



Memo

10 September 2020
To: Mayor and City Council members
Neighborhood street reconstruction award coming to you for award. Clay

To: Clay Pearson, City Manager

From: Darcy Gomez, Project Manager

CC: Trent Epperson, Assistant City Manager
Robert D Upton, P.E., Director of Engineering & Project
Clarence Wittwer, Director of Public Works
Skipper Jones, Assistant Director of Capital Projects

Date: September 10, 2020

Re: Street Reconstruction (Linwood Oaks & Orange Circle) & Orange Circle Waterline

Purpose

This memo provides information about the progress of the Street Reconstruction (Linwood Oaks & Orange Circle) & Orange Circle Waterline and the forthcoming proposed award of a contract for construction. The contract is scheduled for presentation to Council on September 28 meeting agenda.

Background

The Street Reconstruction (Linwood Oaks & Orange Circle) & Orange Circle Waterline project is part of the Street Reconstruction program approved in the 2019 Bond Referendum. The program reconstructs the City's concrete and streets with the lowest Pavement Condition Index (PCI). The street identified within the Linwood Oaks Subdivision have a current PCI ranging between 37-66, this area ranks #1 in the replacement priority list for concrete streets. Orange Circle has a PCI of 40 and is ranked #2 in the replacement priority list.

Replacement of the waterline is required due to the existing waterline being transite pipe and shallow location that will be affected by the road reconstruction. The waterline will be replaced with PVC pipe material.

The streets within Linwood Oaks subdivision designated for improvement are Briar Circle, Linwood Oaks, and Yupon Circle. This project involves reconstructing these streets with new 6" thick concrete curb & gutter pavement and includes the reconstruction of existing storm sewer inlets at Plum Street. Orange Circle is planned to be reconstructed with new 6" thick concrete curb & gutter pavement and includes the reconstruction of existing storm water inlets on Orange Circle North and Orange Circle South. The project also includes the replacement of 1,000-feet of existing water lines on Orange Circle and approximately 700 feet of water line on Mykawa Road between Orange Street and Orange Circle.

The design for the Street Reconstruction (Linwood Oaks & Orange Circle) & Orange Circle Waterline was performed by ARKK Engineers. The design NTP was issued in August 2019 and design was completed in June 2020.

Bid and Award

Advertising for the project commenced on July 29, 2020 and followed the current practice of two ads and a non-mandatory pre-bid conference for non-critical or non-complex projects. The non-mandatory practice for selected projects has been due to the COVID pandemic. We have been holding Pre-bid meetings via virtual platforms and have had good success on contractor participation. The project was planned to utilize the Low Bid (Local Gov't Code Chapter 271, subchapter B) Lowest Responsible Bidder process. Bids were opened on August 20, 2020. Nine contractors submitted bids ranging from \$1,493,273.00 to \$3,018,303.00. PRV Services, Inc., was the apparent responsible low bidder, submitting the bid of \$1,493,273.00 which is approximately 7.86% below the engineer's construction estimate of \$1,899,180.40.

PRV Services, Inc. has not worked in the City of Pearland before. PRV has been in business since 2014 and has successfully completed several street reconstructions projects as a subcontractor for SER Construction Partners, LLC working in the Houston Metro Area. ARKK Engineers reached out to the references provided by PRV and they indicated they were very pleased with the work performed by PRV Services and would consider them on future projects. According to PRV's Representatives', PRV is also familiar with the City of Pearland's requirements and expectations and are looking forward to this opportunity and have the qualified personnel and experience to complete the work successfully and on time. The Owner/Project Manager for PRV Services, Inc. had previously worked with the City of Pearland as a Senior Project Manager representing SER Construction Partners, LLC for the following projects: Regency Park Subdivision Paving and Drainage and Kirby Drive Improvements.

ARKK Engineers has reviewed the bids and has provided a Recommendation to Award to PRV Services, Inc. Staff will recommend to Council at its September 28 agenda to award the contract to PRV Services, Inc. in the amount of, \$1,493,273.00.

The contract includes 240 calendar days of substantial completion with an additional 30 days to achieve final completion. With Council approval in late September, Staff plans to hold the pre-construction conference in October and issue the Notice to Proceed (NTP). The expected completion date is July 2021.

In addition to the construction contract award, staff will bring the construction materials testing contract before Council on September 28, 2020. Staff has negotiated a professional services contract with Geoscience Engineering & Testing, Inc. (GETI) in the not to exceed amount of \$56,924.00. GETI will provide acceptance testing and observation services to include of proof-rolling observations of paving subgrade; laboratory compaction and field density testing of subgrade materials; stabilized observations for the paving subgrade material; reinforcement observations; concrete observations and testing to determine the compressive strength of concrete.

A project information packet with Frequently Asked Questions was sent to the residents in June 2020. The existing conditions and the design from ARKK did not include sidewalks along Briar Circle and West Linwood Oaks Street. Staff included a comment form in the packet, asking the residents of Briar Circle and West Linwood Oaks Street if they would like sidewalks in their neighborhood. All the residents declined. Therefore, ARKK moved forward with their design and did not include sidewalk in those areas. Staff will continue communication with the residents and

notify them throughout the construction phase of any upcoming traffic control, property access, and road closure changes via mail and/or door hangers.

Schedule

	Base Line	Current
Design Start	August-19	August-19
Bid Start	June-20	July-20
Construction Start	October-20	
Proposed Construction Completion	July-21	

Budget Info

Street Reconstruction (Linwood & Orange Circle)

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
General Obligation Bonds	TBS 2021	2,230,000		-
General Obligation Bonds				-
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources				-
Total Funding Sources		2,230,000	-	2,230,000

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	203,870		203,870
Construction		1,375,092	1,375,092
Construction Management/Inspection			-
Construction Materials Testing		53,597	53,597
FF&E			-
Total Expenditures	203,870	1,428,689	1,632,559

Project Balance/Contingency	597,442
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Orange Circle Waterline

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
General Obligation Bonds				-
System Revenue - Cash		320,000		320,000
W/S Revenue Bonds				-
Impact Fee - Debt				-

Other Funding Sources			-
Total Funding Sources	320,000	-	320,000

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	27,635		27,635
Construction		118,181	118,181
Construction Management/Inspection			-
Construction Materials Testing		3,328	3,328
FF&E			-
Total Expenditures	27,635	121,509	149,144

Project Balance/Contingency			170,857
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Recommendation

Staff will recommend Council approve and award the construction services contract to PRV Services, Inc. in the amount of \$1,493,273.00 at the September 28, 2020 Council meeting.

Project Map

