



November 16, 2018

Ms. Susan Oyler, P.E.
City of League City
300 Walker Street
League City, Texas 77573

**Reference: Westover Park Lift Station and Force Main Improvements, WW 1801B
Bid No. 19-CIP-002, Bid Tabulation and Contract Award Recommendation**

Dear Ms. Oyler:

Bids were publicly opened and read on November 15, 2018, 11:00 AM for the above-referenced project. The following is a summary of the received two (2) bids.

Bid Tabulation - A copy of the bid tabulation is attached. A summary of the total amount for each of the submitted bids is as follows. The Contractors are listed in bid order from lowest to highest.

<u>Contractor</u>	<u>Total Bid Amount</u>
1. RJ Construction Company, Inc.	\$1,380,875.00
2. Peltier Brothers Construction, Ltd.	\$1,606,114.00

Binkley & Barfield, Inc. examined the bids and found two (2) mathematical errors on Peltier Brothers Construction's Bid, one in the calculation of Bid Item no.10 and the other in the Total Bid Amount, which decreased their base bid from \$1,609,614.00 to \$1,606,114.00. The mathematical errors on Peltier Brothers Construction's Bid does not change the outcome of the apparent low bidder. Peltier Brothers Construction, Ltd. did not submit the required Media Source with the Bid Documents and was disqualified by the City.

RJ Construction Company, Inc. has been a responsible contractor on previous City projects and we believe it can perform the specified work in a satisfactory manner.

The City elected to include Alternate Bid Item A1 for coating of the existing lift station wet well and a 6-ft manhole for the bid amount of \$60,000.00. The Total Bid Amount with Alternate Bid Item is shown as follows:

<u>Contractor</u>	<u>Add Alternate 1</u>	<u>Total Amount Bid Including Alternate Item</u>
RJ Construction Company, Inc.	\$60,000.00	\$1,440,875.00

Binkley & Barfield, Inc. recommends that the City of League City award the Westover Park Lift Station and Force Main Improvement Project to RJ Construction Company, Inc. for **\$1,440,875.00**.

If you have any questions, please contact me.

Sincerely,
Binkley & Barfield, Inc.
Consulting Engineers

Li C. Chen, PE
Sr. Project Manager
Attachment



11/16/2018



TABULATION OF BIDS
WESTOVER PARK LIFT STATION AND FORCE MAIN IMPROVEMENTS
CIP WW 1801B
CITY OF LEAGUE CITY
RECEIVED AND OPENED ON 11/15/2018 AT 11:00 AM
BID NO. 19-CIP-002

Prepared By: SB

				BIDDER NUMBER 1		BIDDER NUMBER 2		Average of All Bidders		ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST	
				R J Construction Co., Inc. PO BOX 2181 Missouri City, Texas 77459		Peltier Brothers Construction, Ltd. 10727-A Peltier Lane Houston, Texas 77064					
Item No.	Item Description	Unit Meas.	Quantity	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	Mobilization and Set-up per Specifications.(1)	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
2	Performance and Payment Bonds and Insurance per Contract Documents.	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00	\$ 22,500.00	\$ 22,500.00	\$ 5,000.00	\$ 5,000.00
3	Lump Sum work for demolition and replacement of the existing Westover Park Lift Station submersible pumps with three (3) new pumps including base elbows, guide rails, 10-inch riser piping, 14-inch force main manifold with tees, fittings and pipe supports, replacement of safety net; a new pump control panel with new SCADA equipment, new power cables and conduits; rehab of the wet well to apply protective coating; removal of the existing 6-ft fence to install new 8-ft fence; installation of a new flow meter, pressure and level instruments to provide a complete operable lift station. Lump Sum work includes construction sequencing, wastewater bypass pumping, site dewatering and trench safety system with all labor, equipment and materials and coordination with Owner's Representative to minimize interruption of pump station operations.	LS	1								
				\$ 699,000.00	\$ 699,000.00	\$ 906,926.00	\$ 906,926.00	\$ 802,963.00	\$ 802,963.00	\$ 424,245.00	\$ 424,245.00
4	Lump sum work for SWPPP and Traffic Control and Safety, with all labor, barricades, lighting, flagmen and all other equipment and personnel required for safe excavation, boring, utility, and pavement installation within and adjacent to the right-of-way.	LS	1								
				\$ 12,000.00	\$ 12,000.00	\$ 9,600.00	\$ 9,600.00	\$ 10,800.00	\$ 10,800.00	\$ 24,500.00	\$ 24,500.00
5	Lump sum work for removal of the existing 165 KW diesel generator and installation of a new 230 KW generator set including electrical modifications, new conductor cables and conduits. Work shall include all labor and equipment for personnel safety per OSHA regulations.	LS	1								
				\$ 165,000.00	\$ 165,000.00	\$ 160,483.00	\$ 160,483.00	\$ 162,741.50	\$ 162,741.50	\$ 137,100.00	\$ 137,100.00
6	Lump sum work for modification of the existing Countryside 10-inch force main to divert wastewater flow to Westover Park Lift Station and installation of a new 14-inch force main, PVC C-905, DR25 from Westover Park Lift Station to connect to the existing 14-inch force main at Maple Leaf Drive, using trenchless and open cut construction, including service manholes for a flow meter, installation of automatic air release valves with container boxes and plug valves with boxes. Lump Sum work includes construction sequencing and isolation of sewer lines, bypass pumping and modification of existing manhole for force main discharge, dewatering system for control of groundwater/ surface water with all labor, equipment and materials for trench safety system to guarantee personnel safety in excavation, boring, and restoration of concrete pavement installation. All work requires coordination with Owner's Representative to minimize interruption of pump station operations.	LS	1								
				\$ 152,000.00	\$ 152,000.00	\$ 212,990.00	\$ 212,990.00	\$ 182,495.00	\$ 182,495.00	\$ 375,500.00	\$ 375,500.00
7	Lump sum work for installation of an odor control system package. Work includes tapping an existing 24-inch water main to install a 1.5-inch waterline to the Lift Station site, with new water meter and back flow preventer and a hose bibb, plumbing connections, installation of a concrete platform and concrete modifications for mounting of auxiliary accessories, electrical connection and control alarm outputs to provide an operational odor control system for the lift station.	LS	1								
				\$ 198,000.00	\$ 198,000.00	\$ 167,840.00	\$ 167,840.00	\$ 182,920.00	\$ 182,920.00	\$ 224,000.00	\$ 224,000.00
8	Extra Machine Excavation, complete in place. (Minimum Bid \$15/CY)(2)	CY	50	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 10.00	\$ 500.00
9	Extra Hand Excavation, complete in place. (Minimum Bid \$20/CY)(2)	CY	20	\$ 20.00	\$ 400.00	\$ 20.00	\$ 400.00	\$ 20.00	\$ 400.00	\$ 20.00	\$ 400.00
10	Extra unit price for Ductile Iron Pipe and fittings of any size, pressure tested, complete in place. (Minimum Bid \$1800/Ton)(2)	Ton	2	\$ 1,800.00	\$ 3,600.00	\$ 1,800.00	\$ 3,600.00	\$ 1,800.00	\$ 3,600.00	\$ 1,800.00	\$ 3,600.00
11	Extra unit price for 10" PVC C-905, DR25 piping and fitting for underground installation, complete in place. (Minimum Bid \$55/LF)(2)	LF	100	\$ 55.00	\$ 5,500.00	\$ 55.00	\$ 5,500.00	\$ 55.00	\$ 5,500.00	\$ 55.00	\$ 5,500.00
12	Extra unit price for Concrete repair using non-shrink grout, complete in place per Spec 03931. (Minimum Bid \$15/SF)(2)	SF	20	\$ 25.00	\$ 500.00	\$ 15.00	\$ 300.00	\$ 20.00	\$ 400.00	\$ 15.00	\$ 300.00
13	Extra unit price for installation of concrete paving for driveway including rebars and subgrade per Spec 02751 and 02754, complete in place. (Minimum Bid \$80/SY)	SY	10	\$ 100.00	\$ 1,000.00	\$ 80.00	\$ 800.00	\$ 90.00	\$ 900.00	\$ 80.00	\$ 800.00
14	Extra unit price for 14" PVC C-905, DR25 piping and fitting for underground installation, complete in place. (Minimum Bid \$85/LF)	LF	100	\$ 85.00	\$ 8,500.00	\$ 85.00	\$ 8,500.00	\$ 85.00	\$ 8,500.00	\$ 85.00	\$ 8,500.00
15	Extra unit price for replacement of 10" Swing Check Valve with flanged connection and lever arm, installed complete. (Minimum Bid \$4,000/unit)(2)	EA	3	\$ 4,000.00	\$ 12,000.00	\$ 4,000.00	\$ 12,000.00	\$ 4,000.00	\$ 12,000.00	\$ 4,000.00	\$ 12,000.00
16	Extra unit price for replacement 10" Plug Valve with flanged connection, installed complete. (Minimum Bid \$1,600/unit)(2)	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 1,600.00	\$ 4,800.00	\$ 1,800.00	\$ 5,400.00	\$ 1,600.00	\$ 4,800.00
17	Extra 1" PVC coated Rigid Steel conduit run, installed above grade, complete in place. (Minimum Bid \$12/LF)(2)	LF	100	\$ 12.00	\$ 1,200.00	\$ 12.00	\$ 1,200.00	\$ 12.00	\$ 1,200.00	\$ 12.00	\$ 1,200.00
18	Extra 1½" PVC coated Rigid Steel conduit run, installed above grade, complete in place. (Minimum Bid \$15/LF)(2)	LF	100	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00
19	Extra 1½" PVC SCH 80 conduit run, installed underground with concrete encasement, complete in place. (Minimum Bid \$20/LF)(2)	LF	100	\$ 20.00	\$ 2,000.00	\$ 20.00	\$ 2,000.00	\$ 20.00	\$ 2,000.00	\$ 20.00	\$ 2,000.00
20	Extra Copper No. 12 AWG conductor with XHHW-2 insulation, for installation in conduit, complete in place. (Minimum Bid \$1.20/LF)(2)	LF	500	\$ 1.20	\$ 600.00	\$ 1.20	\$ 600.00	\$ 1.20	\$ 600.00	\$ 0.85	\$ 425.00
21	Extra Copper No. 14 AWG conductor with XHHW-2 insulation, for installation in conduit, complete in place. (Minimum Bid \$0.85/LF)(2)	LF	500	\$ 0.85	\$ 425.00	\$ 0.85	\$ 425.00	\$ 0.85	\$ 425.00	\$ 1.20	\$ 600.00
22	Extra 2/C or 3/C, No. 16 AWG twisted shielded instrument cable for installation in conduit, complete in place. (Minimum Bid \$1.80/LF)(2)	LF	500	\$ 1.80	\$ 900.00	\$ 1.80	\$ 900.00	\$ 1.80	\$ 900.00	\$ 1.80	\$ 900.00
CA 1	Installation of a DFS Telemetry Control Unit (TCU) Tac Pack with programming of the RTU and SCADA communication for a complete operating pump control system as shown on plans and in the specifications. (1)	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
CA 2	Texas New Mexico Power Work Order.(1)	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
A1	Furnish and apply Spectra Shield® barrier coating to the lift station wet well and the 6-ft force main discharge manhole, including material and labor with all required tools and accessories per Spec Section 09905.	LS	1	\$ 60,000.00	\$ 60,000.00	\$ 90,000.00	\$ 90,000.00	\$ 75,000.00	\$ 75,000.00	\$ 64,062.50	\$ 64,062.50
	SUBTOTAL BASE BID ITEMS NO.1 - 7				\$ 1,301,000.00		\$ 1,527,839.00		\$ 1,414,419.50		\$ 1,240,345.00
	SUBTOTAL EXTRA WORK BID ITEMS NO.8 - 22				\$ 44,875.00		\$ 43,275.00		\$ 44,075.00		\$ 43,025.00
	SUBTOTAL CASH ALLOWANCE ITEMS				\$ 35,000.00		\$ 35,000.00		\$ 35,000.00		\$ 35,000.00
	TOTAL AMOUNT BID				\$ 1,380,875.00		\$ 1,606,114.00		\$ 1,493,494.50		\$ 1,318,370.00
	SUBTOTAL ADD ALTERNATE BID ITEM A1				\$ 60,000.00		\$ 90,000.00		\$ 75,000.00		\$ 64,062.50
	TOTAL AMOUNT BID INCLUDING ALTERNATE 1				\$ 1,440,875.00		\$ 1,696,114.00		\$ 1,568,494.50		\$ 1,382,432.50



11/16/2018

