



AGENDA MEMORANDUM

Action Item for the City Council Meeting February 14, 2023

DATE: February 14, 2023

TO: Peter Zaroni, City Manager

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Construction Contract Award
Hearn Road – Callicoatte Road to Dead End
(Bond 2020, Proposition A)

CAPTION:

Motion awarding a construction contract to Mako Contracting, Corpus Christi, Texas, for reconstruction of Hearn Road from Callicoatte Road to Dead End with new asphalt pavement, sidewalks, and utility improvements, located in Council District 1, in an amount of \$5,411,934.01 with FY 2023 funding available from the Bond 2020 Proposition A, Storm Water, Wastewater, and Water Capital Funds.

SUMMARY:

This motion awards a construction contract to Mako Contracting for the reconstruction of Hearn Road from Callicoatte Road to Dead End. The construction will include a two-lane roadway with new asphalt pavement, installation of curb and gutter, sidewalks, ADA compliant curb ramps, signage, pavement markings, utility improvements to water, wastewater and storm water as listed in the Bond 2020 program.

BACKGROUND AND FINDINGS:

Hearn Rd from Callicoatte Rd to Dead End is classified as a minor residential collector roadway and is 0.49 miles in length. This section of street was originally constructed in 1981 and has not been recorded to have received any maintenance since. The pavement has since deteriorated and needs replacement.

This project is for the reconstruction of the existing two-lane roadway which is a 40-foot-wide curb and gutter asphalt roadway with sidewalk, underground water lines, wastewater lines, and storm water lines. This portion of Hearn Rd provides access to Calallen East Elementary School and the surrounding neighborhood.

The project scope includes full depth reconstruction of the existing 2-lane roadway with a new asphalt pavement section, pavement markings, two 4-foot utility strips, two 5-foot sidewalks, new traffic signs, ADA-compliant pedestrian improvements, drainage improvements and utility upgrades.

PROJECT TIMELINE:

2021-2022	2022-2023	2023-2024
Oct - Oct	Nov- Feb	February - February
Design	Bid/Award	Construction

Project schedule reflects City Council award in February 2023, with anticipated construction completion by February 2024.

COMPETITIVE SOLICITATION PROCESS

The Contracts and Procurement Department issued a Request for Bids October 31, 2022, for the proposed Hearn Road construction project. The solicitation contained Base Bid for asphalt pavement only. On December 14, 2022, the City received six bids for Hot Mix Asphalt Concrete (HMAC) Pavement. A summary of the bids is provided below.

	Bidder	Base Bid (HMAC)
1	Mako Contracting	\$5,411,934.01
2	J. Carroll Weaver	\$5,462,839.43
3	Clark Pipeline Services, LLC	\$5,909,151.93
4	JE Construction Services, LLC	\$6,074,216.00
5	Bay Ltd.	\$6,607,406.30
6	Jhaboros Construction Company, Inc.	\$7,678,420.00
	Engineer's Opinion of Probable Construction Cost	\$5,657,304.46

Following City Council approval for the Bond 2020 design contracts, City staff requested soil geotechnical investigations. Geotechnical investigations provide relevant information about the Plasticity Index for the projects. Based on the results of the geotechnical investigation, pavement design recommendations were made for each project. The pavement design recommendation provides clear direction to staff on which projects can be designed for asphalt pavement and/or

concrete pavement. Hearn Road was presented to and approved by Council on July 2021 as an asphalt only road. Therefore, a concrete alternative was not requested for this bid advertisement.

City staff analyzed the submitted bids in accordance with contract documents and determined Mako Contracting was the lowest responsive and responsible bidder.

Mako Contracting has successfully completed multiple reconstruction projects to include Lipes Blvd, from Yorktown Blvd to Sun Wood Drive, and the Cole Park reconstruction project. They've also been the contractor for the Downtown Streetscape Improvement project.

ALTERNATIVES:

Council could choose not to award the contract to Mako Contracting. This would delay the project and conflict with City Council's goal to expedite street projects with Bond Funds.

FISCAL IMPACT:

The fiscal impact for FY 2023 is an amount of \$5,411,934.01 with funding available from the Bond 2020 Proposition A, Storm Water, Wastewater, and Water Capital Funds. The shortfall in the funding for the project has been funded from the Bond 2020 Waldron Road Project savings. The Capital Improvement Program (CIP) shows that the project is planned for FY 2023 and the project is ready to be implemented.

Funding Detail:

Fund: **Street – ST2021 Bd20A (Fund 3558)**
Mission Elem: Street Pavement Maintenance (ME 051)
Project No.: 21047 Hearn (Callicoatte to Dead End)
Account: Construction (550910)
Activity: 21047-3558-EXP
Amount: \$2,481,606.66

Fund: **Storm Water- StrmWtr 2022 CIP (Fund 4533)**
Mission Elem: Drainage Infrastructure (ME 043)
Project No.: 21047 Hearn (Callicoatte to Dead End)
Account: Construction (550910)
Activity: 21047-4533-EXP
Amount: \$1,416,180.55

Fund: **Wastewater- WW 2023 CIP (Fund 4259)**
Mission Elem: Wastewater Collection System (ME 042)
Project No.: 21047 Hearn (Callicoatte to Dead End)
Account: Construction (550910)
Activity: 21047-4259-EXP
Amount: \$592,369.40

Fund: **Water- Water 2023 CIP (Fund 4486)**
Mission Elem: Distribute Water (ME 041)
Project No.: 21047 Hearn (Callicoatte to Dead End)
Account: Construction (550910)
Activity: 21047-4486-EXP
Amount: \$921,777.40

Overall Total \$5,411,934.01

RECOMMENDATION:

Staff recommends awarding construction contract to Mako Contracting for reconstruction of Hearn Rd from Callicoatte Road to Dead End in the amount of \$5,411,934.01, with asphalt pavement, with construction duration planned for eleven months from issuance of the Notice to Proceed, starting in February 2023, and completed by February 2024.

LIST OF SUPPORTING DOCUMENTS:

Location Map
Bid Tabs
CIP Page
Power Point Presentation