOLVED, That within thirty (30) days of the agreement being fully  
2 executed by all parties, the General Manager of the SFPUC shall provide the final agreement  
3 to the Clerk of the Board for inclusion into the official file.  
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**City and County of San Francisco**  
**Tails**  
**Resolution**

City Hall  
1 Dr. Carlton B. Goodlett Place  
San Francisco, CA 94102-4689

**File Number:** 191212

**Date Passed:** January 14, 2020

Resolution authorizing the General Manager of the San Francisco Public Utilities Commission to execute a contract with CDM Smith, Inc. for planning and design services, and possibly engineering support during construction, for a proposed Sunol Valley Water Treatment Plant Ozonation project, for an amount not to exceed \$15,000,000 and a term of six years from March 2020 through March 2026, pursuant to Charter, Section 9.118.

January 08, 2020 Budget and Finance Committee - RECOMMENDED

January 14, 2020 Board of Supervisors - ADOPTED

Ayes: 11 - Fewer, Haney, Mandelman, Mar, Peskin, Preston, Ronen, Safai, Stefani, Walton and Yee

File No. 191212

I hereby certify that the foregoing  
Resolution was ADOPTED on 1/14/2020 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