

**HIGHLINE WATER DISTRICT
King County, Washington**

RESOLUTION 16-8-17D

RESOLUTION ACCEPTING AS COMPLETE CONTRACT #16-50-02 WITH STREICH BROS., INC. FOR RESERVOIR AND TANK VENT REPAIRS AT THE MANSION HILL AND NORTH HILL SITES

WHEREAS, the District authorized Contract #16-50-02 for diagnosing and repairing vents on the District's tanks and reservoirs; and

WHEREAS, the repairs required were beyond the scope of work of the original contract and authorized amount; and

WHEREAS, the Board authorized Amendment No. 1 (Resolution 16-3-16B) to make the necessary repairs; and

WHEREAS, during the repairs the District discovered significant deterioration to the structure of the 2.5 MG Mansion Hill reservoir; and

WHEREAS, the District declared an emergency (Resolution 16-5-18A) and waived the formal competitive bidding requirements of RCW 39.04.280(1)(e); (2)(b) and (3) and authorized Amendment #2 to Contract #16-50-02 with Streich Bros., Inc. to make the related repairs at the Mansion Hill 2.5 mg reservoir on a time and materials basis (approximately \$97,000); and


WHEREAS, Streich Bros., Inc., completed the vent repairs per District standards and the District Engineer recommends final acceptance. The General Manager concurs.

NOW, THEREFORE, BE IT RESOLVED:


1. The Board of Commissioners accepts as complete Contract #16-50-02 with Streich Bros., Inc. for the vent repairs (Exhibit A – Final Pay Request No. 2, attached and incorporated herein) at the Mansion Hill reservoirs and North Hill tank.
2. The General Manager or designee is authorized to sign the necessary paperwork to close out this project.

ADOPTED BY THE BOARD OF COMMISSIONERS of Highline Water District, King County, Washington, at an open public meeting held this **17th** day of **August 2016**.

BOARD OF COMMISSIONERS



Vince Koester, President



Daniel Johnson, Commissioner



Kathleen Quong-Vermeire, Commissioner



Todd Fultz, Secretary



George Landon, Commissioner

EXHIBIT A

ITEM #	DESCRIPTION	ESTIMATED CONTRACT QUANTITIES			
		BID QTY	UNIT	UNIT PRICE	AMOUNT
1	Site Evaluation-3 tanks/ Repair Estimates/Bond	1	LS	\$10,455.00	\$10,455.00

C.O. #	CHANGE ORDERS ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	PREV. APPROVED		TOTAL THIS REQUEST		TOTAL TO DATE		C.O. #	
						QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT		%
1	Site Evaluation of 5 Tanks. 5.0 MG Reservoir - Mansion Hill * SBI will use 24 mesh screening, batten bars, and screws to secure the screening to span from the aluminum 6' x 6' rain bonnet to the underneath side of the existing flange as opposed to a complete rebuild of the tank vent. This tank has been slated for potential demolition in the near future, so this method should achieve the short term repair necessary. If will require disassembly and re-assembly to effect the repairs, but will be much more economical than the rebuild. * SBI intends to effect this repair in a single day of labor.	1.00	LS	\$1,116.00	\$1,116.00	1.00	\$1,116.00	1.00	\$0.00	1.00	\$1,116.00	100.00%	1
	2.5 MG Reservoir - Mansion Hill * SBI will disassemble the vent structure, and document the existing design to enable recreation of a fresh unit. This unit will be fabricated in 304 stainless steel. * SBI intends to effect this repair process over two separate on-site visits.	1.00	LS	\$10,650.00	\$10,650.00	1.00	\$10,650.00	1.00	\$0.00	1.00	\$10,650.00	100.00%	
	2.5 MG Tank - Mansion Hill * SBI will fashion a stainless steel ring to fit over the top side of the vent dome. We will secure the 24 mesh screens to this ring by sandwiching the mesh between two bars/ribs. The 24 mesh will be fastened to the remaining vent neck with stainless steel hose clamp banding. * SBI will use H.D. Galv. chain and a lock of HWD's choosing and supply to lock the current inspection ladder to the platform at the top of the tank. This ladder has been determined to be a safety issue because the neck of the vent pipe is very deteriorated and could present a real danger should the ladder be rotated and used as a primary safety item for a human. * SBI intends to effect this repair process on a single on-site visit.	1.00	LS	\$4,526.00	\$4,526.00	0.00	\$0.00	1.00	\$4,526.00	1.00	\$4,526.00	100.00%	
	1.0 MG - North Hill Tank As described in our site evaluation report, this tank requires repairs that are isolated to the 24 mesh screening only. * SBI intends to remove the existing damaged screen, and replace with 24 mesh that is the same as used on all other tank repairs. * SBI intends this repair to be performed on a single on-see visit.	1.00	LS	\$1,642.00	\$1,642.00	1.00	\$1,642.00	1.00	\$0.00	1.00	\$1,642.00	100.00%	
2	3 Ft. Vent & Support Structures Replacement (2.5 MG) A 3-foot diameter vent on the Mansion Hill 2.5 mg reservoir was scheduled to be replaced. On further inspection by the District's contractor (Streich Bros. Inc.), the inside structures supporting the vent are corroded and need to be replaced. The tank was drained in order to diagnose the extent of damage and immediate repairs are necessary to prevent structural damage to the facility. The facility is critical to District operations.	1.00	FA	\$97,000.00	\$97,000.00	0.00	\$0.00	1.05	\$101,906.43	1.05	\$101,906.43	105.06%	2

* Change Order No. 1 includes Bid Item No. 1 lump sum amount of \$10,455.00

Current Contract Amount		Sub Total		Sub Total	
Current Contract Amount	\$118,463.00	Sub Total	\$16,937.00	Sub Total	\$123,369.43
WSST 9.5%	\$11,253.99	WSST 9.5%	\$1,609.02	WSST 9.5%	\$11,720.10
Total	\$129,716.99	Total	\$18,546.02	Total	\$135,089.53
Less 5% Retainage	-\$5,923.15	Less 5% Retainage	-\$946.85	Less 5% Retainage	-\$6,168.47
Grand Total	\$123,793.84	Grand Total	\$17,699.17	Grand Total	\$128,921.06



Agenda Item No.: 5.4

Agenda Date: 8/17/16

Reviewed By: M.E.

Subject: Accept as Complete – Construction Contract #16-50-02
Reservoir and Tank Vent Repairs at the Mansion Hill and North Hill Sites
Streich Bros., Inc. (Contractor)

CATEGORY		FINANCIAL			
<i>Executive</i>	<input type="checkbox"/>	<i>Expenditures?</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<i>Administrative</i>	<input type="checkbox"/>	<i>Budgeted?</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<i>Engineering/Operations</i>	<input checked="" type="checkbox"/>	<i>Amount: \$</i> _____ <i>Not-to Exceed</i>			

Attachments:

1. Resolution 16-8-17D
2. Exhibit A – Final Pay Request No. 2

Comments:

Streich Bros., Inc. completed the vent repairs per District standards and the District Engineer recommends final acceptance. The General Manager concurs.

Construction Costs (w/WSST) Breakdown:

Contract Amount: \$ 129,716.99
Final Construction Costs: \$ 135,089.53