



# ***Agenda Report***

## ***Fullerton City Council***

**MEETING DATE:** JANUARY 21, 2020

**TO:** CITY COUNCIL / SUCCESSOR AGENCY

**SUBMITTED BY:** KENNETH A. DOMER, CITY MANAGER

**PREPARED BY:** MEG MCWADE, PUBLIC WORKS DIRECTOR  
DAVID GRANTHAM, SENIOR CIVIL ENGINEER  
TIFFANY FOO, ASSOCIATE WATER ENGINEER

**SUBJECT:** LOMA ALTA AREA INFRASTRUCTURE IMPROVEMENTS PROJECT

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### **SUMMARY**

Award a construction contract to Big Ben, Inc. in the amount of \$3,740,918 for the Loma Alta Area Infrastructure Improvements Project.

### **RECOMMENDATION**

1. Approve plans and specifications for the Loma Alta Area Infrastructure Improvements Project.
2. Approve budget transfers to Project 53009 Loma Alta Area Infrastructure Improvements Project in the following amounts:
  - \$1,830,850 of Measure M2 Fund from Project 44589 Residential Street Program.
  - \$552,650 of Sewer Enterprise Fund from Project 51419 Annual Sewer Replacement Program.
  - \$2,054,500 of Water Fund from Project 53250 Water Main System Replacement Fiscal Year 2019-20.
3. Award the construction contract for the Loma Alta Area Infrastructure Improvements Project to Big Ben, Inc. in a form approved by the City Attorney.
4. Authorize the Public Works Director to execute contract amendments with the City's on-call tree service company, West Coast Arborist, for removal of trees.

5. Authorize the Public Works Director to approve any future change orders for construction and professional engineering construction support services within the approved project budget.

#### PRIORITY POLICY STATEMENT

This item matches the following Priority Policy Statement:

- Infrastructure and City Assets.

#### FISCAL IMPACT

Eleven bids were received on December 18, 2019 for the Loma Alta Area Infrastructure Improvements Project. Big Ben, Inc. of Irvine submitted the lowest responsible base bid in the amount of \$3,825,610. The low bid, as submitted, is approximately 10.9% above the engineer's estimate of \$3,450,000 due to increasing asphalt costs. The bid documents have been reviewed by Staff and are considered acceptable.

The project also included an optional bid alternate item. The bid alternate involved revising the conventional remove and replace method of pavement reconstruction with a method known as full-depth reclamation (the same method successfully used on the recently completed El Rancho Vista Area Infrastructure Improvements project). The submitted total cost utilizing the optional bid alternate is \$3,740,918 or \$84,692 less than the base bid. As such, Staff recommends that the bid alternate be included in this project.

Funding for this project is from Measure M2, Sewer Enterprise and Water Funds. Project No. 53009 has existing appropriation of \$320,000 and requires additional budget transfers. Budget transfers recommended by Staff are required to provide sufficient funding for construction. A Budget Data Sheet is attached for City Council's reference (Attachment 1).

#### DISCUSSION

The scope of work includes replacement of 1.65 miles of water pipe and 0.2 miles of sewer pipe as shown on Attachment 2. The water pipes being replaced have had a significant history of main breaks. Project improvements will also include replacement of deteriorated curbs, gutters, sidewalks, cross gutters and spandrels, minor sewer manhole upgrades, installation of ADA access ramps and installation of a large meter upgrade.

Repair of the deteriorated curbs, gutters, sidewalks is mainly due to damage caused by the adjacent street trees. Staff has reviewed each tree to determine if the tree roots can be pruned or if the tree requires removal. The project is proposing to remove 51 trees. Staff is recommending utilizing the City's on-call tree service company, West Coast Arborists, to remove the trees. The removal costs will be consistent with their existing contract rate.

In conjunction with the water and sewer pipeline replacement, the project will include reconstruction of roadway pavement which is currently in poor condition. Most streets in the project area will receive 4" grind and asphalt concrete overlay treatment based on

the soils report that indicates the structure of the road is adequate. The only exceptions are Via Mirada and Loma Verde which require full reconstruction. These areas will receive the bid alternate full-depth reclamation.

The current Pavement Condition Index (PCI) score for the Loma Alta Area is shown on Attachment 2. PCI scores will reset to 100 (Very Good) upon completion of the improvements. Upon approval, Staff will execute the contract (Attachment 4) with construction anticipated to begin in early March 2020 and an anticipated project completion in November 2020.

An environmental assessment has been prepared in accordance with the California Environmental Quality Act guidelines and it has been determined that the project is categorically exempt.

Attachments:

- Attachment 1 – Budget Data / Summary of Bids
- Attachment 2 – Project Location Map
- Attachment 3 – Bid Schedule
- Attachment 4 – Standard Contract / Agreement