

# Staff Report



Construction Contract for Davis Pressure Plane Phase 2, Project No. WUWS17001	
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City Council Meeting Date: 01-11-2022	Action Being Considered: Minute Order
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## RECOMMENDATION

Authorize the City Manager or his designee to execute a construction contract with Flow-Line Construction, Inc., of Dallas, Texas, for the Davis Pressure Phase 2 Project in an amount not to exceed \$7,166,210. Flow-Line Construction, Inc., is an MWBE firm.

## PRIOR BOARD OR COUNCIL ACTION

On April 11, 2017, City Council approved Minute Order No. 04112017-003, authorizing the execution of an engineering services contract with Westra Consultants, LLC, of Arlington, Texas for the design of Davis Pressure Plane Phase 2 in an amount not to exceed \$448,500.

On March 17, 2020, City Council approved Minute Order No. 03172020-010, authorizing the execution of Modification No. 2 to the engineering services contract with Westra Consultants, LLC, of Arlington, Texas, for Davis Pressure Plane Phase 2 in an amount not to exceed \$48,960.

## ANALYSIS

The current Water Master Plan has identified water main improvements which will expand the Upper Pressure Plane into the area generally bounded by Cooper Street, Fielder Road, Arkansas Lane and Sanford Street. These improvements will increase the water pressure in this area which is currently experiencing lower than average daily operating pressures. The proposed improvements have been divided in two phases. Phase 1 was completed in 2019. Although Phase 1 has provided better circulation and fewer water infrastructure failures due to the new infrastructure installed, the pressure increase will not occur until Phase 2 is complete.

Phase 2 improvements consists of constructing approximately 7,500 linear feet of 16-inch water mains. It also includes replacement of approximately 1,600 linear feet of 6-inch to 12-inch water mains, and 2,700 linear feet of 8-inch sanitary sewer mains. Once the water and sanitary sewer improvements are complete, approximately 7,450 square yards of concrete pavement will be replaced in Arkansas Lane, and 8,400 square yards of asphalt pavement will be reconstructed by street reclamation in Venture Drive, Monte Carlo Drive, Fielder Road, and Cherry Drive. This project will extend the life of the public facilities, reduce maintenance costs, and improve service to these areas.

Date of Bid:	November 18, 2021
Number of Bids Received:	Three
Number of Bids from Arlington Firms:	None
Prequalification:	Yes
Engineer's Estimate:	\$5,980,000
Range of Bids:	\$7,166,210 - \$7,994,918.75
Low Bid:	\$7,166,210
Recommended Low Bidder:	Flow-Line Construction, Inc., of Dallas, Texas
Contract Scope:	Construct 7,500 LF of 16-inch water mains
Contract Time:	420 calendar days
Purchasing Method:	Lowest Responsive, Responsible Bidder

VENDOR	MWBE	TOTAL
Flow-Line Construction, Inc.	YES	\$7,166,210
Woody Contractors, Inc.	No	\$7,994,918.75
SYB Construction Co., Inc.	YES	Non-responsive

Flow-Line Construction, Inc., was selected for this project through a competitive, sealed bid process. Flow-Line Construction, Inc., has agreed to an MWBE project goal of 24% based on MWBE utilization. However, since Flow-Line Construction, Inc., is an MWBE firm which will be self-performing much of the work on this project and they are also utilizing at least one MWBE firm as a subcontractor, their estimated MWBE participation will be 82.41% or about \$5,900,000.

Name of Prime Vendor	Flow-Line Construction Inc.
Total Contract Value	7,166,210
Prime Vendor's M/WBE Status	HI
Dollar Amount of Prime Vendor's Self-Performance	\$5,859,710
Percentage Amount of Prime Vendor's Self-Performance	81.77%
Name of Subcontractor (1)	Reynolds Asphalt and Construction
Subcontractor's M/WBE Status	None
Dollar Amount Subcontract	\$390,000
Percentage Amount of Subcontract	5.44%
Name of Subcontractor (2)	McMahon Contracting
Subcontractor's M/WBE Status	None
Dollar Amount Subcontract	\$700,000
Percentage Amount of Subcontract	9.79%
Name of Subcontractor (3)	Viking Construction
Subcontractor's M/WBE Status	None
Dollar Amount Subcontract	\$95,000
Percentage Amount of Subcontract	1.32%
Name of Subcontractor (4)	Linear Traffic Markings
Subcontractor's M/WBE Status	None
Dollar Amount Subcontract	\$75,000
Percentage Amount of Subcontract	1.04%
Name of Subcontractor (5)	C. Green Scaping, LP
Subcontractor's M/WBE Status	HI
Dollar Amount Subcontract	\$4,500
Percentage Amount of Subcontract	0.062%
Name of Subcontractor (6)	Hanna Surveying and Engineering
Subcontractor's M/WBE Status	WO
Dollar Amount Subcontract	\$42,000
Percentage Amount of Subcontract	0.58%
Total M/WBE Participation	(82.41%) \$5,906,210

#### FINANCIAL IMPACT

##### Funding Sources:

Water Bond Fund	<u>CC658502-PJWUWS17001-SC0676</u>	\$6,125,521
Sanitary Sewer Bond Fund	<u>CC648502-PJWUWS17001-SC0691</u>	\$ 894,990
Street Maintenance Fund	<u>CC728501-PJWUWS17001-SC0614</u>	\$ 145,699

<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>
\$5,000,000	\$2,166,210	\$0

There is no maintenance cost associated with this project during the referenced time period because the contract provides for a two-year maintenance bond.

ADDITIONAL INFORMATION

Attached:	Bid Tab Location Map
Under separate cover:	None
Available in the City Secretary's Office:	None

STAFF CONTACT(S)

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