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