



AGENCY: City Council
 MEETING DATE: April 12, 2021
 DEPARTMENT: Public Works
 PRESENTED BY: C. O'Neal
 EMAIL ADDRESS: coneal@fortbragg.com

AGENDA ITEM SUMMARY

TITLE:

Receive Report and Consider Adoption of City Council Resolution Accepting the Bid of Akeff Construction Services, Inc. as the Lowest Responsive Bid, Awarding the Maple Street Storm Drain and Alley Rehabilitation Project, City Project No. PWP-00116 to Akeff Construction Services, Inc. and Authorizing City Manager to Execute Contract (Amount Not To Exceed \$1,226,354.00; Account No. 420-4870-0731)

ISSUE:

Bids for the Maple Street Storm Drain and Alley Rehabilitation Project were opened March 19, 2021. Four bids were received, from Akeff Construction Services, Inc., Argonaut Constructors, Granite Construction Company, and Wahlund Construction, Inc. All bids were considered responsive and responsible. The lowest base bid came from Akeff Construction Services, Inc. in the amount of \$1,099,345.00 with the total bid including one alternate of \$1,226,354.00.



Figure 1: Project Location Map

ANALYSIS:

This project scope includes the Replacement of 1700 linear feet of storm drain including several new drain inlets along the easternmost section of Maple Street, pavement rehab on Maple Street and five alleyways, and replacement of several sections of sidewalk including new standardized ADA curb ramps. Project locations are shown in Figure 1 above. The bid package included one alternate location, which is depicted as alley S 300 G, but since the bids came in significantly lower than the engineer's estimate of cost, staff proposes that the project scope be accepted in its entirety.

The project portion including Maple Street from Lincoln to S. Corry will be receiving a full depth rehabilitation including storm drainage, pavement, and striping. This portion of Maple Street is the location where chronic storm drainpipe failures have created sinkholes in the street as well as impaired the reliability of the storm drain system in this area. The alleys selected for rehab in this project were vetted through the Public Works and Facilities Committee in September 2019 and based off of the 2011 Alley Master Plan Study. The 2011 study inventoried and evaluated the conditions of City alleys and prioritized them for improvement opportunities using several different metrics including greatest need for surface conditioning, funding, safety, drainage, and consistency with other Master Plans. The Alleys shown in the Figure are further described in the list below.

1. Alley S300G; a Residential alley, located between S. Harrison St. and S. Whipple St. from Maple to Hazel.
2. Alley S300K; a Residential alley, located along the impaired storm drain line which carries water from Lincoln Street toward Maple.
3. Alley N102G; a Residential alley, located between N. Harrison St. and N. Whipple St. from Alder to Oak.
4. Alley S600E; a Commercial/Multifamily (MF) alley, located between S. Franklin St. and the GP Haul Rd. from Walnut to Cypress.
5. Alley S100H; a Commercial alley, located between S. Whipple St. and S. Corry St. and Oak and Madrone.

The total project budget which includes design, construction, and construction management is \$1,750,000. This rehabilitation project is funded primarily through the City's special street sales tax (\$1,650,000) with the other \$100,000 in funding from State Road Maintenance and Rehabilitation (RMRA) funding. Both of these funding sources are dedicated to the improvement and rehabilitation of the City's streets and alleys. The engineer's estimate of probable costs from R.E.Y. Engineers, Inc. was approximately \$1,373,924 or \$1,478,010 when the alternate bid item is included. The lowest bid calculation uses the base bid plus all the alternatives total as described in the Notice Inviting Bids. The contract price of the apparent low bidder, Akeff Construction Services, is \$251,656.00 (or 17%) under the engineer's estimate of costs.

With the design portion now complete, and the City being in receipt of costs associated with the construction bid and construction management proposals, a complete picture of the budget for this project is shown in Table 2 below.

Table 2: Staff Recommended Contract Components		
BUDGET	Local Partnership Program	\$100,000.00
	Fund 250, Special Sales tax - Street Repair	\$1,650,000.00
TOTAL BUDGET		\$1,750,000.00
PROJECT DEVELOPMENT/SUPPORT		
	<u>Design</u>	<u>Cost</u>
	R.E.Y. Design Engineers-Phase Complete	\$ 166,170.88
	<u>Construction Management</u>	
	GHD Base Cost + Alternate	\$ 178,217.00
CONSTRUCTION		
	Akeff Construction Services	
	Base Bid	\$1,099,345.00
	Alt #1 Alley S 300G	<u>127,009.00</u>
	Proposed Construction Contract Total	\$ 1,226,354.00
CONTINGENCY		\$179,258.12
TOTAL PROPOSED PROJECT COST		\$ 1,750,000.00

RECOMMENDED ACTION:

Accept the bid of Akeff Construction Services, Inc. as the Lowest Responsive Bid, and adopt the Resolution awarding the contract for construction to Akeff Construction Services, Inc. for the Maple Street Storm Drain and Alley Project.

ALTERNATIVE ACTION(S):

Direct staff to remove the alternative location selected for inclusion in the project.

FISCAL IMPACT:

The proposed contract cost, which includes the base bid amount plus the alternate alley, is \$1,226,354.00. This cost is within the budgeted project amount and leaves almost 15% contingency. Contingency is built into construction project budgets; as final costs are based on the quantity of contract items installed times their unit cost. The installed quantities frequently vary from the bid schedule and unexpected problems that come up during construction. There is adequate budgeted funding available for this project as recommended.

GREENHOUSE GAS EMISSIONS IMPACT:

There will be a short-lived increase of greenhouse gas emissions during the construction phase due to the asphalt processes and equipment necessary for the performance of the work. Increases in greenhouse gases will only occur during actual construction. All Air Quality Management District best management practices for minimizing greenhouse gas emissions during construction, like reducing idling vehicles will be incorporated into the daily

activities of this project. Additionally, projects like this that support the maintenance and long-term utility of existing streets, roads, and highways are consistent with the Preferred Growth Scenario of VisionMendocino2030 which was developed as a local version of the California Air Resources Board Sustainable Communities Strategy Blueprint Plan.

CONSISTENCY:

The primary funding source for this project is Special Street Sales Tax, Measure H. This special purpose transaction and use tax was passed by the voters in 2004 and extended again in 2014. The special sales tax is currently scheduled to sunset in 2024. This City's Special Street Sales Tax, makes us a "Self-Help" City under RMRA, which entitles us to the additional state Local Partnership Program (LPP) funds described above. The purpose of both the Special Street Sales tax and RMRA funds are for repairing, maintaining and reconstructing City streets.

IMPLEMENTATION/TIMEFRAMES:

Bid Opened – March 19, 2021
Start Construction – May 12, 2021
Complete Construction – July 23, 2021

ATTACHMENTS:

1. Bid Opening
2. Resolution
3. Contract
4. Notice of Award

NOTIFICATION:

1. Karen Green
2. Kelly Wahlund
3. Dave Stanford
4. Justin Ingram
5. Tim Dillenburg