



AGENDA MEMORANDUM

First Reading Ordinance for the City Council Meeting of February 23, 2021
Second Reading Ordinance for the City Council Meeting of March 2, 2021

DATE: February 4, 2020

TO: Peter Zanoni, City Manager

FROM: Jeff H. Edmonds, P. E., Director of Engineering Services
jeffrey@cctexas.com
(361) 826-3851

Richard Martinez, Director of Public Works
richardm5@cctexas.com
(361) 826-3419

Heather Hurlbert, Director of Finance & Business Analysis
heatherh3@cctexas.com
(361) 826-3227

Construction Contract Award

**Leopard Street – Palm Drive to Nueces Bay Boulevard
(Bond 2018, Proposition A)**

CAPTION:

Ordinance rejecting the apparent low bid of Burnside Services, Inc. as non-responsive for lack of related experience and awarding a construction contract to Clark Pipeline Services, Corpus Christi, Texas, for the reconstruction of Leopard Street from Palm Drive to Nueces Bay Boulevard, located in Council District 1, with new asphalt pavement and utility improvements in an amount of \$5,262,457.37 with FY 2021 funding available from Bond 2018, Bond 2016, Storm Water, Wastewater, Gas, and Water Funds.

SUMMARY:

This motion approves a construction contract with Clark Pipeline Services for the reconstruction for Leopard Street from Palm Drive to Nueces Bay Boulevard. The construction will include new asphalt pavement, curb and gutter, sidewalks, ADA compliant curb ramps, signage, pavement markings, traffic signalization improvements, illumination improvements, and major utility improvements including storm water, wastewater, water, and gas.

BACKGROUND AND FINDINGS:

Leopard Street from Palm Drive to Nueces Bay Boulevard is classified as a Secondary Arterial Street and is 0.42 miles in length. This section of the street was originally constructed in 1908. The latest sealcoat was completed in 1994 and 2016. The current reconstruction project was approved by voters as part of the Bond 2018 program. The project scope includes reconstruction of street with new pavement, concrete curb & gutter, bus stops, sidewalks, curb ramps, concrete driveways, upgrades to traffic signals, new underground storm sewer system, installation of plastic water main and wastewater main.

In addition to the new roadway the following scope of work will be completed:

- Three RTA bus and three RTA shelter pads will be constructed.
- Upgraded traffic signalization and vehicle detection at Nueces Bay Boulevard.
- Significant stormwater improvements including installing new storm water lines along South Side of Leopard, new curb inlets, new manholes and new laterals along the entire project length.
- Significant wastewater improvements consisting of replacing to thicker walled polyvinyl chloride pipes (SDR 26 PVC) and more resistant fiberglass manholes.
- Water improvements include replacing to polyvinyl chloride pipes (PVC C900) and install 18 new fire hydrants.
- Gas valve boxes raised to grade, and gas lines adjusted as necessary.

PROJECT TIMELINE:

2018						2019						2021-2022																							
J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
Design												Bid				Construction																			

Project schedule reflects City Council award of construction contract in March 2021 with anticipated completion in May 2022.

COMPETITIVE SOLICITATION PROCESS

The Contracts and Procurement Department issued a Request for Bids for the proposed Leopard Street construction project. The solicitation contained two base bids, Base Bid 1 (asphalt) and Base Bid 2 (concrete). On November 18, 2020, the City received bids for each segment as provided below:

CONTRACTOR	BASE BID 1 (ASPHALT)	BASE BID 2 (CONCRETE)
Bay Ltd	\$6,299,999.00	NO BIID
Clark Pipeline Services	\$5,262,457.37	NO BID
<i>*Burnside Services Inc.</i>	\$4,606,359.05	\$5,125,544.35
JE Services	\$5,533,812.90	\$5,657,875.00
Reytec	NO BID	\$5,984,898.00
<i>Engineer's Opinion of Probable Cost</i>	<i>\$5,446,075.47</i>	<i>\$6,165,160.36</i>
* - Nonresponsive bidder		

Per City Council Policy 28 - Award Guidelines for Arterial and Collector Streets, an award recommendation for concrete pavement is made if the total cost of the concrete bid does not exceed \$128,000/lane mile (\$18.18/SY) of the asphalt cost, majority of the subgrade is with a Plasticity Index of greater than 30 and consideration to the adjacent pavement section to provide uniform pavement surface type.

The Plasticity index of the street is between 15-30 and the adjacent pavement section to this project limits is asphalt. This project includes approximately 2.57 lane-miles (5 travel lanes) of pavement. The construction cost difference between the concrete and the asphalt pavement is \$ 395,417.63 for 2.57 lane-miles, which equates to \$153,859.00 per lane-miles (\$21.89/SY). Based on the calculation, and the adjacent pavement section, staff recommends the award of Base Bid 1 for asphalt pavement.

Staff analyzed the submitted bids in accordance with contract documents and determined Burnside Services Inc were the lowest responsive and responsible bidders. Due to Burnside Services failure to demonstrate the required experience, their bid was declared non-responsive. Clark Pipeline Services is therefore the lowest responsive and responsible bidder. Staff is recommending awarding the contract to Clark Pipeline Services.

Clark Pipeline Services has successfully completed the following city projects: Alameda from Six Points to Louisiana in 2019, Ayers Street from Ocean Drive to Alameda Street in 2019, Navigation Boulevard from Leopard Street to Up River Road in 2018, Padre Island Water and Gas Project in 2018, and the Water IDIQ in 2017. Additionally, Clark Pipeline has successfully completed several emergency declaration projects.

ALTERNATIVES:

The alternative is not to award construction contracts to Clark Pipeline Services, and this would delay the project and conflict with City Council's goal to expedite street projects.

FISCAL IMPACT:

The fiscal impact in FY 2021 is an amount of \$5,262,457.37 with funding available from the Bond 2018, Bond 2016, Storm Water, Wastewater, Gas, and Water Funds.

Funding Detail:

Project expenditures presented in the Capital Improvement Program (CIP) were preliminary cost estimates. Funding for the project has been aligned by transferring funds from Bond 2016 reserves.

Fund: ST2020 BD 18 P1(Fund 3556)
Mission Elem: Street Pavement Maintenance (051)
Project: Leopard St (Palm Dr to Nueces Bay Blvd) (Project No. 18027A)
Account: Construction Contract (550910)
Activity: 18027-A-3556-EXP
Amount: \$2,075,938.00

Fund: ST2018 GO BD16 (Fund 3554)
Mission Elem: Water Distribution System (041)
Project: Leopard St (Palm Dr to Nueces Bay Blvd) (Project No. 18027A)
Account: Construction Contract (550910)
Activity: 18027-A-3554-EXP
Amount: \$803,613.82

Fund: Storm Water 2021 CI (Fund 4533)
Mission Elem: Storm Water Drainage (043)
Project: Leopard St (Palm Dr to Nueces Bay Blvd) (Project No. 18027A)
Account: Construction Contract (550910)
Activity: 18027-A-4533-EXP
Amount: \$1,087,652.55

Fund: Water 2020 (Fund 4099)
Mission Elem: Water Distribution System (041)
Project: Leopard St (Palm Dr to Nueces Bay Blvd) (Project No. 18027A)
Account: Construction Contract (550910)
Activity: 18027-A-4099-EXP
Amount: \$623,980.31

Fund: WW Capital Resv (Fund 4258)
Mission Elem: Wastewater Collection System (042)
Project: Leopard St (Palm Dr to Nueces Bay Blvd) (Project No. 18027A)
Account: Construction Contract (550910)
Activity: 18027-A-4258-EXP
Amount: \$544,318.39

Fund: Gas 2015 Bond (Fund 4561)
Mission Elem: Gas Distribution system (022)
Project: Leopard St (Palm Dr to Nueces Bay Blvd) (Project No. 18027A)

Account: Construction Contract (550910)
Activity: 18027-A-4561-EXP
Amount: \$126,954.30

RECOMMENDATION:

City staff recommends awarding construction contract to Clark Pipeline Services for reconstruction of Leopard Street from Palm Drive to Nueces Bay Boulevard in the account of \$5,262,545.37 for asphalt pavement with construction duration planned for 15 months from issuance of the Notice to Proceed with construction starting March 2021.

LIST OF SUPPORTING DOCUMENTS:

Ordinance
Maps
Bid Tabs
Project List
Contract
CIP Page
HMAC Policy