

HDR | CLAUNCH & MILLER

Engineering Consultants

March 3, 2009

Mr. Mike Hogan, P.E.
Director of Utilities
City of Texas City
301 6th Street North
Texas City, Texas 77590

Re: **Letter of Recommendation for 2008 Lift Station Improvements Project**
City of Texas City
HDR|C&M Job No. 08-036

Dear Mr. Hogan:

On February 26, 2009, ten (10) bids were received on the above referenced project. The following is a summary of our bid evaluation:

Bid Tabulation Sheet - Ten (10) construction firms participated in the bidding process. Each bid was checked for mathematical errors and/or bid irregularities. Errors were identified and corrected for the bids received from SER Construction Partners, Ltd. and Base Construction. The project was bid with a base bid and one (1) add alternate bid. The base bid includes improvements to lift stations 1, 4, 9, and 17. Add Alternate #1 included the option of providing steel piping in the wet well in lieu of ductile iron pipe. The bids for the total project are as follows:

	Contractor	Total Base Bid	Add Alternate No. 1	Total Project
1	SER Construction Partners, Ltd.	\$ 659,517.50	\$ 12,450	\$ 671,967.50
2	Matula & Matula Const.	\$ 672,705.30	\$ 6,815.67	\$ 679,520.97
3	R & B Group	\$ 797,202.50	\$ 10,500.00	\$ 807,702.50
4	T & C Construction	\$ 849,625.00	\$ 14,000.00	\$ 863,625.00
5	G&N Enterprises	\$ 856,787.50	\$ 31,500.00	\$ 888,287.50
6	Associated Const. Partners	\$ 732,250.00	\$ 161,000.00	\$ 893,250.00
7	Liftwater Const.	\$ 878,192.50	\$ 24,200.00	\$ 902,392.50
8	Peltier Brothers Const.	\$ 899,740.00	\$ 11,750.00	\$ 911,490.00
9	D. Wagner Const.	\$ 923,999.50	\$ 6,200.00	\$ 930,199.50
10	Base Const.	\$ 997,642.50	\$ 10,558.00	\$1,008,200.50

A copy of the bid tabulation is attached.

Qualification Statement with References – SER Construction Partners, Ltd. has provided a list of representative completed projects with contacts that serve as their “Statement of Qualifications” for this project. They are as follows:

- Vogel Creek Lift station for the Harris County Flood Control District
- East Lake Houston Lift Stations for the City of Houston
- Lift Station No. 11 for the City of Texas City
- Victory Lakes Lift Station for the City of League City
- Mar Bella Lift Station for the City of League City

HDR|Claunch & Miller has contacted the references to obtain information regarding their performance on these projects. The above entities are satisfied with the performance of SER Construction, Ltd. on all the projects. SER Construction, Ltd. appears to be a responsible firm that is capable of performing the specified work in a satisfactory manner.

Recommendations

HDR|Claunch & Miller recommends that the City of Texas City award the 2008 Lift Station Improvements Project to SER Construction, Ltd. for a total of \$ **671,967.50**.

If you have any questions, please contact me.

Sincerely,

HDR|CLAUNCH & MILLER



Madhu Kilambi, P.E.
Senior Project Manager

MK/kl

Cc: Mr. Doug Kneupper, P.E. – City of Texas City
Mr. Tom Kessler, P.E. – City of Texas City

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL AMOUNT	SER Const. Partners	Matula & Matula Const.	Associated Const. Partners	R & B Group	T & C Construction
BASE BID ITEMS - LIFT STATION NO. 1										
1	By-Pass pumping as necessary to facilitate the rehabilitation of the Lift Station (including pumps, piping, valving, and traffic control)	L.S.	1	\$40,750.00	\$40,750.00	\$40,750.00	\$18,893.40	\$18,893.40	\$70,000.00	\$80,000.00
2	Selective demolition as shown on plan drawings, including disposal and/or salvaging of all pipes, pumps, vent piping, removal of dry well pump pedestal, concrete top, and floor grating	L.S.	1	\$18,000.00	\$18,000.00	\$18,000.00	\$11,799.00	\$11,799.00	\$25,000.00	\$20,000.00
3	Application of 4-inch thick (minimum) cementitious liner in existing wet well, excluding ceiling and bottom	S.F.	1,080	\$18.50	\$20,165.00	\$20,165.00	\$15.75	\$17,187.50	\$18.00	\$27,250.00
4	Application of 100 mils (minimum) of epoxy liner in existing wet well, including ceiling, excluding bottom	S.F.	1,250	\$9.50	\$11,875.00	\$11,875.00	\$7.89	\$9,862.50	\$8.00	\$10,000.00
5	Rehabilitation of existing wet well/dry well including installation of two new dry-well submersible pumps, each capable of meeting a design point of 1,925 GPM @ 47 FT TDH, class 1 division 1 explosion proof motor, pump suction and discharge piping and valves, discharge elbows, blind flanges, support brackets, air release valve and piping, wet/dry well vents, 10-inch concrete top, pipe supports, thrust blocking, pump filling and cabling, conduits, pump installation, reconnection of proposed 14-inch force main to existing 14-inch force main, new electrical service equipment with new generator connector and manual transfer switch, pump control panel with solidstate controller by Best Controls Co. Model PC-3000, pump motor feeders and terminal boxes, telephone service, lighting and receptacles, audiovisual controls and furnish all appurtenances and all other items as shown on the drawings and as described in the specifications as necessary for the complete operation of the proposed lift station improvements	L.S.	1	\$180,000.00	\$180,000.00	\$223,980.20	\$223,980.20	\$223,980.20	\$182,000.00	\$190,000.00
					\$244,790.00			\$284,440.00		\$336,000.00
TOTAL BASE BIND - LIFT STATION NO. 1										
BASE BID ITEMS - LIFT STATION NO. 4										
6	By-Pass pumping as necessary to facilitate the rehabilitation of the Lift Station (including pumps, piping, valving, and traffic control)	L.S.	1	\$10,500.00	\$10,500.00	\$10,500.00	\$1,679.00	\$1,679.00	\$12,000.00	\$20,000.00
7	Selective demolition as shown on drawings, including disposal and/or salvaging of all pipes, pumps, metal frame, and vent piping	L.S.	1	\$9,750.00	\$9,750.00	\$9,750.00	\$2,921.00	\$2,921.00	\$15,000.00	\$20,000.00
8	Application of 1-inch thick (minimum) cementitious liner in existing wet well, excluding ceiling and bottom	S.F.	260	\$9.00	\$2,340.00	\$2,340.00	\$11.85	\$3,078.00	\$8.00	\$6,500.00
9	Application of 100 mils (minimum) of epoxy liner in existing wet well, including ceiling, excluding bottom	S.F.	300	\$9.50	\$2,850.00	\$2,850.00	\$9.83	\$2,949.00	\$8.00	\$6,000.00
10	Pumps, each capable of meeting a design point of 215 GPM @ 21 FT TDH, class 1 division 1 explosion proof motor, pump suction and discharge piping and valves, pump rail system, discharge elbows, blind flanges, support brackets, air release valve and piping, wet well vents, pipe supports, thrust blocking, 10-inch concrete top, pump lifting and cabling, conduits, pump installation, reconnection of proposed 6-inch force main to existing 6-inch force main, new electrical service equipment with new generator connector and manual transfer switch, pump control panel with solid state controller by Best Controls Co. Model PC-3000, pump motor feeders and terminal boxes, telephone service, lighting and receptacles, audiovisual controls, and furnish all appurtenances and all other items as shown on the drawings and as described in the specifications as necessary for the complete operation of the proposed lift station improvements	L.S.	1	\$83,000.00	\$83,000.00	\$105,978.00	\$105,978.00	\$96,000.00	\$130,000.00	\$100,500.00
					\$116,496.00			\$134,400.00		\$161,480.00
TOTAL BASE BIND - LIFT STATION NO. 4										
BASE BID ITEMS - LIFT STATION NO. 9										
11	By-Pass pumping as necessary to facilitate the rehabilitation of the Lift Station (including pumps, piping, valving, and traffic control)	L.S.	1	\$13,750.00	\$13,750.00	\$13,750.00	\$1,679.00	\$1,679.00	\$20,000.00	\$20,000.00
12	Selective demolition as shown on drawings, including disposal and/or salvaging of all pipes, pumps, metal frame, and piping overflow	L.S.	1	\$9,500.00	\$9,500.00	\$9,500.00	\$2,921.00	\$2,921.00	\$15,000.00	\$20,000.00
13	Application of 1-inch thick (minimum) cementitious liner in existing wet well, excluding ceiling and bottom	S.F.	210	\$9.00	\$1,890.00	\$1,890.00	\$13.39	\$2,811.90	\$6.00	\$1,680.00
14	Application of 100 mils (minimum) of epoxy liner in existing wet well, including ceiling, excluding bottom	S.F.	280	\$9.50	\$2,470.00	\$2,470.00	\$12.49	\$3,247.40	\$8.00	\$2,080.00
					\$5,340.00			\$3,900.00		\$5,200.00

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
BASE BID ITEMS - LIFT STATION NO. 1													
1	By-Pass pumping as necessary to facilitate the rehabilitation of the Lift Station (including pumps, piping, valving, and traffic control)	L.S.	1	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$78,670.00	\$78,670.00	\$40,000.00	\$40,000.00
2	Selective demolition as shown on plan drawings, including disposal and/or salvaging of all pipes, pumps, vent piping, removal of dry well pump pedestal, concrete top, and floor grating	L.S.	1	\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$35,000.00	\$35,000.00	\$65,000.00	\$65,000.00
3	Application of 4-inch thick (minimum) cementitious liner in existing wet well, excluding ceiling and bottom	S.F.	1,090	\$20.00	\$21,800.00	\$15.00	\$16,350.00	\$18.00	\$17,440.00	\$18.30	\$17,787.00	\$21.00	\$22,890.00
4	Application of 100 mils (minimum) of epoxy liner in existing wet well, including ceiling, excluding bottom	S.F.	1,250	\$10.50	\$13,125.00	\$7.50	\$9,375.00	\$8.00	\$10,000.00	\$8.25	\$10,312.50	\$10.00	\$12,500.00
5	Rehabilitation of existing wet well/dry well including installation of two new dry-pit submersible pumps, each capable of meeting a design point of 1,925 GPM @ 47 FT TDH, class 1 division 1 explosion proof motor, pump suction and discharge piping and valves, discharge elbows, blind flanges, support brackets, air release valve and piping, wet/dry well vents, 10-inch concrete top, pipe supports, thrust blocking, pump filling and cabling, conduits, pump installation, reconnection of proposed 14-inch force main to existing 14-inch force main, new electrical service equipment with new generator connector and manual transfer switch, pump control panel with solidstate controller by Best Controls Co. Model PC-3000, pump motor feeders and terminal boxes, telephone service, lighting and receptacles, autosensory controls and furnish all appurtenances and all other items as shown on the drawings and as described in the specifications as necessary for the complete operation of the proposed lift station improvements	L.S.	1	\$257,000.00	\$257,000.00	\$285,275.00	\$285,275.00	\$255,000.00	\$255,000.00	\$241,230.00	\$241,230.00	\$203,000.00	\$203,000.00
					\$246,926.00		\$336,000.00		\$302,440.00		\$392,975.50		\$343,390.00
TOTAL BASE BIND - LIFT STATION NO. 1													
BASE BID ITEMS - LIFT STATION NO. 4													
6	By-Pass pumping as necessary to facilitate the rehabilitation of the Lift Station (including pumps, piping, valving, and traffic control)	L.S.	1	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00	\$2,500.00	\$2,500.00	\$14,770.00	\$14,770.00	\$15,000.00	\$15,000.00
7	Selective demolition as shown on drawings, including disposal and/or salvaging of all pipes, pumps, metal frame, and vent piping	L.S.	1	\$25,000.00	\$25,000.00	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00	\$12,440.00	\$12,440.00	\$20,000.00	\$20,000.00
8	Application of 1-inch thick (minimum) cementitious liner in existing wet well, excluding ceiling and bottom	S.F.	260	\$10.00	\$2,600.00	\$11.00	\$2,860.00	\$8.00	\$2,080.00	\$8.00	\$2,080.00	\$15.00	\$3,900.00
9	Application of 100 mils (minimum) of epoxy liner in existing wet well, including ceiling, excluding bottom	S.F.	300	\$10.50	\$3,150.00	\$9.00	\$2,700.00	\$8.00	\$2,400.00	\$8.25	\$2,475.00	\$14.00	\$4,200.00
10	class 1 division 1 explosion proof motor, pump suction and discharge piping and valves, pump rail system, discharge elbows, blind flanges, support brackets, air release valve and piping, wet well vents, pipe supports, thrust blocking, 10-inch concrete top, pump filling and cabling, conduits, pump installation, reconnection of proposed 6-inch force main to existing 6-inch force main, new electrical service equipment with new generator connector and manual transfer switch, pump control panel with solid state controller by Best Controls Co. Model PC-2000, pump motor feeders and terminal boxes, telephone service, lighting and receptacles, autosensory controls, and furnish all appurtenances and all other items as shown on the drawings and as described in the specifications as necessary for the complete operation of the proposed lift station improvements	L.S.	1	\$117,250.00	\$117,250.00	\$138,000.00	\$138,000.00	\$180,000.00	\$180,000.00	\$129,200.00	\$129,200.00	\$165,000.00	\$165,000.00
					\$165,000.00		\$160,560.00		\$188,980.00		\$160,965.00		\$208,100.00
TOTAL BASE BIND - LIFT STATION NO. 4													
BASE BID ITEMS - LIFT STATION NO. 9													
11	By-Pass pumping as necessary to facilitate the rehabilitation of the Lift Station (including pumps, piping, valving, and traffic control)	L.S.	1	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00	\$2,500.00	\$2,500.00	\$14,770.00	\$14,770.00	\$20,000.00	\$20,000.00
12	Selective demolition as shown on drawings, including disposal and/or salvaging of all pipes, pumps, metal frame, and piping overflow	L.S.	1	\$25,000.00	\$25,000.00	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00	\$12,490.00	\$12,490.00	\$25,000.00	\$25,000.00
13	Application of 1-inch thick (minimum) cementitious liner in existing wet well, excluding ceiling and bottom	S.F.	210	\$10.00	\$2,100.00	\$11.00	\$2,310.00	\$8.00	\$1,680.00	\$8.00	\$1,680.00	\$19.00	\$3,990.00
14	Application of 100 mils (minimum) of epoxy liner in existing wet well, including ceiling, excluding bottom	S.F.	260	\$10.50	\$2,730.00	\$9.00	\$2,340.00	\$8.00	\$2,080.00	\$8.25	\$2,145.00	\$17.00	\$4,420.00

