



Civil SERVICE COMMISSION CITY AND COUNTY OF SAN FRANCISCO

CIVIL SERVICE COMMISSION REPORT TRANSMITTAL (FORM 22)

Refer to Civil Service Commission Procedure Number Two for Instructions on Completing and Processing this Form

1. Civil Service Commission Register Number: _____ - _____ -
2. For Civil Service Commission Meeting of: **August 17, 2026**
3. Check One:
Ratification Agenda
Consent Agenda
Regular Agenda ☒
Human Resources Director Report
4. Subject: **PSC # DHRPSC0001632**
5. Recommendation: **Approve the PSC**
6. Report prepared by: Olga Mejia Rocha Telephone number: (415) 622-8435
7. Notifications: **(Attach a list of the person(s) to be notified in the format described in Civil Service Commission Procedure Number Two).**
8. Reviewed and approved for Civil Service Commission Agenda:

Human Resources Director:

Date:
9. Submit the original time-stamped copy of this form and person(s) to be notified (see Item 7 above) along with the required copies of the report to:

**Executive Officer
Civil Service Commission
25 Van Ness Avenue, Suite 720
San Francisco, CA 94102**

10. Receipt-stamp this form in the ACSC RECEIPT STAMP box to the right using the time-stamp in the CSC Office.

Attachment

CSC RECEIPT STAMP



San Francisco Water Power Sewer

Services of the San Francisco Public Utilities Commission

Date: August 6, 2026

MEMORANDUM

To: Civil Service Commission

Through: Sandra Eng

From: San Francisco Public Utilities Commission

RE: Request to Calendar PSC # DHRPSC0001632 for August 17,
2026 CSC Meeting

Urgent Request

The San Francisco Public Utilities Commission (SFPUC) respectfully requests that Personal Services Contract (PSC) No. DHRPSC0001632 is calendared for the **August 17, 2026** CSC meeting.

Background

SFPUC seeks to amend PSC No. DHRPSC0001632 for SFPUC Contract No. CS-249, Mountain Tunnel Design Services. This contract provides engineering support during construction for the active and ongoing SFPUC Construction Contract No. HH-1000R, Mountain Tunnel Improvements Project.

The Mountain Tunnel is an approximately 19-mile-long water tunnel that has been serving the Bay Area since 1925 as part of the Hetch Hetchy Regional Water System. The project includes improvements to address tunnel deterioration due to age, deferred maintenance, original construction deficiencies; vulnerabilities to meeting water quality and delivery reliability level-of-service objectives; and to extend the life of a critical water conveyance facility at the start of the Hetch Hetchy water system. The project is scheduled to complete construction in December 2026.

Reason for Urgency

Due to unanticipated work, administrative delays, and a necessary correction to the PSC that restarted the PSC process and union notification duration, SFPUC is requesting that the PSC is calendared for the August 17, 2026 CSC meeting.

- **Unanticipated work:** PSC No. DHRPSC0001632 was originally submitted June 2, 2026, as soon as the SFPUC Project Team recognized that additional funds would be necessary. There was unanticipated work that the design team supported with earlier this

Daniel Lurie
Mayor

Joshua Arce
President

Stephen E. Leveroni
Vice President

Avni Jamdar
Commissioner

Kate H. Stacy
Commissioner

Meghan Thurlow
Commissioner

Dennis J. Herrera
General Manager



year due to changes during construction, including developing a revised operation plan (interim operations) that takes into account the impact of work that was descope from construction. This is needed so the facility can be safely operated at the completion of the construction project. In June 2026, the design team projected the remainder of work that would be needed to support the project through the rest of construction (ending in December 2026) and as part of that effort, we discovered that we would run out of funds before December 2026.

- **Administrative Delays:** The PSC amendment has experienced administrative delays in reaching the “CSC Admin” approval step in ServiceNow. The delays occurred because both SFPUC PSC Coordinators were out of office, requiring a request for special system access to generate PSC Form 1, where access is limited to two department users.
- **Restart of PSC Process due to Necessary PSC Correction:** When the PSC was already in the “DHR Admin” review step in ServiceNow, it was discovered that there was a necessary PSC correction to the classifications – the classifications had to be corrected to “none” because tunnel engineering design is specialty work, and we do not currently have any City staff with expertise in this type of engineering design. The PSC classification correction required the PSC to be withdrawn from the approval process and for the PSC approval process to restart, including the union review period. All unions were notified of the PSC amendment and we did not receive any comments from any of the unions during the union review period.

Consequences of late September 2026 approval

PSC No. DHRPSC0001632 has now reached the “CSC Admin” step in ServiceNow. Based on the current CSC Calendar, it is expected to be calendared for September 21, 2026, as the first meeting in September has been canceled due to Labor Day. Delaying approval until late September 2026 may result in depletion of necessary funds for engineering support during construction. Without continued engineering support, critical construction activities could be delayed as the contractor is continuing to work towards the December 2026 completion date, but the engineering support has paused. This will impact the delivery of water to SFPUC’s customers, including City and County of San Francisco residents.

Notification List

Cox, Kyndra KCox@sfwater.org
Sanchez, Daniel DSanchez@sfwater.org
Lee, Tedman C tlee@sfwater.org
Ng, Carman CNg@sfwater.org
Teer, Shawn W STeer@sfwater.org
Kyger, Todd TKyger@sfwater.org
Duhe, Helen M HDuhe@sfwater.org
Ureel, Samantha M SUreel@sfwater.org
Baker, Ethan J EBaker@sfwater.org
Mejia Rocha, Olga OMejiaRocha@sfwater.org

Personal Service Contract Summary (PSC Form 1)

PSC Basic Information

Submitting Department: PUC

Submitted By: Tedman Lee

Department Coordinator: Olga Mejia-Rocha,
OMejiaRocha@sfgwater.org

Project Manager: Tedman Lee

ServiceNow Number: DHRPSC0001632

Version: 1.01

Version Type: Amendment

Legacy PSC #: 41561-14/15

Brief description of proposed work: Engineering Design Services for Mountain Tunnel Improvements (CS-249;PRO.0137)

Reason for the Request for Amendment: Additional capacity request to support extended construction, additional unforeseen scope (e.g., modified interim system operations to account for changed construction), and additional commissioning activities

Review Type and Reason

CSC Review Required: Yes

CSC Review Reason(s):

- Requires CSC Approval by Amount

Amount

Previously Approved Amount: \$31,076,000

Increase Amount: \$1,114,000

Why are you requesting the PSC amount to be increased?: Additional capacity request to support extended construction, additional unforeseen scope (e.g., modified interim system operations to account for changed construction), and additional commissioning activities

Total Amended Amount: \$32,190,000

Does contract include items other than services?: No

Duration

Is PSC by Duration or Continuing: Duration

Previously Approved Duration (months): 156

Duration Increase (months): 0

Total Amended Duration (months): 156

First Contract Start Date: 3/10/2016

PSC Duration End Date: 3/10/2029

Funding

Funding Source: City Funds

Special circumstances related to funding: No

Scope of Work

Are you making substantive changes to the scope of work last approved?: No

Clearly describe scope and detail the services to be performed: Original coordinator's email: SJackson@sfgwater.org.

The San Francisco Public Utilities Commission (SFPUC) has initiated an extensive Capital Improvement Program for the Hetch Hetchy Water and Power(HHWP) Enterprise to improve reliability of its water, power, and joint water/power facilities. This work consists of engineering and design services for a new 12-mile water tunnel, as well as the interim rehabilitation of the existing Mountain Tunnel located in Moccasin, CA.

Why are these services required and what are the consequences of denial?: Delay in completing construction of the Mountain Tunnel project

Has your department contracted out these services in the last three years?: No

Board and Commission Approvals

Will any contracts under this PSC require department Commission approval: Yes

Provide details related to contracts for which dept comm approval required: Over threshold amount

Will any contracts under this PSC require Board of Supervisors approval: Yes

Provide details related to contracts for which BOS approval will be required?: Additional capacity request to support extended construction, additional unforeseen scope (e.g., modified interim system operations to account for changed construction), and additional commissioning activities

Justification

Has your response to Q1 changed?: No

Q1 - Are there any regulatory or legal requirements supporting outsourcing of this work?: No

Q2 - Does performing these services cause a conflict of interest?: No

Q3 - Are these proprietary services City is not authorized to do?: No

Q4 - Does City lacks necessary facilities/equipment?: No

Q5 - Are the services required on a temporary basis or on a long-term basis?: Long-term Basis

Q5a) Are the services required on an as-needed, intermittent, or periodic basis?: No

Q5b) Do the services require specialized expertise, knowledge experience?: No

Q5c) Does City have classifications with the required specialized skills or expertise?: No

Q5c1) Should City develop a classification to perform these services?: No

Q5c2) Explain why new a job classification is not feasible: It will be impractical to adopt a new civil service class to perform this work as there is insufficient continuous, long term workload to support a staff of tunnel engineers.

Q5d) Will contractor directly supervise City employees?: No

Q5e) Will contractor train City employees?: No

Q5e1) Explain why training of City employees is not required: Contract is near completion

Q5f) Is there a plan to transition this work back to the City?: No

Q5f1) Explain why the work will not be transitioned back to the City: Construction is near completion

Additional information to support your request (Optional): Additional capacity request to support extended construction, additional unforeseen scope (e.g., modified interim system operations to account for changed construction), and additional commissioning activities

Union Notifications

Have the Job Classes/Labor Unions changed?:

Job Class(es): -None- - None Selected

Labor Unions: No Union Selected -

Labor Union Email Addresses: anthony@dc16.us, charlie@local377.com, mbeauchamp@oe3.org, ccarr@oe3.org, pking@uapd.com, pfinn@ibt856.org, mleach@ibt856.org, plangrooferslocal40@gmail.com, laborers261@gmail.com, nick@dc16.us, PSCreview@seiu1021.org, lvega@nccrc.org, president@twusf.org, PSCreview@seiu1021.org, PSCreview@seiu1021.org, pking@uapd.com, mleach@ibt856.org, cpark@local39.org, jvarga@ibt856.org, PSCreview@seiu1021.org, L21pscreview@ifpte21.org, president@twusf.org, president@sfsherriffmsa.org, cjohnson@bac3-ca.org, mhenneberry@teamsters853.org, staff@sfmea.com, mleach@ibt856.org, laborers261@gmail.com, president@twusf.org, jb@local16.org, john.lenny@sfgov.org, sfcwupresidentjmleonard@yahoo.com, local200twu@sbcglobal.net, staff@sfmea.com, Louis@sfpoa.org, joshv@smw104.org, administration@sffdlocal798.org, PSCreview@seiu1021.org, pmendeziamaw@comcast.net, dvickers@iam1414.org, administration@sffdlocal798.org, larryjr@ualocal38.org, president@twusf.org, WOrellana@opcmialocal300.org, L21pscreview@ifpte21.org, PSCreview@seiu1021.org, President@sanfranciscodsa.com, staff@sfmea.com, mleach@ibt856.org, ibew6@ibew6.org, oashworth@ibew6.org, sfdpoa@yahoo.com, pmendez@ncscarpenters.org, SMcgarry@ncscarpenters.org

Union Review Sent On: 7/21/2026

Union Review End Date: 7/28/2026

Union Review Duration Met On: 7/28/2026

PERSONAL SERVICES CONTRACT SUMMARY ("PSC FORM 1")

Department: PUBLIC UTILITIES COMMISSION

Dept. Code: PUC

Type of Request: ☐ Initial ☒ Modification of an existing PSC (PSC # 41561 - 14/15)

Type of Approval: ☐ Expedited ☒ Regular ☐ Annual ☐ Continuing ☐ (Omit Posting)

Type of Service: Engineering Design Services for Mountain Tunnel Improvements (CS-249;PRO.0137).

Funding Source: Joint Water/Power Revenue Bonds

PSC Original Approved Amount: \$21,000,000 PSC Original Approved Duration: 02/01/16 - 01/31/27 (11 years 2 days)

PSC Mod#1 Amount: \$1,500,000 PSC Mod#1 Duration: no duration added

PSC Mod#2 Amount: \$7,776,000 PSC Mod#2 Duration: 02/01/16-12/31/27 (47 weeks 5 days)

PSC Mod#3 Amount: no amount added PSC Mod#3 Duration: 12/31/27-02/14/29 (1 year 6 weeks)

PSC Mod#4 Amount: \$800,000 PSC Mod#4 Duration: no duration added

PSC Cumulative Amount Proposed: \$31,076,000 PSC Cumulative Duration Proposed: 13 years 2 weeks

1. Description of Work

A. Scope of Work/Services to be Contracted Out:

The San Francisco Public Utilities Commission (SFPUC) has initiated an extensive Capital Improvement Program for the Hetch Hetchy Water and Power(HHWP) Enterprise to improve reliability of its water, power, and joint water/power facilities. This work consists of engineering and design services for a new 12-mile water tunnel, as well as the interim rehabilitation of the existing Mountain Tunnel located in Moccasin, CA.

B. Explain why this service is necessary and the consequence of denial:

Expertise in tunnel engineering is not available within SFPUC or other City department. Denial would not provide the SFPUC the opportunity to upgrade the Hetch Hetchy system which will hinder improving reliability of water delivery to SFPUC customers.

C. Has this service been provided in the past? If so, how? If the service was provided under a previous PSC, attach copy of the most recently approved PSC.

Services have been provided in the past through earlier PSC request. See 41561 - 14/15

D. Will the contract(s) be renewed?

Yes if permitting or construction is significantly delayed.

E. If this is a request for a new PSC in excess of five years, or if your request is to extend (modify) an existing PSC by another five years, please explain why:

2. Reason(s) for the Request

A. Display all that apply

☒ Short-term or capital projects requiring diverse skills, expertise and/or knowledge.

Explain the qualifying circumstances:

Expertise in tunnel engineering is not available within SFPUC or other City department.

B. Reason for the request for modification:

For continued assistance from eminent individual industry experts with highly specialized expertise in tunnel design/engineering, tunnel construction, geotechnical/seismology engineering, tunnel structural engineering, structural/shoring and/or fluid mechanics/hydraulics to participate on SFPUC Technical Advisory Panels (TAP) and various other tunnel-related task forces on an as-needed basis for on-going capital projects.

3. Description of Required Skills/Expertise

- A. Specify required skills and/or expertise: Expertise is required for the preparation of engineering detail design package for tunnel facilities including tunnel, tunnel portal shafts, vent or intermediate structures, new control structures, and ancillary appurtenances along tunnel. Engineering expertise also requires experience to define and implement a geotechnical investigation and site characterization program to determine required design parameters and to assess ground and groundwater conditions along the alignment of the tunnel facilities and to prepare baseline reports for the contract documents.
- B. Which, if any, civil service class(es) normally perform(s) this work? none
- C. Will contractor provide facilities and/or equipment not currently possessed by the City? If so, explain: No.

4. If applicable, what efforts has the department made to obtain these services through available resources within the City?

Not Applicable

5. Why Civil Service Employees Cannot Perform the Services to be Contracted Out

- A. Explain why civil service classes are not applicable.
Civil service classes are not applicable because the majority of the work required is for specialized geotechnical investigations and tunnel engineering. The City does not have this expertise on staff required to complete the project design.
- B. If there is no civil service class that could perform the work, would it be practical and/or feasible to adopt a new civil service class to perform this work? Explain: It will be impractical to adopt a new civil service class to perform this work as there is insufficient continuous, long term workload to support a staff of tunnel engineers.

6. Additional Information

- A. Will the contractor directly supervise City and County employee? If so, please include an explanation.
No.
- B. Will the contractor train City and County employees and/or is there a transfer of knowledge component that will be included in the contract? If so, please explain what that will entail; if not, explain why not.
Tunnel lining repair - 20 hours - Civil Engineers.
- C. Are there legal mandates requiring the use of contractual services?
No.
- D. Are there federal or state grant requirements regarding the use of contractual services? If so, please explain and include an excerpt or copy of any such applicable requirement.
No.
- E. Has a board or commission determined that contracting is the most effective way to provide this service? If so, please explain and include a copy of the board or commission action.
No.
- F. Will the proposed work be completed by a contractor that has a current PSC contract with your department? If so, please explain.
No.

**7. Union Notification: On 03/17/23, the Department notified the following employee organizations of this PSC/RFP request:
all unions were notified**

☒ I CERTIFY ON BEHALF OF THE DEPARTMENT THAT THE INFORMATION CONTAINED IN AND ATTACHED TO THIS FORM IS COMPLETE AND ACCURATE:

Name: Shawndrea Hale Phone: (415) 551-4540 Email: shale@sfgwater.org

Address: 525 Golden Gate Avenue, 8th Floor, San Francisco, CA 94102

FOR DEPARTMENT OF HUMAN RESOURCES USE

PSC# 41561 - 14/15

DHR Analysis/Recommendation:

Commission Approval Not Required

Approved by DHR on 03/27/2023

PERSONAL SERVICES CONTRACT SUMMARY ("PSC FORM 1")

Department: PUBLIC UTILITIES COMMISSIONDept. Code: PUCType of Request: ☐ Initial ☒ Modification of an existing PSC (PSC # 41561 - 14/15)Type of Approval: ☐ Expedited ☒ Regular ☐ Annual ☐ Continuing ☐ (Omit Posting)Type of Service: Engineering Design Services for Mountain Tunnel Improvements (CS-249;PRO.0137)Funding Source: Joint Water/Power Revenue BondsPSC Original Approved Amount: \$21,000,000PSC Original Approved Duration: 02/01/16 - 01/31/27 (11 years 2 days)PSC Mod#1 Amount: \$1,500,000PSC Mod#1 Duration: no duration addedPSC Mod#2 Amount: \$7,776,000PSC Mod#2 Duration: 02/01/16-12/31/27 (47 weeks 5 days)PSC Mod#3 Amount: no amount addedPSC Mod#3 Duration: 12/31/27-02/14/29 (1 year 6 weeks)PSC Cumulative Amount Proposed: \$30,276,000PSC Cumulative Duration Proposed: 13 years 2 weeks**1. Description of Work****A. Scope of Work/Services to be Contracted Out:**

The San Francisco Public Utilities Commission (SFPUC) has initiated an extensive Capital Improvement Program for the Hetch Hetchy Water and Power(HHWP) Enterprise to improve reliability of its water, power, and joint water/power facilities. This work consists of engineering and design services for a new 12-mile water tunnel, as well as the interim rehabilitation of the existing Mountain Tunnel located in Moccasin, CA.

B. Explain why this service is necessary and the consequence of denial:

Expertise in tunnel engineering is not available within SFPUC or other City department. Denial would not provide the SFPUC the opportunity to upgrade the Hetch Hetchy system which will hinder improving reliability of water delivery to SFPUC customers.

C. Has this service been provided in the past? If so, how? If the service was provided under a previous PSC, attach copy of the most recently approved PSC.

Services have been provided in the past through earlier PSC request. See 41561 - 14/15

D. Will the contract(s) be renewed?

Yes if permitting or construction is significantly delayed.

E. If this is a request for a new PSC in excess of five years, or if your request is to extend (modify) an existing PSC by another five years, please explain why:**2. Reason(s) for the Request**

A. Display all that apply

☒ Short-term or capital projects requiring diverse skills, expertise and/or knowledge.

Explain the qualifying circumstances:

Expertise in tunnel engineering is not available within SFPUC or other City department.

B. Reason for the request for modification:

“Due to the major scope change from a bypass tunnel to rehabilitation of the existing tunnel, improvements to access roadways, a new flow control facility, and other miscellaneous improvements, SFPUC requires additional engineering support during construction services to support the construction contract through its duration and engineering support during project close.”

3. Description of Required Skills/Expertise

A. Specify required skills and/or expertise: Expertise is required for the preparation of engineering detail design package for tunnel facilities including tunnel, tunnel portal shafts, vent or intermediate structures, new control structures, and ancillary appurtenances along tunnel. Engineering expertise also requires experience to define and implement a geotechnical investigation and site characterization program to determine required design parameters and to assess ground and groundwater conditions along the alignment of the tunnel facilities and to prepare baseline reports for the contract documents.

B. Which, if any, civil service class(es) normally perform(s) this work? none

C. Will contractor provide facilities and/or equipment not currently possessed by the City? If so, explain: No.

4. If applicable, what efforts has the department made to obtain these services through available resources within the City?

Not Applicable

5. Why Civil Service Employees Cannot Perform the Services to be Contracted Out

A. Explain why civil service classes are not applicable.

Civil service classes are not applicable because the majority of the work required is for specialized geotechnical investigations and tunnel engineering. The City does not have this expertise on staff required to complete the project design.

B. If there is no civil service class that could perform the work, would it be practical and/or feasible to adopt a new civil service class to perform this work? Explain: It will be impractical to adopt a new civil service class to perform this work as there is insufficient continuous, long term workload to support a staff of tunnel engineers.

6. Additional Information

A. Will the contractor directly supervise City and County employee? If so, please include an explanation.

No.

- B. Will the contractor train City and County employees and/or is there a transfer of knowledge component that will be included in the contract? If so, please explain what that will entail; if not, explain why not.
Tunnel lining repair - 20 hours - Civil Engineers.
- C. Are there legal mandates requiring the use of contractual services?
No.
- D. Are there federal or state grant requirements regarding the use of contractual services? If so, please explain and include an excerpt or copy of any such applicable requirement.
No.
- E. Has a board or commission determined that contracting is the most effective way to provide this service? If so, please explain and include a copy of the board or commission action.
No.
- F. Will the proposed work be completed by a contractor that has a current PSC contract with your department? If so, please explain.
No.

7. Union Notification: On 04/08/22, the Department notified the following employee organizations of this PSC/RFP request:
all unions were notified

☒ I CERTIFY ON BEHALF OF THE DEPARTMENT THAT THE INFORMATION CONTAINED IN AND ATTACHED TO THIS FORM IS COMPLETE AND ACCURATE:

Name: Shawndrea Hale Phone: (415) 551-4540 Email: shale@sfgwater.org

Address: 525 Golden Gate Avenue, 8th Floor, San Francisco, CA 94102

FOR DEPARTMENT OF HUMAN RESOURCES USE

PSC# 41561 - 14/15

DHR Analysis/Recommendation:

Commission Approval Not Required

Approved by DHR on 05/04/2022

PERSONAL SERVICES CONTRACT SUMMARY ("PSC FORM 1")

Department: PUBLIC UTILITIES COMMISSIONDept. Code: PUCType of Request: ☐ Initial ☒ Modification of an existing PSC (PSC # 41561 - 14/15)Type of Approval: ☐ Expedited ☒ Regular ☐ Annual ☐ Continuing ☐ (Omit Posting)Type of Service: Engineering Design Services for Mountain Tunnel Improvements (CS-249;PRO.0137)Funding Source: Joint Water/Power Revenue BondsPSC Original Approved Amount: \$21,000,000PSC Original Approved Duration: 02/01/16 - 01/31/27 (11 years 2 days)PSC Mod#1 Amount: \$1,500,000PSC Mod#1 Duration: no duration addedPSC Mod#2 Amount: \$7,776,000PSC Mod#2 Duration: 02/01/16-12/31/27 (47 weeks 5 days)PSC Cumulative Amount Proposed: \$30,276,000PSC Cumulative Duration Proposed: 11 years 48 weeks**1. Description of Work****A. Scope of Work/Services to be Contracted Out:**

The San Francisco Public Utilities Commission (SFPUC) has initiated an extensive Capital Improvement Program for the Hetch Hetchy Water and Power(HHWP) Enterprise to improve reliability of its water, power, and joint water/power facilities. This work consists of engineering and design services for a new 12-mile water tunnel, as well as the interim rehabilitation of the existing Mountain Tunnel located in Moccasin, CA.

B. Explain why this service is necessary and the consequence of denial:

Expertise in tunnel engineering is not available within SFPUC or other City department. Denial would not provide the SFPUC the opportunity to upgrade the Hetch Hetchy system which will hinder improving reliability of water delivery to SFPUC customers.

C. Has this service been provided in the past? If so, how? If the service was provided under a previous PSC, attach copy of the most recently approved PSC.

No

D. Will the contract(s) be renewed?

Yes if permitting or construction is significantly delayed.

E. If this is a request for a new PSC in excess of five years, or if your request is to extend (modify) an existing PSC by another five years, please explain why:**2. Reason(s) for the Request****A. Display all that apply**

- ☒ Short-term or capital projects requiring diverse skills, expertise and/or knowledge.

Explain the qualifying circumstances:

Expertise in tunnel engineering is not available within SFPUC or other City department.

B. Reason for the request for modification:

The San Francisco Public Utilities Commission (SFPUC) has initiated an extensive Capital Improvement Program for the Hetch Hetchy Water and Power(HHWP) Enterprise to improve reliability of its water, power, and joint water/power facilities. This work consists of engineering and design services for a new 12-mile water tunnel, as well as the interim rehabilitation of the existing Mountain Tunnel located in Moccasin, CA. The objective of this task modification is to provide engineering support and design-related services to the City during the construction phase through to the end of final completion. The original PSC scope covered the project's planning design, field investigations, support during bid and award and partial construction support services. The design services encountered prior to construction were more than anticipated with additional field investigations and a re-bid of the contract. Based on the Contractor's Baseline Schedule and work activities, there are additional activities for the engineering team to support during construction that exceed the \$21M value of the existing CS-249 contract. Additionally, the Contractor's Baseline Schedule indicates construction activities past the effective date of February 14, 2026. Outage 5 is expected to end in March 2026 with Substantial Completion October 2026 and Final Completion December 2026. The existing CS-249 Contract Effective Date is until February 14, 2026. We are requesting that this effective date is extended until December 31, 2027.

3. Description of Required Skills/Expertise

- A. Specify required skills and/or expertise: Expertise is required for the preparation of engineering detail design package for tunnel facilities including tunnel, tunnel portal shafts, vent or intermediate structures, new control structures, and ancillary appurtenances along tunnel. Engineering expertise also requires experience to define and implement a geotechnical investigation and site characterization program to determine required design parameters and to assess ground and groundwater conditions along the alignment of the tunnel facilities and to prepare baseline reports for the contract documents.
- B. Which, if any, civil service class(es) normally perform(s) this work? none
- C. Will contractor provide facilities and/or equipment not currently possessed by the City? If so, explain: No.

4. If applicable, what efforts has the department made to obtain these services through available resources within the City?

Not Applicable

5. Why Civil Service Employees Cannot Perform the Services to be Contracted Out

- A. Explain why civil service classes are not applicable.
Civil service classes are not applicable because the majority of the work required is for specialized geotechnical investigations and tunnel engineering. The City does not have this expertise on staff required to complete the project design.

- B. If there is no civil service class that could perform the work, would it be practical and/or feasible to adopt a new civil service class to perform this work? Explain: It will be impractical to adopt a new civil service class to perform this work as there is insufficient continuous, long term workload to support a staff of tunnel engineers.

6. Additional Information

- A. Will the contractor directly supervise City and County employee? If so, please include an explanation.
No.
- B. Will the contractor train City and County employees and/or is there a transfer of knowledge component that will be included in the contract? If so, please explain what that will entail; if not, explain why not.
Tunnel lining repair - 20 hours - Civil Engineers.
- C. Are there legal mandates requiring the use of contractual services?
No.
- D. Are there federal or state grant requirements regarding the use of contractual services? If so, please explain and include an excerpt or copy of any such applicable requirement.
No.
- E. Has a board or commission determined that contracting is the most effective way to provide this service? If so, please explain and include a copy of the board or commission action.
No.
- F. Will the proposed work be completed by a contractor that has a current PSC contract with your department? If so, please explain.
No.

- 7. Union Notification:** On 09/09/21, the Department notified the following employee organizations of this PSC/RFP request:
all unions were notified

☒ I CERTIFY ON BEHALF OF THE DEPARTMENT THAT THE INFORMATION CONTAINED IN AND ATTACHED TO THIS FORM IS COMPLETE AND ACCURATE:

Name: Shawndrea Hale Phone: (415) 551-4540 Email: shale@sfgwater.org

Address: 525 Golden Gate Avenue, 8th Floor, San Francisco, CA 94102

FOR DEPARTMENT OF HUMAN RESOURCES USE

PSC# 41561 - 14/15

DHR Analysis/Recommendation:

Commission Approval Not Required

Approved by DHR on 09/21/2021

PERSONAL SERVICES CONTRACT SUMMARY ("PSC FORM 1")

Department: PUBLIC UTILITIES COMMISSION

Dept. Code: PUC

Type of Request: ☐ Initial ☒ Modification of an existing PSC (PSC # 41561 - 14/15)

Type of Approval: ☐ Expedited ☒ Regular ☐ Annual ☐ Continuing ☐ (Omit Posting)

Type of Service: Engineering Design Services for Mountain Tunnel Improvements (CS-249;PRO.0137)

Funding Source: Joint Water/Power Revenue Bonds

PSC Original Approved Amount: \$21,000,000

PSC Original Approved Duration: 02/01/16 - 01/31/27 (11 years 2 days)

PSC Mod#1 Amount: \$1,500,000

PSC Mod#1 Duration: no duration added

PSC Cumulative Amount Proposed: \$22,500,000

PSC Cumulative Duration Proposed: 11 years 2 days

1. Description of Work

A. Scope of Work/Services to be Contracted Out:

The San Francisco Public Utilities Commission (SFPUC) has initiated an extensive Capital Improvement Program for the Hetch Hetchy Water and Power(HHWP) Enterprise to improve reliability of its water, power, and joint water/power facilities. This work consists of engineering and design services for a new 12-mile water tunnel, as well as the interim rehabilitation of the existing Mountain Tunnel located in Moccasin, CA.

B. Explain why this service is necessary and the consequence of denial:

Expertise in tunnel engineering is not available within SFPUC or other City department. Denial would not provide the SFPUC the opportunity to upgrade the Hetch Hetchy system which will hinder improving reliability of water delivery to SFPUC customers.

C. Has this service been provided in the past? If so, how? If the service was provided under a previous PSC, attach copy of the most recently approved PSC.

No.

D. Will the contract(s) be renewed?

Yes if permitting or construction is significantly delayed.

E. If this is a request for a new PSC in excess of five years, or if your request is to extend (modify) an existing PSC by another five years, please explain why:

2. Reason(s) for the Request

A. Display all that apply

☒ Short-term or capital projects requiring diverse skills, expertise and/or knowledge.

Explain the qualifying circumstances:

Expertise in tunnel engineering is not available within SFPUC or other City department.

B. Reason for the request for modification:

The San Francisco Public Utilities Commission (SFPUC) is seeking individual expert consultants within fields related to the design and construction of tunnels and associated structures and facilities, including but not limited to tunnel design/engineering, tunnel construction and constructability, geotechnical engineering, seismology and engineering geology, fluid mechanics/hydraulics to provide technical advisory services for Mountain Tunnel, Central Bayside System Improvement Project, Folsom Tunnel, Kansas/Marin, and other SFPUC Tunnel projects. The consultants shall participate as members of a panel of independent technical experts. The panel, hereafter designated as the Tunnel Technical Advisory Panel (TTAP), will be composed of one or more experts with highly specialized expertise in tunnel design/engineering, tunnel construction, geotechnical/seismology engineering, tunnel structural engineering, structural/shoring and/or fluid mechanics/hydraulics.

3. Description of Required Skills/Expertise

- A. Specify required skills and/or expertise: Expertise is required for the preparation of engineering detail design package for tunnel facilities including tunnel, tunnel portal shafts, vent or intermediate structures, new control structures, and ancillary appurtenances along tunnel. Engineering expertise also requires experience to define and implement a geotechnical investigation and site characterization program to determine required design parameters and to assess ground and groundwater conditions along the alignment of the tunnel facilities and to prepare baseline reports for the contract documents.
- B. Which, if any, civil service class(es) normally perform(s) this work? none
- C. Will contractor provide facilities and/or equipment not currently possessed by the City? If so, explain: No.

4. If applicable, what efforts has the department made to obtain these services through available resources within the City?

Not Applicable

5. Why Civil Service Employees Cannot Perform the Services to be Contracted Out

- A. Explain why civil service classes are not applicable.
Civil service classes are not applicable because the majority of the work required is for specialized geotechnical investigations and tunnel engineering. The City does not have this expertise on staff required to complete the project design.
- B. If there is no civil service class that could perform the work, would it be practical and/or feasible to adopt a new civil service class to perform this work? Explain: It will be impractical to adopt a new civil service class to perform this work as there is insufficient continuous, long term workload to support a staff of tunnel engineers.

6. Additional Information

- A. Will the contractor directly supervise City and County employee? If so, please include an explanation.
No.

- B. Will the contractor train City and County employees and/or is there a transfer of knowledge component that will be included in the contract? If so, please explain what that will entail; if not, explain why not.
Tunnel lining repair - 20 hours - Civil Engineers.
- C. Are there legal mandates requiring the use of contractual services?
No.
- D. Are there federal or state grant requirements regarding the use of contractual services? If so, please explain and include an excerpt or copy of any such applicable requirement.
No.
- E. Has a board or commission determined that contracting is the most effective way to provide this service? If so, please explain and include a copy of the board or commission action.
No.
- F. Will the proposed work be completed by a contractor that has a current PSC contract with your department? If so, please explain.
No.

7. Union Notification: On 02/07/19, the Department notified the following employee organizations of this PSC/RFP request:
all unions were notified

☒ I CERTIFY ON BEHALF OF THE DEPARTMENT THAT THE INFORMATION CONTAINED IN AND ATTACHED TO THIS FORM IS COMPLETE AND ACCURATE:

Name: Bill Irwin Phone: 415-934-3975 Email: wirwin@sfwater.org

Address: 525 Golden Gate Avenue, 8th Floor, San Francisco, CA 94102

FOR DEPARTMENT OF HUMAN RESOURCES USE

PSC# 41561 - 14/15

DHR Analysis/Recommendation:

Commission Approval Not Required

Approved by DHR on 02/25/2019

PERSONAL SERVICES CONTRACT SUMMARY ("PSC FORM 1")

Department: PUBLIC UTILITIES COMMISSION -- PUC

Dept. Code: PUC

Type of Request: ☒ Initial ☐ Modification of an existing PSC (PSC # _____)

Type of Approval: ☐ Expedited ☒ Regular ☐ Annual ☐ Continuing ☐ (Omit Posting)

Type of Service: Engineering Design Services for Mountain Tunnel Improvements (CS-249)

Funding Source: Joint Water/Power Revenue Bonds

PSC Duration: 11 years 2 days

PSC Amount: \$21,000,000

1. Description of Work

A. Scope of Work/Services to be Contracted Out:

The San Francisco Public Utilities Commission (SFPUC) has initiated an extensive Capital Improvement Program for the Hetch Hetchy Water and Power(HHWP) Enterprise to improve reliability of its water, power, and joint water/power facilities. This work consists of engineering and design services for a new 12-mile water tunnel, as well as the interim rehabilitation of the existing Mountain Tunnel located in Moccasin, CA.

B. Explain why this service is necessary and the consequence of denial:

Expertise in tunnel engineering is not available within SFPUC or other City department. Denial would not provide the SFPUC the opportunity to upgrade the Hetch Hetchy system which will hinder improving reliability of water delivery to SFPUC customers.

C. Has this service been provided in the past? If so, how? If the service was provided under a previous PSC, attach copy of the most recently approved PSC.

This service has been provided by engineering firms with expertise in design of hard rock tunnels. One of the projects involving selection of a tunnel design consultant is the New Irvington Tunnel PSC No. 4055-05/06 (CS-820).

D. Will the contract(s) be renewed?

Yes if permitting or construction is significantly delayed.

E. If this is a request for a new PSC in excess of five years, or if your request is to extend (modify) an existing PSC by another five years, please explain why.
not applicable

2. Reason(s) for the Request

A. Indicate all that apply (be specific and attach any relevant supporting documents):

☒ Short-term or capital projects requiring diverse skills, expertise and/or knowledge.

B. Explain the qualifying circumstances:

Expertise in tunnel engineering is not available within SFPUC or other City department.

3. Description of Required Skills/Expertise

A. Specify required skills and/or expertise: Expertise is required for the preparation of engineering detail design package for tunnel facilities including tunnel, tunnel portal shafts, vent or intermediate structures, new control structures, and ancillary appurtenances along tunnel. Engineering expertise also requires experience to define and implement a geotechnical investigation and site characterization program to determine required design parameters and to assess ground and groundwater conditions along the alignment of the tunnel facilities and to prepare baseline reports for the contract documents.

B. Which, if any, civil service class(es) normally perform(s) this work? none

C. Will contractor provide facilities and/or equipment not currently possessed by the City? If so, explain: No.

4. If applicable, what efforts has the department made to obtain these services through available resources within the City?

Expertise in the design of deep, hard rock tunnels is not available within SFPUC or other City departments. However, other City departments will be contacted regarding this work.

5. Why Civil Service Employees Cannot Perform the Services to be Contracted Out

A. Explain why civil service classes are not applicable.

Civil service classes are not applicable because the majority of the work required is for specialized geotechnical investigations and tunnel engineering. The City does not have this expertise on staff required to complete the project design.

B. If there is no civil service class that could perform the work, would it be practical and/or feasible to adopt a new civil service class to perform this work? Explain. It will be impractical to adopt a new civil service class to perform this work as there is insufficient continuous, long term workload to support a staff of tunnel engineers.

6. Additional Information

A. Will the contractor directly supervise City and County employee? If so, please include an explanation.
No.

B. Will the contractor train City and County employees and/or is there a transfer of knowledge component that will be included in the contract? If so, please explain what that will entail; if not, explain why not.
Tunnel lining repair - 20 hours - Civil Engineers.

C. Are there legal mandates requiring the use of contractual services?
No.

D. Are there federal or state grant requirements regarding the use of contractual services? If so, please explain and include an excerpt or copy of any such applicable requirement.

No.

- E. Has a board or commission determined that contracting is the most effective way to provide this service?
If so, please explain and include a copy of the board or commission action.

No.

- F. Will the proposed work be completed by a contractor that has a current PSC contract with your department? If so, please explain.

No.

7. Union Notification: On 05/21/2015, the Department notified the following employee organizations of this PSC/RFP request:

all unions were notified

☒ I CERTIFY ON BEHALF OF THE DEPARTMENT THAT THE INFORMATION CONTAINED IN AND ATTACHED TO THIS FORM IS COMPLETE AND ACCURATE:

Name: Shamica Jackson Phone: 415-554-0727 Email: SJackson@sfgwater.org

Address: 525 Golden Gate Avenue, 8th Floor San Francisco, CA 94102

FOR DEPARTMENT OF HUMAN RESOURCES USE

PSC# 41561 - 14/15

DHR Analysis/Recommendation:

action date: 07/20/2015

Commission Approval Required

Approved by Civil Service Commission

07/20/2015 DHR Approved for 07/20/2015