

BID TABULATION  
 SHVUA PRIORITY 1 AND 2 IMPROVEMENTS PROJECT  
 SOUTH HURON VALLEY UTILITY AUTHORITY  
 WAYNE COUNTY, MICHIGAN

Bids Due: Wednesday, May 5, 2021 at 10:00 a.m.  
 HRC Job # 20190897

Heaney General Contracting, Inc.  
 7560 Carpenter Road  
 Ypsilanti, MI 48197  
 (734) 435-9330

J.F. Cavanaugh Company  
 20750 Sunnydale Avenue  
 Farmington Hills, MI 48336  
 (248) 486-9366

Commercial Contracting Corp.  
 4260 N. Atlantic Boulevard  
 Auburn Hills, MI 48326  
 (248) 209-0471

Item			Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
<b>General</b>								
G.1	Division 00	1	LS	\$1,018,683.55	\$1,018,683.55	\$305,502.00	\$305,502.00	\$497,933.00
G.2	Division 01	1	LS	\$2,444,840.52	\$2,444,840.52	\$1,222,755.00	\$1,222,755.00	\$1,645,311.00
<b>Civil Work:</b>								
C.1	Concrete Pavement, Remove	12,500	SY	\$11.40	\$142,500.00	\$10.00	\$125,000.00	\$24.18
C.2	Concrete Sidewalk, Remove	300	SY	\$9.50	\$2,850.00	\$33.00	\$9,900.00	\$38.55
C.3	Concrete Pavement Joint & Crack Sealing	22,500	FT	\$3.04	\$68,400.00	\$1.00	\$22,500.00	\$1.84
C.4	Concrete Pavement, Replace, 9-incl	12,380	SY	\$85.50	\$1,058,490.00	\$85.00	\$1,052,300.00	\$74.52
C.5	Concrete Sidewalk, 4-incl	3,000	SF	\$7.13	\$21,390.00	\$7.00	\$21,000.00	\$8.41
C.6	Concrete Pavement, New, 9-incl	500	SY	\$88.35	\$44,175.00	\$85.00	\$42,500.00	\$114.80
C.7	Aggregate Base, Supplement, 21AA	1,520	TN	\$30.40	\$46,208.00	\$35.00	\$53,200.00	\$24.18
C.8	Curb, Concrete, Integral, 6-inch, Type I	675	FT	\$21.85	\$14,748.75	\$17.00	\$11,475.00	\$12.61
C.9	Curb, Concrete, Integral, Type E4	145	FT	\$32.30	\$4,683.50	\$85.00	\$12,325.00	\$14.72
C.10	HMA Surface, Rem	115	SY	\$21.85	\$2,512.75	\$40.00	\$4,600.00	\$14.72
C.11	Pavt Joint and Crack Repr, Det 7	150	FT	\$18.53	\$2,779.50	\$10.00	\$1,500.00	\$31.54
C.12	Pavt Joint and Crack Repr, Det 8	150	FT	\$18.53	\$2,779.50	\$15.00	\$2,250.00	\$47.31
C.13	HMA, 36A	80	TN	\$80.75	\$6,460.00	\$126.00	\$10,080.00	\$247.04
C.14	Bollard	15	EA	\$760.00	\$11,400.00	\$3,000.00	\$45,000.00	\$1,451.67
C.15	Sludge Truck Loading Containment Sewe	1	LS	\$18,762.50	\$18,762.50	\$57,138.00	\$57,138.00	\$25,440.00
C.16	Re-route Trench Drain Outlet Sewer, Lystek Buildin	1	LS	\$8,265.00	\$8,265.00	\$29,615.00	\$29,615.00	\$23,232.00
C.17	Aggregate Surface, 21AA, 6-inches	50	SY	\$34.20	\$1,710.00	\$22.00	\$1,100.00	\$15.76
C.18	Site Restoration	1	LS	\$23,750.00	\$23,750.00	\$38,000.00	\$38,000.00	\$52,562.00
C.19	SH-06 Manhole Modifications	1	LS	\$11,200.00	\$11,200.00	\$13,000.00	\$13,000.00	\$22,602.00
C.20	Pavt Mrkg, Waterborne, 4 inch, Yellow	1,000	FT	\$1.14	\$1,140.00	\$2.00	\$2,000.00	\$1.58
C.21	Pavt Mrkg, Waterborn, For Rest Areas, Parks & Lots, 4 inch, Blu	300	FT	\$1.90	\$570.00	\$600.00	\$600.00	\$5.26
C.22	Chain Link Horizontal Slide Gate, Automated, Trenton Arm Pump Station	1	LS	\$18,840.00	\$18,840.00	\$106,263.00	\$106,263.00	\$10,486.00
C.23	Biosolids Truck Loading Platform	1	LS	\$80,750.00	\$80,750.00	\$78,800.00	\$78,800.00	\$82,125.00
C.24	All Remaining Civil Work	1	LS	\$361,000.00	\$361,000.00	\$19,000.00	\$19,000.00	\$82,523.00
<b>Structural Work:</b>								
S.1	Tank Cleaning Item 1	1	LS	\$60,000.00	\$60,000.00	\$300,321.00	\$300,321.00	\$625,217.00
S.2A	Pressure Injection of Non-Weeping Cracks Repair Type 2f	2,337	LFT	\$49.16	\$114,886.92	\$54.00	\$126,198.00	\$29.43
S.2B	Pressure Injection of Weeping Cracks/Joints Repair Type 2E	1,300	LFT	\$53.53	\$69,589.00	\$45.00	\$58,500.00	\$32.00
S.3A	Concrete Surface Repair Type 3A	3,120	SFT	\$104.88	\$327,225.60	\$67.00	\$209,040.00	\$91.00
S.3B	Concrete Surface Repair Type 3E	2,120	SFT	\$144.21	\$305,725.20	\$100.00	\$212,000.00	\$155.00
S.3C	Concrete Surface Repair Type 3C	2,270	SFT	\$191.19	\$434,001.30	\$140.00	\$317,800.00	\$227.30
S.4	Sawcut Form and Pour Repair Type 4	17	CYD	\$7,756.75	\$131,864.75	\$9,200.00	\$156,400.00	\$7,541.59
S.5	Removal of Anchor Bolts Repair Type 5	1	LS	\$5,225.00	\$5,225.00	\$17,280.00	\$17,280.00	\$33,283.00
S.6	Removal of Guardrail Post Repair Type 6	28	EA	\$294.98	\$8,259.44	\$250.00	\$7,000.00	\$235.00
S.7A	Guardrail Post Repair Type 7A	232	EA	\$137.66	\$31,937.12	\$110.00	\$25,520.00	\$554.21
S.7B	Guardrail Post and Sleeve Repair Type 7B	4	EA	\$1,064.95	\$4,259.80	\$2,695.00	\$10,780.00	\$3,025.00
S.8	NOT USED							
S.9A	Conc Coating, Interior, Repair Type 9A	1,500	SF	\$23.10	\$34,650.00	\$62.00	\$93,000.00	\$22.08
S.9B	Conc Coating, Interior, Repair Type 9E	18,050	SF	\$37.40	\$675,070.00	\$61.00	\$1,101,050.00	\$35.74
S.10	Construction Joint Rehab Repair Type 10	2,110	LF	\$7.65	\$16,141.50	\$6.00	\$12,660.00	\$12.61
S.11	Expansion Joint Rehab Repair Type 11	4,490	LF	\$194.47	\$873,170.30	\$155.00	\$695,950.00	\$105.12
S.12	Tank Expansion Joint Repair Type 12	220	LF	\$16.39	\$3,605.80	\$13.00	\$2,860.00	\$37.00
S.13	Stainless Steel Guardrail Item 13	250	LF	\$112.53	\$28,132.50	\$614.00	\$153,500.00	\$268.43
S.14	NOT USED							
S.15	Concrete Grout Topping Item 15	362	CYD	\$874.00	\$316,388.00	\$650.00	\$235,300.00	\$262.00
S.16	RAS Pipe Encasement Repair Type 16	4	EA	\$7,592.88	\$30,371.52	\$7,000.00	\$28,000.00	\$2,743.00
S.17	Pressure Relief Valve Repair Type 17	9	EA	\$5,059.00	\$45,531.00	\$1,400.00	\$12,600.00	\$277.78
S.18	Concrete Infill Repair Type 18	4	EA	\$1,474.88	\$5,899.52	\$5,200.00	\$20,800.00	\$4,405.00
S.19	Haag Tank Column Repair Type 15	7	EA	\$22,669.38	\$158,685.66	\$14,000.00	\$98,000.00	\$19,811.00
S.20	Misc. Structural Modifications	1	LS	\$11,935.11	\$11,935.11	\$99,728.00	\$99,728.00	\$344,282.00
S.21	All Remaining Structural Work	1	LS	\$639,350.00	\$639,350.00	\$734,030.00	\$734,030.00	\$912,751.00
<b>Architectural Work:</b>								
A.1	Brick Repointing	400	LFT	\$19.66	\$7,864.00	\$16.00	\$6,400.00	\$24.00
A.2	CMU Repointing	470	LFT	\$19.67	\$9,244.90	\$16.00	\$7,520.00	\$23.00
A.3	Limestone Repointing	100	LFT	\$24.04	\$2,404.00	\$18.00	\$1,800.00	\$26.00
A.4	Brick Replacement	178	EA	\$49.16	\$8,750.48	\$58.00	\$10,324.00	\$269.00
A.5	Limestone Replacement	6	LFT	\$928.63	\$5,571.78	\$200.00	\$1,200.00	\$1,453.00
A.6	CMU Crack Repairs	154	LFT	\$43.70	\$6,729.80	\$12.00	\$1,848.00	\$25.00
A.7	Power Wash & Remove Paint at Pipe Gallery Walls & Ceiling	1	LS	\$152,487.00	\$152,487.00	\$154,500.00	\$154,500.00	\$130,354.00

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Item		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
A.8	Prep/Paint Existing Piping at Pipe Gallery	1 LS	\$110,000.00	\$110,000.00	\$233,413.00	\$233,413.00	\$187,768.00
A.9	Prep/Paint New Piping at Pipe Gallery	1 LS	\$40,000.00	\$40,000.00	\$22,660.00	\$22,660.00	\$20,815.00
A.10	Tank Observation Hole Covers	24 EA	\$3,600.00	\$86,400.00	\$7,253.00	\$174,072.00	\$3,039.38
A.11	Replacement Doors, Frames and Door Hardware	1 LS	\$50,000.00	\$50,000.00	\$59,000.00	\$59,000.00	\$22,600.00
A.12	Re-Roofing	1 LS	\$886,145.75	\$886,145.75	\$668,882.00	\$668,882.00	\$743,965.00
A.13	All Remaining Architectural Work	1 LS	\$380,000.00	\$380,000.00	\$332,434.00	\$332,434.00	\$844,495.00
<b>Process Work:</b>							
P.1	Grit Removal and Disposal	500 CY	\$50.00	\$25,000.00	\$933.00	\$466,500.00	\$218.66
P.2	Furnished Stacked Tray System	1 LS	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00
P.3	Final Clarifiers	4 EA	\$531,300.00	\$2,125,200.00	\$696,075.00	\$2,784,300.00	\$33,502.80
P.4	RAS Submersible Pump	1 LS	\$65,450.00	\$65,450.00	\$74,500.00	\$74,500.00	\$26,300.00
P.5	Boerger Submersible Rotary Lobe Pump	4 EA	\$78,694.00	\$314,776.00	\$78,330.00	\$313,320.00	\$71,540.00
P.6	Submersible Haag Pump Accessories	1 LS	\$312,400.00	\$312,400.00	\$207,500.00	\$207,500.00	\$284,000.00
P.7	Pipe Removal and Replacement	1 LS	\$275,000.00	\$275,000.00	\$162,400.00	\$239,032.00	\$239,032.00
P.8	SFE System	1 LS	\$337,700.00	\$337,700.00	\$228,350.00	\$228,350.00	\$40,500.00
P.9	All Remaining Process Work	1 LS	\$1,935,030.90	\$1,935,030.90	\$3,728,519.00	\$3,728,519.00	\$2,772,408.00
<b>Mechanical Work:</b>							
M.1	All Mechanical Work	1 LS	\$2,900,700.00	\$2,900,700.00	\$2,628,270.00	\$2,628,270.00	\$6,267,561.00
<b>Electrical Work:</b>							
E.1	VFDs for Pumps 2 and 4	2 EA	\$59,451.00	\$118,902.00	\$65,359.00	\$130,718.00	\$23,396.00
E.2	VFDs for Pumps 3 and 5	2 EA	\$55,983.00	\$111,966.00	\$59,610.00	\$119,220.00	\$22,192.00
E.3	All Remaining Electrical Work	1 LS	\$1,003,027.08	\$1,003,027.08	\$1,276,998.00	\$1,276,998.00	\$1,693,078.00
	remove the Generator cost (conservative) (Firooz says not to remove anymore small Generator (conservative))	1	(\$700,000.00)	\$0.00	-\$700,000.00	\$0.00	(\$700,000.00)
		1	(\$150,000.00)	\$0.00	-\$150,000.00	\$0.00	(\$150,000.00)
<b>I&amp;C / SCADA Work:</b>							
I.1	Plant SCADA Upgrade	1 LS	\$270,308.00	\$270,308.00	\$270,308.00	\$270,308.00	\$270,308.00
I.2	PLC Migration Project	1 LS	\$373,111.00	\$373,111.00	\$373,111.00	\$373,111.00	\$373,111.00
I.3	Metering Instrumentation & SCADA	1 LS	\$139,997.00	\$139,997.00	\$139,997.00	\$139,997.00	\$139,997.00
I.4	Priority 1 & 2 Controls	1 LS	\$92,212.00	\$92,212.00	\$92,212.00	\$92,212.00	\$92,212.00
I.5	MLSS Control Panel	1 LS	\$100,139.00	\$100,139.00	\$65,710.00	\$65,710.00	\$47,855.00
I.6	All Remaining I&C / SCADA Work	1 LS	\$446,607.70	\$446,607.70	\$595,522.00	\$595,522.00	\$271,746.90
<b>Collection Systems:</b>							
CS.1	Odette Pump Station	1 LS	\$652,000.00	\$652,000.00	\$662,375.00	\$662,375.00	\$534,471.00
CS.2	Furnish and Install Flow Meters	1 LS	\$154,247.00	\$154,247.00	\$154,247.00	\$154,247.00	\$154,247.00
CS.3	SH-1 Antenna Installation	1 LS	\$6,030.00	\$6,030.00	\$6,030.00	\$6,030.00	\$6,030.00
CS.4	Flow Meter Replacement All Other Work	1 LS	\$88,000.00	\$88,000.00	\$69,089.00	\$69,089.00	\$65,495.00
<b>Allowances:</b>							
A.1	Allowance for Permits	1 LS	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
A.2	Allowance for Additional SCADA Improvement	1 LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
A.3	Allowance for Gas Utility	1 LS	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
A.4	Allowance for Unforeseen Condition:	1 LS	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00
<b>Total Amount of Bid</b>				\$24,842,195.00		\$25,736,969.00	\$26,359,001.20

**Alternatives:**

Clarifier Trough Deduct. The following amount shall be deducted from the Total Amount of Bid if the Section 11600 Submerged Effluent Launder is used in lieu of the concrete trough, weirs, baffle, and effluent covers:

	(\$900,000.00)		(\$550,000.00)		(\$380,000.00)
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Alternative Clarifier. The following amount shall be added to the Total Amount of Bid if the following Clarifier is installed in lieu of the base-bid clarifier:

	\$900,000.00		\$0.00		\$115,000.00
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Alternative RAS Pump: The following amount shall be reduced from the Total Amount of Bid if the following RAS pump is installed in lieu of the base-bid pump:

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Item	Heaney General Contracting, Inc.		J.F. Cavanaugh Company		Commercial Contracting Corp.	
	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
		<u>(\$15,000.00)</u>		<u>\$0.00</u>		<u>\$0.00</u>
Alternative ATS		<u>\$258,023.00</u>	Kochler	<u>\$160,000.00</u>		<u>\$150,000.00</u>

Please note that some Total Cost values were corrected by the Engineer based on Unit Price summations.  
 The Bids all came in above the bonded amount. The project has been value engineered by removing Bid Items and modifying quantities, but the original bids are shown he

ENGINEER: Tim Sullivan, P.E.  
 Hubbell, Roth & Clark, Inc.  
 555 Hulet Drive  
 Bloomfield Hills, MI 48303

*Other Bidders*  
 Kokosing  
 Clark CC  
 Weis

*Bid Estimate*  
 \$26,621,540.00  
 \$27,038,140.00  
 \$27,387,797.00