



# City of Sierra Madre Agenda Report

*John Capoccia Mayor*  
*Gene Goss, Mayor Pro Tem*  
*Rachelle Arizmendi, Council Member*  
*Denise Delmar, Council Member*  
*John Harabedian, Council Member*

*Nancy Shollenberger, City Clerk*  
*Richard Mays, City Treasurer*

TO: Honorable Mayor Capoccia and Members of the City Council

FROM: Elaine I. Aguilar, City Manager

INITIATED BY: Bruce Inman, Director of Public Works

DATE: August 24, 2015

**SUBJECT: CONSIDERATION OF AWARD OF CONSTRUCTION CONTRACT TO PERRY C. THOMAS CONSTRUCTION IN THE AMOUNT OF \$28,250 FOR EMERGENCY REPAIRS TO THE MWD CONNECTION**

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## **SUMMARY**

On Thursday, August 13 the City's connection to MWD developed a significant leak, located in the buried equipment vault adjacent to East Grandview. Staff quickly effected a temporary repair to stem the leak. However in doing so, staff had to disconnect the chemical feed that injects the anti-corrosion materials into the water. The permanent repairs need to be done on an emergency basis in order to restore the City's ability to treat the water. The scope of the project and the limited time frame in which it must be completed are not something that our available manpower can handle. Staff recommends that the City Council approve the expenditure of up to \$28,250 and award a contract for the emergency repairs to Perry C. Thomas to make the repairs.

## **ANALYSIS**

A leak developed on Thursday afternoon, the 13<sup>th</sup> of August in the bottom of the 12 inch pipe that is the City's connection to MWD. While staff was able to quickly fashion a repair clamp and staunch the leak, the location of the leak was such that in order to fit the clamp to cover the hole in the pipe, the chemical feed by which the anti-corrosion zinc-orthophosphate is injected in the water had to be temporarily removed. This leaves the system without treatment for the water discoloration that has been such a problem.



The photo at the left shows the inside of the vault the leak is where the 12" pipe passes through the wall. It is currently covered with a repair clamp.

In order to make the permanent repair and re-install the chemical feed, the 12 inch pipe has to be replaced, it cannot simply be patched. The section of pipe that needs

**FOR CITY COUNCIL AGENDA \_\_\_\_\_**

**AGENDA ITEM # \_\_\_\_\_**

to be replaced is partially within a large underground vault and partially buried at a depth of ten feet outside the box. In order to remove and replace the pipe, a large portion of the piping assembly within the vault will have to be disassembled and moved out of the way. The buried end of the pipe will need to be unearthed via an excavation that will require shoring. In order to do the excavation, a portion of an existing security fence will require removal, end electrical pull box, and an electrical control cabinet will have to be relocated. These are seen in the photo below. The buried pie that must be exposed for removal passes right to left below the dirt area seen between the pull box and the control cabinet.



The work will be scheduled for a Wednesday, when system demand is lightest. With the City's reservoirs as full as possible to start with, the contractor will have a maximum of 8 hours to remove and replace the pipe and get it back into operation. Considering the amount of work to be done, that is a very tight time frame.

Because Perry C. Thomas Construction is the contractor which built the connection staff immediately contacted them for a quote for the repair. Their familiarity with the system will be of great assistance in completing the job quickly and getting it put back together correctly. And due to the need to get the repairs done as quickly as possible staff has not sought additional bids. Preparation of bid documents and holding a bid process could add weeks of delay to getting this repair made. Therefore staff is recommending that the City Council approve this repair to be done by Perry C. Thomas Construction.

The cause of the leak in this two-year old pipe is not known at this time. The most likely causes are assumed to be a design flaw or faulty material. Once it is disassembled and removed from the system and we can look inside we may have a better indication of the cause.

### **FINANCIAL REVIEW**

A copy of the Thomas bid is attached to this report. Their bid price is stated as \$24,550 and staff expects that the amount will be the final price. However, staff recommends the addition of approximately 15% to the award for contingencies. As always, unused contingency funds are returned to their source.

The proposed contract amount will be covered under the Water Fund 71000.81100.56011 Wells Pumps and Distribution System line item which is currently budgeted at \$760,470.

**PUBLIC NOTICE PROCESS**

This item has been noticed through the regular agenda notification process. Copies of the report are available via the City's website at [www.cityofsierramadre.com](http://www.cityofsierramadre.com), at the City Hall public counter, and the Sierra Madre Public Library.

**STAFF RECOMMENDATION**

Staff recommends that the City Council approve the expenditure of up to \$28,250 and award a contract for the emergency repairs to Perry C. Thomas to make the repairs.

Attachments: Perry C. Thomas Proposal



**PERRY C THOMAS**

*Engineering Contractor  
Underground Utilities  
Lic. #672532*

*240 W. Duarte Road  
Monrovia, CA 91016*

*626-303-4483  
626-303-0126  
Fax 626-303-7959*

8-21--2015

City of Sierra Madre  
232 W. Sierra Madre Blvd  
Sierra Madre Ca 91024

Attention: Chris Cimino

Re: Remove and replace corroded 12-inch pipe in MWD water vault City Yards

In accordance with the above referenced project we propose to furnish labor, material and equipment for the following:

Remove and replace corroded 12-inch pipe inside 8x14 MWD water vault. Includes removal and replacement of Electrical Myers cabinet and wiring, placement of temporary generator, remove existing wiring for excavation work, provide temporary wiring to re-energize equipment, remove chain link fencing, excavate and expose 12-inch pipe and coupling, remove and replace damaged 12-inch pipe due to corrosion, backfill and compact excavation re-install Myers cabinet, conduit and wiring, replace chain link fence.

**Lump Sum \$ 24,550.00**

Excludes: PERMITS

Rock that cannot be excavated with a John Deere 510B backhoe or equal will be removed at an extra charge, on an hourly time and equipment basis. Drilling and / or blasting if required will be done by others and paid separately by Customer. Retrenching and / or jackhammer work after rock removal, drilling and / or blasting will be at an extra charge billed on an hourly time and equipment basis.

Engineering, grading and setting of grade stakes and Customer, if required, shall do lot line markers. Customer is to have grade to within plus or minus three (3) inches on our right of way. Permits and inspection fees are to be secured, and paid for, by Customer.

The above work will be completed in a workman like manner according to the standard specification of: JOB WORK. Alterations or deviations, if any, from the above specifications, or any delays or postponements of the work by the Customer or his agents which result in additional material or labor costs, will become an extra charge which will be billed as an addition to this proposal amount. Any extra move on or off the job site, due to circumstances beyond our control, will be billed as an extra in the amount of \$ 0 per move.

Progress billing, commensurate with the work complete, will be made monthly until ninety percent (90%) of the work is billed. Upon completion of all work, the remaining ten-percent (10%) retention will be billed. Extra charges will either be added to this proposal amount, or billed as above, or billed separately after the completion of work. Terms for the payment of all invoices are net thirty (30) days with a one and one-half (1 1/2%) monthly interest charge on all past due accounts.

In the event legal action is instituted to endorse any of the terms or conditions of this proposal, the prevailing party shall be entitled to recover reasonable attorney's fees and collection costs.

We are prepared to start work within 1 working days after receipt of your acceptance of this proposal and estimate that will be completed within 1 working days.

This proposal is good for 20 days from 8/21, 2015.

Sincerely,

PERRY C. THOMAS CONSTRUCTION INC.

  
CHRIS MIKITY, Estimator

\*\*\*\* ACCEPTANCE\*\*\*\*

\_\_\_\_\_  
Authorized Signature

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Date