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foothill community built on California's rich gold rush history.*



City Manager's Report
March 28, 2023 City Council Meeting
Prepared By: Melissa McConnell, Associate Civil Engineer
Item#: 12.2

Subject: Adopt a resolution:

1. Approving contract Amendment No. 2 with R.E.Y. Engineers, Inc. in a not to exceed amount of \$95,732 for the Broadway Maintenance Project – from Mosquito Road to Schnell School Road (CIP #42003), and authorizing the City Manager to execute the same; and
2. Approving a Consultant Services Agreement with Dewberry Engineers, Inc. in a not to exceed amount of \$254,107.30 for construction management and inspection services for the said project, and authorizing the City Manager to execute the same; and
3. Authorizing the Engineering Department to release construction contract documents for public bidding.

Purpose: The proposed project will provide pavement maintenance improvements on Broadway between Mosquito Road and Schnell School Road. Additionally, underground utilities within Broadway will be assessed and any necessary repairs or replacements will be addressed.

Strategic Plan Strategy: Strategy 4 - Update and Maintain City-Owned Infrastructure.

Background: The Broadway Maintenance Project improvements were identified as a critical need during the final design of the federally funded Broadway Sidewalks project, which is located within the same project limits, from Mosquito Road/Main Street to Schnell School Road. The project will rehabilitate the roadway pavement through a variety pavement repairs or replacement. The project will also include storm drain improvements to the existing infrastructure to better facilitate roadway drainage when the curb, gutter, and sidewalks are constructed as part of the Broadway Sidewalks project. The existing waterlines in Broadway have been evaluated and repairs are recommended as determined through investigation, field assessment, and discussions with the Public Works Department. The Broadway Maintenance Project is locally funded with Measures H & L Funds.

Discussion:

Design Agreement with R.E.Y. Engineers, Inc.: The Broadway Maintenance Project was created as a part of the Fiscal Year 2019/2020 Budget. On November 20, 2020, the City Council approved a Consulting Services Agreement with R.E.Y. Engineers, Inc. in the amount of \$136,907 for engineering and design services for the project. On April 26, 2022, the City Council approved Amendment No. 1 to the agreement with R.E.Y. Engineers, Inc. in the amount of \$179,660 to include the additional design that was deemed necessary at the conclusion of preliminary investigations of the existing facilities. The additional project improvements include: a new sewer main located in Broadway from Wells Fargo to Mosquito Road, allowing relocation of the existing sewer main from private property to the public right of way; additional water system improvements within Broadway; ADA-compliant curb ramp improvements; extended paving limits on Mosquito Road from Broadway to the Placerville Station II project limits; and minor widening of Broadway near McDonald's to accommodate appropriate lane widths.

The roadway widening of Broadway near McDonald’s will also require the relocation of a PG&E-owned streetlight. PG&E currently estimates the cost of the design and installation of the street light relocation to be \$14,350.29 with 100% of the work at the City’s expense. All relocation work, except for trenching and conduit installation, will be performed by PG&E.

In February 2023, following the significant storms this winter, staff proceeded to obtain supplemental CCTV inspections of the City’s storm drainage system within project limits. The majority of the storm drain systems in this part of Broadway were constructed in the 1950s and 1960s as a part of the construction of Highway 50. These storm drain pipes are aging and in need of repair or replacement. R.E.Y.’s proposed Amendment No. 2 includes evaluation of the CCTV inspection results, recommendations for improvements, hydrology/hydraulics analysis, and inclusion of the proposed improvements in the Broadway Maintenance project bid documents. Staff is recommending approval of Amendment No. 2 to the Agreement with R.E.Y. in the amount of \$95,732 for the additional design services.

Construction Management Contract: Given that this is a locally-funded project, the City initially planned to perform the project’s construction management services in-house with supplemental support covered under a Task Order from the as-needed inspection services contract with Dewberry Engineers Inc (Dewberry). As the project scope of work expanded over the last two years, the City realized that the scope of work was more than available resources of the Engineering Department would be able to take on while carrying out other workload priority items. By this time, Dewberry was already selected through the Request for Proposals process to provide Construction Management services for the Broadway Sidewalks project. Given the overlap in project limits, scope of work, as well as timing overlap of construction, staff decided that it was in the best interest of the public to have the construction management services provided by the same consultant for both projects to ensure no critical scheduling problems or claims due to the overlap in time and space. Under the direction of staff, Dewberry prepared a scope and fee for the Broadway Maintenance project. Staff met with Dewberry in December 2022 to discuss the two projects and negotiated the fee with consideration of the project overlap. Staff is recommending approval of the Consulting Services Agreement with Dewberry in the amount of \$254,107.30 for the Broadway Maintenance project. This fee is representative of 9.5% of the estimated cost of construction, well below the typical 15-20% assumed for construction management services.

Currently, the construction cost is based on the Engineer’s Estimate provided by R.E.Y. Engineers, Inc. in the amount of \$3,074,418 (including contingency) and will be obligated by the various project funding sources. Actual costs will be identified upon receipt of construction bids. At the time of Council’s award of the construction contract, budget appropriation for the additional construction funds will be sought for the construction contract.

A timeline of the remaining project milestones are as follows:

Award CM Consulting Services Agreement with Dewberry.....	March 28, 2023
Draft bid documents are provided to City.....	April 19, 2023
Final bid documents are provided to City.....	May 12, 2023
Advertise Bid Documents for Construction.....	May 16, 2023
Public Notification (Mt. Democrat and others).....	May 16, 2023
Bid Opening.....	June 13, 2023
Award Construction Contract.....	July 11, 2023
Construction begins.....	August 2023
Construction complete.....	December 2023

Options:

1. Approve Amendment No. 2 with R.E.Y. Engineers, Inc. and the Consulting Services Agreement with Dewberry, as recommended by staff.
2. Direct staff to negotiate different terms and project direction.

Cost: The cost of the Amendment No. 2 with R.E.Y. Engineers, Inc. is \$95,732, and the cost of the Agreement with Dewberry Engineers Inc. is \$254,107.30.

Budget Impact: The City Council adopted the Fiscal Year 2019/2020 Capital Improvement Program Budget which appropriated \$680,000 for the Broadway Maintenance Project – from Mosquito Road to Schnell School Road (CIP #42003). At its meeting held on December 10, 2019, the City Council liquidated \$525,000 from the Measure L Fund for the Broadway Maintenance Project – From Mosquito Road to Schnell School Road (CIP #42003), a \$425,000 budget appropriation from the Measure L Fund for the Upper Broadway Bike Lanes Project-Schnell School Road to Point View Drive project (CIP #41508), and a \$100,000 budget appropriation from the Measure L Fund for the Storm Drain Replacement at the Intersection of Broadway and Schnell School Road (CIP #42004) leaving a remaining project budget of \$155,000. At its meeting held on April 26, 2022, the City Council approved an additional \$700,000 budget appropriation from the Measure L Fund unassigned fund balance for the Broadway Maintenance Project – from Mosquito Road to Schnell School Road (CIP #42003) for a total project budget of \$855,000 as shown below:

Funding Source	Revised Project Budget
Measure H Fund	\$ 100,000
Measure L Fund	755,000
Total	\$ 855,000

To date, the project has encumbered the following costs:

R.E.Y. Engineers, Inc. (Original Agreement)	\$ 136,907
R.E.Y. Engineers, Inc. (Amendment No. 1)	179,660
R.E.Y. Engineers, Inc. (Proposed Amendment No. 2)	95,732
Dewberry Engineers Inc. (Proposed Agreement)	254,107
B&B Locating, Inc.	900
El Dorado County	103
Kronick Moskovitz Tiedemann & Girard	1,962
City Staff Time	45,297
Total	\$ 714,668

As you can see, the \$714,668 in total project encumbrances, including the proposed \$95,732 Amendment No. 2 with R.E.Y. Engineers, Inc. and the proposed \$254,107.30 agreement with Dewberry Engineers Inc., is within the \$855,000 project budget.

Recommendation:

Adopt a resolution:

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M. Cleve Morris, City Manager



Rebecca Neves, City Engineer

Attachments:

- A. Resolution
- B. Project Exhibit