

FILE NO. 140781

RESOLUTION NO. 306-14

[Emergency Contracts - Repairing Lower Cherry Aqueduct and Upgrading Sunol Valley Water Facilities Related to Drought Declaration - Not to Exceed \$5,137,000]

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**Resolution approving the emergency public work contract between the San Francisco Public Utilities Commission and Monterey Mechanical under San Francisco Administrative Code, Section 6.60, to perform immediate work to repair Sunol Valley Water Treatment Plant, San Antonio Pump Station and related infrastructure in an amount not to exceed \$5,137,000.**

WHEREAS, California continues to experience one of the most extreme droughts since hydrologic recordkeeping began; and

WHEREAS, As of April 27, 2014, precipitation in the Hetch Hetchy watershed was at 57% of normal levels and snowpack was at 25% of normal levels; and

WHEREAS, On February 10, 2014, Mayor Ed Lee issued an Executive Directive to all city departments outlining actions to be taken to reduce water use, and directing the San Francisco Public Utilities Commission (SFPUC) to develop alternative sources of water supplies for both potable and non-potable uses; and

WHEREAS, On March 11, 2014, the San Francisco Board of Supervisors adopted Resolution 82-14, supporting emergency drought relief and the restoration of Lower Cherry Aqueduct to augment water supplies during the statewide drought; and

WHEREAS, Immediate SFPUC drought mitigation actions include the rehabilitation of the Lower Cherry Aqueduct, to repair aging infrastructure and damages incurred during the recent Rim Fire; and

WHEREAS, This project will enable the SFPUC to access up to 200,000 acre-feet of water storage in Cherry Lake by December 15, 2014; and

1           WHEREAS, The principal purpose of the Lower Cherry Aqueduct system is to convey a  
2 water supply from Cherry Creek that can supplement the primary Hetch Hetchy Reservoir  
3 supply during a drought year, but due to its age and the damage caused by the Rim Fire, the  
4 Lower Cherry Aqueduct system is currently unable to reliably convey this supplemental water  
5 supply; and

6           WHEREAS, There are three (3) facilities that are part of the Sunol Valley Water  
7 Treatment Plant Emergency Drought Reliability Improvements (SEDRI): San Antonio Pump  
8 Station (SAPS), Sunol Valley Chloramination Facility (SVCF), and the Sunol Valley Water  
9 Treatment Plant (SWWTP); and

10           WHEREAS, The SAPS has three (3) sets of pumps with the primary purpose of  
11 transferring water from the Alameda Siphon Pipelines or San Antonio Reservoir to SWWTP for  
12 treatment; and

13           WHEREAS, The SVCF, neighbors the SAPS, and treats the water blended in the  
14 Alameda Siphon Pipelines from the SWWTP and Hetch Hetchy; this facility also manages  
15 remote treatment facilities using supervisory control and data acquisition (SCADA)  
16 technology; and

17           WHEREAS, The SWWTP is a 160 million gallons per day capacity conventional filter  
18 plant that treats water from San Antonio and Calaveras Reservoirs, as well as Hetch Hetchy  
19 water transferred from the Alameda Siphons; and

20           WHEREAS, Repairs to the Sunol Valley Water Treatment Plant are required to improve  
21 several components of the plant to ensure treatment and safety reliability and allow the  
22 SFPUC to treat the water supply from the Lower Cherry Aqueduct system; and

23           WHEREAS, The work will consist of a new flocculant chemical system and building,  
24 chemical feed line replacement, replace lighting under the sedimentation basins, replace air  
25 scour piping, valve replacement, and repair sludge lagoon decant system defect; and

1           WHEREAS, The communications link between the Sunol Valley Chloramination Facility  
2 and Sunol Valley Water Treatment Plan will be improved for greater reliability and there are  
3 electrical upgrades to improve SAPS reliability; and

4           WHEREAS, If the above mentioned work to extend SFPUC water supplies is not  
5 immediately undertaken and facilities expeditiously brought into or returned to service, the  
6 sustainability of San Francisco's water supply would be placed at significant risk which would  
7 endanger the public's health and welfare; and

8           WHEREAS, San Francisco Administrative Code, Chapter 6, Article IV, Section 6.60,  
9 authorizes department heads responsible for public work to award an emergency contract,  
10 exempt from the competitive bidding process, in the event of an actual emergency which is  
11 defined to include, "...The breakdown or imminent breakdown of any plant, equipment,  
12 structure, street or public work necessitating immediate emergency repair or reconditioning to  
13 safeguard the lives or property of the citizens, or the property of the City and County, or to  
14 maintain the public health and welfare..."; and

15           WHEREAS, On February 21, 2014, the SFPUC General Manager declared an  
16 emergency, approved by the President of the SFPUC, to take immediate action to extend  
17 SFPUC water supplies and thereby protect public health and safety; and

18           WHEREAS, On April 29th, 2014, the SFPUC General Manager updated the original  
19 emergency declaration, approved by the President of the SFPUC; and

20           WHEREAS, Administrative Code, Section 6.60(D) requires that the General Manager  
21 immediately notify the Controller, and seek Board of Supervisors approval of emergency  
22 public works with an estimated cost in excess of \$250,000; and

23           WHEREAS, The SFPUC General Manager estimates that the emergency rehabilitation  
24 work on the Lower Cherry Aqueduct will be approximately \$18.1 million; and

1           WHEREAS, The repairs to Sunol Valley Water Facilities to extend SFPUC water  
2 supplies have estimated project costs of \$8.5 million; and

3           WHEREAS, A resolution (File #140586) in response to this emergency drought  
4 declaration was introduced June 3, 2014, to approve a contract with Flatiron, West, Inc. to  
5 perform immediate repairs to Lower Cherry Aqueduct and is pending approval by the San  
6 Francisco Board of Supervisors; and

7           WHEREAS, The emergency rehabilitation work at Lower Cherry Aqueduct began April  
8 2014, and should be completed December 2014; and

9           WHEREAS, The emergency repairs at Sunol Valley Treatment Plant began July 2014,  
10 and should be completed October 2014; and

11           WHEREAS, The Controller has certified that funds are available for this emergency  
12 work; now, therefore, be it

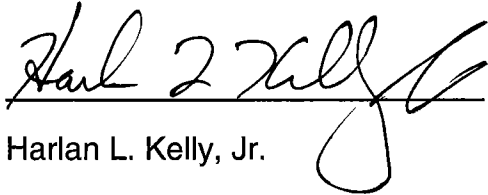
13           RESOLVED, That the Board of Supervisors approves the emergency contract between  
14 the SFPUC and Monterey Mechanical under Administrative Code, Section 6.60, for an  
15 amount not to exceed \$5,137,000; and, be it

16           FURTHER RESOLVED, That actions taken to date by the SFPUC to secure such  
17 emergency contracts and resolve the emergency condition are hereby ratified; and, be it

18           FURTHER RESOLVED, That within (30) days of related contracts being fully executed  
19 by all parties, the SFPUC shall provide the final contracts to the Clerk of the Board for  
20 inclusion into the official file.

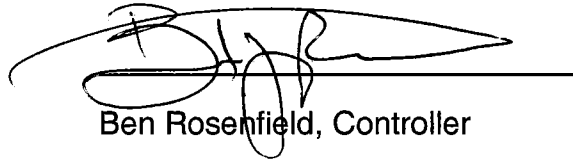
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RECOMMENDED:



Harlan L. Kelly, Jr.  
General Manager

FUNDS AVAILABLE:



Ben Rosenfield, Controller



City and County of San Francisco

Tails

Resolution

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

File Number: 140781

Date Passed: July 29, 2014

Resolution approving the emergency public work contract between the San Francisco Public Utilities Commission and Monterey Mechanical under San Francisco Administrative Code, Section 6.60, to perform immediate work to repair Sunol Valley Water Treatment Plant, San Antonio Pump Station and related infrastructure in an amount not to exceed \$5,137,000.

July 23, 2014 Budget and Finance Sub-Committee - AMENDED, AN AMENDMENT OF THE WHOLE BEARING SAME TITLE

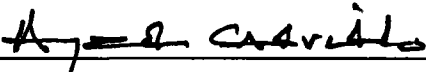
July 23, 2014 Budget and Finance Sub-Committee - RECOMMENDED AS AMENDED

July 29, 2014 Board of Supervisors - ADOPTED

Ayes: 11 - Avalos, Breed, Campos, Chiu, Cohen, Farrell, Kim, Mar, Tang, Wiener and Yee

File No. 140781

I hereby certify that the foregoing Resolution was ADOPTED on 7/29/2014 by the Board of Supervisors of the City and County of San Francisco.

  
Angela Calvillo  
Clerk of the Board

  
Mayor

  
Date Approved