Stantec Consulting Michigan Inc.
3754 Ranchero Drive, Ann Arbor MI 48108-2771

October 19, 2021
File: 2075139103

Attention: Mr. Billy Weirich, Director of Utilities
Pittsfield Charter Township
6201 W. Michigan Avenue
Ann Arbor, Michigan 48108

Dear Mr. Weirich,

Reference: US-12 Wastewater Improvements – SRF Project #5713-01 – Bid Review

Pursuant to your direction, bids for the above-referenced project were received at the Clerk's Office on Friday, October 8, 2021, where they were opened and read aloud at 11:00 AM. A total of five (5) bids were received, ranging from a low bid in the amount of $33,214,678.75 for the base bid, submitted by Dunigan Brothers, Inc. (Dunigan) of Jackson, Michigan to a high bid in the amount of $51,730,238.00 for the base bid submitted by Stante Excavators (Stante) of Wixom, Michigan. A bid tabulation has been enclosed summarizing all of the bids that were received for the project.

Stantec has reviewed Dunigan's references and completed work list and verified their experience on similar projects, some of which have been in the Township.

Based on our review of the provided references, and the bids received, we believe that Dunigan has the ability to perform the work satisfactorily on this project. Dunigan is therefore deemed the lowest responsive, responsible bidder for the above referenced project in the amount of THIRTY-THREE MILLION, TWO HUNDRED FOURTEEN THOUSAND, SIX HUNDRED SEVENTY-EIGHT and 75/100 Dollars ($33,214,678.75).

Due to the monetary limitations associated with the bond that will be funded through the Clean Water State Revolving Fund, it is further recommended that the Township proceed with removing project scope through a deductive change order issued immediately following award. The enclosed Change Order No. 1 reduces the overall contract value to an amount of TWENTY-SEVEN MILLION, SIXTY-NINE THOUSAND, SEVEN HUNDRED FOURTEEN AND 15/100 Dollars ($27,069,714.15). The change order includes the removal of sewer installation along Platt Road and along Michigan Avenue to the west of Textile Road.

Should the Township choose to award a contract to Dunigan, we would be pleased to prepare the contracts for execution, obtain the required bonds and insurance, and schedule a preconstruction meeting to initiate this project. We would like to thank you for this opportunity to provide services for the Township and we look forward to continuing this relationship in the future.

Regards,

Stantec Consulting Michigan Inc.

Chris Elenbaas PE
Project Manager
Phone: 734 214 2552
Christopher.Elenbaas@stantec.com

Stantec Consulting Michigan Inc.

Mark Pascoe PE, LEED® AP, ENV SP
Principal
Phone: 734 214 1865
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Attachment: Bid Tabulation
Contract Change Order No. 1

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Stantec

Bid Tabulation
for the
US-12 Wastewater Improvement - SRF Project #5713-01
for
Pittsfield Charter Township

Bid Date: Friday, October 8, 2021
11:00 AM, local time

2075139103

CONTRACTOR:				Dunigan Brothers, Inc. 911 E. South Street Jackson, MI 49203 (517) 787-4720		Pamar Enterprises, Inc. 31604 Pamar Court New Haven, MI 48048 (586) 749-8593		L. D'Agostini & Sons, Inc. 15801 23 Mile Road Macomb, MI 48042 (586) 781-5800	
No.	**Item**	**Qty.**	**Units**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
1	Mobilization, Max 5%	1	LSUM	$ 1,644,080.00	$ 1,644,080.00	$ 1,400,000.00	$ 1,400,000.00	$ 1,966,002.50	$ 1,966,002.50
2	Utility Exploration and Coordination, Max 5%	1	LSUM	$ 1,314,850.00	$ 1,314,850.00	$ 150,000.00	$ 150,000.00	$ 1,659,715.50	$ 1,659,715.50
3	Traffic Control and Maintenance	1	LSUM	$ 17,190.00	$ 17,190.00	$ 550,000.00	$ 550,000.00	$ 250,820.50	$ 250,820.50
4	Soil Erosion Control	1	LSUM	$ 50,450.00	$ 50,450.00	$ 18,000.00	$ 18,000.00	$ 244,325.50	$ 244,325.50
5	Audio/Video Route Survey	1	LSUM	$ 5,900.00	$ 5,900.00	$ 18,000.00	$ 18,000.00	$ 5,658.00	$ 5,658.00
6	MDOT Coordination	1	LSUM	$ 12,500.00	$ 12,500.00	$ 5,000.00	$ 5,000.00	$ 144,988.50	$ 144,988.50
7	Permit Fee Allowance	1	LSUM	$ 300,000.00	$ 300,000.00	$ 300,000.00	$ 300,000.00	$ 300,000.00	$ 300,000.00
8	Utility Relocation Allowance	1	LSUM	$ 300,000.00	$ 300,000.00	$ 300,000.00	$ 300,000.00	$ 300,000.00	$ 300,000.00
9	Platt Road Pump Station Abandonment	1	LSUM	$ 87,200.00	$ 87,200.00	$ 65,000.00	$ 65,000.00	$ 104,188.00	$ 104,188.00
10	Meadowview Pump Station Abandonment	1	LSUM	$ 88,190.00	$ 88,190.00	$ 65,000.00	$ 65,000.00	$ 85,473.50	$ 85,473.50
11	Ashford Village Pump Station Abandonment	1	LSUM	$ 88,190.00	$ 88,190.00	$ 65,000.00	$ 65,000.00	$ 83,610.50	$ 83,610.50
101	Tree, Remove, 6-inch to 18-inch	124	EA	$ 1,278.00	$ 158,472.00	$ 800.00	$ 99,200.00	$ 334.00	$ 41,416.00
102	Tree, Remove, 19-inch to 36-inch	24	EA	$ 3,550.10	$ 85,202.40	$ 2,000.00	$ 48,000.00	$ 2,984.50	$ 71,628.00
104	Structure, Remove	16	EA	$ 461.20	$ 7,379.20	$ 1,550.00	$ 24,800.00	$ 901.50	$ 14,424.00
105	Sewer, Remove, Less than 24-inch	5,500	FT	$ 24.30	$ 133,650.00	$ 6.00	$ 33,000.00	$ 5.00	$ 27,500.00
106	Sewer, Remove, 24-inch to 48-inch	1,900	FT	$ 34.00	$ 64,600.00	$ 9.00	$ 17,100.00	$ 9.50	$ 18,050.00
107	Sewer, Abandon, 36-inch	5,510	FT	$ 63.90	$ 352,089.00	$ 20.00	$ 110,200.00	$ 50.00	$ 275,500.00
109	Curb and Gutter, Remove	2,050	FT	$ 5.50	$ 11,275.00	$ 6.00	$ 12,300.00	$ 9.50	$ 19,475.00
110	Fence, Remove	520	FT	$ 12.50	$ 6,500.00	$ 8.00	$ 4,160.00	$ 12.00	$ 6,240.00
111	Pavement, Remove	39,300	SYD	$ 4.90	$ 192,570.00	$ 10.00	$ 393,000.00	$ 1.50	$ 58,950.00
112	Sidewalk, Remove	2,200	SYD	$ 5.50	$ 12,100.00	$ 8.00	$ 17,600.00	$ 9.50	$ 20,900.00
113	Exploratory Investigation, Vertical	200	FT	$ 97.20	$ 19,440.00	$ 100.00	$ 20,000.00	$ 58.00	$ 11,600.00
114	Machine Grading	113	STA	$ 3,445.40	$ 389,330.20	$ 8,500.00	$ 960,500.00	$ 3,796.00	$ 428,948.00
115	Subgrade Undercutting and Backfill	1,000	CYD	$ 38.90	$ 38,900.00	$ 70.00	$ 70,000.00	$ 56.00	$ 56,000.00
121	Sewer, Abandon, 6-inch to 10-inch	855	FT	$ 33.40	$ 28,557.00	$ 5.00	$ 4,275.00	$ 21.50	$ 18,382.50
122	Structure, Abandon	19	EA	$ 738.00	$ 14,022.00	$ 650.00	$ 12,350.00	$ 515.00	$ 9,785.00
123	Force Main, Abandon, 6-inch	2,450	FT	$ 18.70	$ 45,815.00	$ 3.00	$ 7,350.00	$ 9.00	$ 22,050.00
124	Force Main, Abandon, 8-inch	1,720	FT	$ 19.50	$ 33,540.00	$ 4.00	$ 6,880.00	$ 9.00	$ 15,480.00
202	Erosion Control, Silt Fence	28,200	FT	$ 2.60	$ 73,320.00	$ 1.65	$ 46,530.00	$ 2.50	$ 70,500.00
203	Erosion Control, Inlet Filter	31	EA	$ 109.20	$ 3,385.20	$ 225.00	$ 6,975.00	$ 212.50	$ 6,587.50
204	Erosion Control, Sediment Trap	10	EA	$ 103.40	$ 1,034.00	$ 200.00	$ 2,000.00	$ 293.00	$ 2,930.00
205	Erosion Control, Check Dam	300	FT	$ 18.50	$ 5,550.00	$ 20.00	$ 6,000.00	$ 69.00	$ 20,700.00
206	Tree Protection Fence	5,600	FT	$ 4.90	$ 27,440.00	$ 3.00	$ 16,800.00	$ 6.00	$ 33,600.00
300	Culvert with End Sections, CMP, 12-inch	1,930	FT	$ 80.70	$ 155,751.00	$ 60.00	$ 115,800.00	$ 52.50	$ 101,325.00
301	Storm Sewer, RCP CL IV, 12-inch, Tr Det B	651	FT	$ 146.30	$ 95,241.30	$ 65.00	$ 42,315.00	$ 73.00	$ 47,523.00
303	Storm Sewer, RCP CL IV, 18-inch, Tr Det B	62	FT	$ 157.40	$ 9,758.80	$ 88.00	$ 5,456.00	$ 113.50	$ 7,037.00
304	Storm Sewer, RCP CL IV, 24-inch, Tr Det B	97	FT	$ 185.00	$ 17,945.00	$ 90.00	$ 8,730.00	$ 130.00	$ 12,610.00
305	Storm Sewer, RCP CL IV, 36-inch, Tr Det B	132	FT	$ 236.50	$ 31,218.00	$ 150.00	$ 19,800.00	$ 192.50	$ 25,410.00
306	Culvert with End Sections, CMP, 15-inch	330	FT	$ 87.70	$ 28,941.00	$ 86.00	$ 28,380.00	$ 60.00	$ 19,800.00
307	Culvert with End Sections, CMP, 18-inch	275	FT	$ 96.90	$ 26,647.50	$ 87.00	$ 23,925.00	$ 68.50	$ 18,837.50
308	Culvert with End Sections, CMP, 24-inch	62	FT	$ 120.50	$ 7,471.00	$ 99.00	$ 6,138.00	$ 124.50	$ 7,719.00

CONTRACTOR:				Dunigan Brothers, Inc. 911 E. South Street Jackson, MI 49203 (517) 787-4720		Pamar Enterprises, Inc. 31604 Pamar Court New Haven, MI 48048 (586) 749-8593		L. D'Agostini & Sons, Inc. 15801 23 Mile Road Macomb, MI 48042 (586) 781-5800	
No.	**Item**	**Qty.**	**Units**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
400	Sanitary Sewer, Lateral, PVC SDR 26, 6-inch	160	FT	$ 138.40	$ 22,144.00	$ 428.00	$ 68,480.00	$ 159.00	$ 25,440.00
401	Sanitary Sewer, PVC SDR 26, 8-inch, Tr Det B	184	FT	$ 352.10	$ 64,786.40	$ 429.00	$ 78,936.00	$ 187.00	$ 34,408.00
402	Sanitary Sewer, PVC SDR 26, 10-inch, Tr Det B	1,755	FT	$ 357.70	$ 627,763.50	$ 430.00	$ 754,650.00	$ 303.00	$ 531,765.00
403	Sanitary Sewer, PVC SDR 26, 12-inch, Tr Det B	633	FT	$ 664.60	$ 420,691.80	$ 600.00	$ 379,800.00	$ 347.00	$ 219,651.00
404	Sanitary Sewer, PVC SDR 26, 15-inch, Tr Det B	16	FT	$ 464.30	$ 7,428.80	$ 650.00	$ 10,400.00	$ 663.00	$ 10,608.00
405	Sanitary Sewer, PVC PS115, 18-inch, Tr Det B	2,937	FT	$ 700.50	$ 2,057,368.50	$ 980.00	$ 2,878,260.00	$ 633.50	$ 1,860,589.50
407a	Sanitary Sewer, GRP SN72, 36-inch, Tr Det A, <15' Deep	1,815	FT	$ 657.30	$ 1,192,999.50	$ 920.00	$ 1,669,800.00	$ 698.50	$ 1,267,777.50
407b	Sanitary Sewer, GRP SN72, 36-inch, Tr Det A, 15' - 25' Deep	1,605	FT	$ 720.00	$ 1,155,600.00	$ 1,200.00	$ 1,926,000.00	$ 846.00	$ 1,357,830.00
407c	Sanitary Sewer, GRP SN72, 36-inch, Tr Det A, >25' Deep	2,587	FT	$ 808.20	$ 2,090,813.40	$ 1,300.00	$ 3,363,100.00	$ 1,937.50	$ 5,012,312.50
407d	Sanitary Sewer, GRP SN72, 36-inch, Tr Det B, 15'-25' Deep	5,257	FT	$ 923.10	$ 4,852,736.70	$ 1,400.00	$ 7,359,800.00	$ 1,257.00	$ 6,608,049.00
407e	Sanitary Sewer, GRP SN72, 36-inch, Tr B, >25' Deep	3,759	FT	$ 1,276.60	$ 4,798,739.40	$ 1,500.00	$ 5,638,500.00	$ 3,124.50	$ 11,744,995.50
408	Sanitary Sewer, GRP SN72, 36-inch, Placed in Casing	1,123	FT	$ 323.40	$ 363,178.20	$ 200.00	$ 224,600.00	$ 329.50	$ 370,028.50
409	Steel Casing Pipe, 48-inch, Jacked in Place	1,123	FT	$ 1,917.20	$ 2,153,015.60	$ 1,550.00	$ 1,740,650.00	$ 1,924.50	$ 2,161,213.50
410	Sanitary Sewer, Tap, 6-inch	16	EA	$ 620.90	$ 9,934.40	$ 8,000.00	$ 128,000.00	$ 7,888.50	$ 126,216.00
411	Adjust Structure	21	EA	$ 761.60	$ 15,993.60	$ 770.00	$ 16,170.00	$ 832.50	$ 17,482.50
413	Storm Manhole, 48-inch dia	2	EA	$ 5,216.00	$ 10,432.00	$ 5,500.00	$ 11,000.00	$ 3,818.50	$ 7,637.00
414	Sanitary Manhole, Conc, 48-inch dia	7	EA	$ 8,218.40	$ 57,528.80	$ 12,000.00	$ 84,000.00	$ 5,135.50	$ 35,948.50
415	Sanitary Manhole, Conc, 60-inch dia	1	EA	$ 9,084.70	$ 9,084.70	$ 15,000.00	$ 15,000.00	$ 5,994.50	$ 5,994.50
416	Sanitary Manhole, Conc, 84-inch dia	2	EA	$ 32,920.00	$ 65,840.00	$ 17,000.00	$ 34,000.00	$ 10,620.00	$ 21,240.00
417	Sanitary Manhole, GRP, 48-inch dia	39	EA	$ 44,400.00	$ 1,731,600.00	$ 28,000.00	$ 1,092,000.00	$ 17,080.50	$ 666,139.50
418	Sanitary Manhole, GRP, 60-inch dia	28	EA	$ 44,400.00	$ 1,243,200.00	$ 45,000.00	$ 1,260,000.00	$ 22,085.50	$ 618,394.00
419	Sanitary Manhole, GRP, 72-inch dia	3	EA	$ 44,400.00	$ 133,200.00	$ 55,000.00	$ 165,000.00	$ 27,707.50	$ 83,122.50
420	Sanitary Manhole Over Ex. Sewer, Conc, 48-inch dia	6	EA	$ 29,950.00	$ 179,700.00	$ 23,500.00	$ 141,000.00	$ 8,442.50	$ 50,655.00
421	Interior Drop Connection, 15-inch	3	EA	$ 6,406.80	$ 19,220.40	$ 2,500.00	$ 7,500.00	$ 9,394.50	$ 28,183.50
422	Interior Drop Connection, 24-inch	1	EA	$ 13,940.00	$ 13,940.00	$ 5,000.00	$ 5,000.00	$ 17,253.00	$ 17,253.00
423	Interior Drop Connection, 8-inch	7	EA	$ 2,816.40	$ 19,714.80	$ 1,500.00	$ 10,500.00	$ 6,007.50	$ 42,052.50
424	Connect to Existing Sanitary Sewer Manhole	2	EA	$ 2,136.80	$ 4,273.60	$ 22,350.00	$ 44,700.00	$ 7,046.00	$ 14,092.00
425	Connect to Existing Sanitary Sewer	8	EA	$ 9,664.40	$ 77,315.20	$ 8,700.00	$ 69,600.00	$ 7,046.00	$ 56,368.00
426	Sanitary Manhole, Conc, 96-inch dia	1	EA	$ 116,490.00	$ 116,490.00	$ 35,000.00	$ 35,000.00	$ 12,580.00	$ 12,580.00
428	Sanitary Sewer, RCP CL IV, 36-inch, Tr B	20	FT	$ 844.60	$ 16,892.00	$ 1,450.00	$ 29,000.00	$ 290.00	$ 5,800.00
432	Interior Drop Connection, 10-inch	4	EA	$ 3,689.90	$ 14,759.60	$ 2,000.00	$ 8,000.00	$ 6,134.50	$ 24,538.00
500	Fire Hydrant Assembly	7	EA	$ 8,290.50	$ 58,033.50	$ 9,600.00	$ 67,200.00	$ 9,590.50	$ 67,133.50
501	Fire Hydrant, Remove	7	EA	$ 252.20	$ 1,765.40	$ 500.00	$ 3,500.00	$ 1,230.00	$ 8,610.00
502	Water Main, Remove	215	FT	$ 18.50	$ 3,977.50	$ 35.00	$ 7,525.00	$ 13.00	$ 2,795.00
504	Water Main, DI CL 54, 8-inch	25	FT	$ 495.70	$ 12,392.50	$ 280.00	$ 7,000.00	$ 329.00	$ 8,225.00
505	Water Main, DI CL 54, 12-inch	190	FT	$ 324.20	$ 61,598.00	$ 350.00	$ 66,500.00	$ 205.00	$ 38,950.00
506	Gate Valve in Well, 12-inch	2	EA	$ 8,593.40	$ 17,186.80	$ 9,800.00	$ 19,600.00	$ 10,907.50	$ 21,815.00
600	Aggregate Base, 8-inch, 21AA	41,900	SYD	$ 14.70	$ 615,930.00	$ 18.00	$ 754,200.00	$ 13.50	$ 565,650.00
601	Aggregate Approach or Shoulder, Cl II, 6-inch	2,320	SYD	$ 16.70	$ 38,744.00	$ 16.00	$ 37,120.00	$ 22.00	$ 51,040.00
602	Aggregate Shoulder, Cl II, 5-inch	1,440	SYD	$ 16.70	$ 24,048.00	$ 15.00	$ 21,600.00	$ 28.50	$ 41,040.00
603	Hand Patching	60	TON	$ 328.40	$ 19,704.00	$ 170.00	$ 10,200.00	$ 311.00	$ 18,660.00
604	HMA, LVSP	1,170	TON	$ 136.10	$ 159,237.00	$ 70.00	$ 81,900.00	$ 158.50	$ 185,445.00
606	HMA Approach	320	TON	$ 280.70	$ 89,824.00	$ 120.00	$ 38,400.00	$ 334.00	$ 106,880.00
608	Curb and Gutter, Conc, Det D2	415	FT	$ 35.00	$ 14,525.00	$ 60.00	$ 24,900.00	$ 34.00	$ 14,110.00
609	Curb and Gutter, Conc, Det F2	915	FT	$ 29.20	$ 26,718.00	$ 60.00	$ 54,900.00	$ 28.50	$ 26,077.50
610	Detectable Warning Surface	70	FT	$ 46.70	$ 3,269.00	$ 90.00	$ 6,300.00	$ 45.50	$ 3,185.00
611	Curb Ramp Opening, Conc	70	FT	$ 35.00	$ 2,450.00	$ 60.00	$ 4,200.00	$ 34.00	$ 2,380.00

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No.	**Item**	**Qty.**	**Units**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
612	Sidewalk Ramp, Conc, 4-inch	585	SFT	$ 8.20	$ 4,797.00	$ 18.00	$ 10,530.00	$ 8.00	$ 4,680.00
613	Sidewalk, Conc, 4-inch	14,400	SFT	$ 5.30	$ 76,320.00	$ 6.00	$ 86,400.00	$ 5.00	$ 72,000.00
614	Sidewalk, Conc, 6-inch	100	SFT	$ 6.40	$ 640.00	$ 8.00	$ 800.00	$ 6.00	$ 600.00
615	Fence, Chain Link, 48-inch	360	FT	$ 49.20	$ 17,712.00	$ 25.00	$ 9,000.00	$ 39.50	$ 14,220.00
616	Post, Steel, 3 lb	810	FT	$ 10.80	$ 8,748.00	$ 22.00	$ 17,820.00	$ 11.50	$ 9,315.00
617	Sign, Type III, Rem	54	EA	$ 23.40	$ 1,263.60	$ 20.00	$ 1,080.00	$ 28.50	$ 1,539.00
618	Sign, Type IIIB	750	SFT	$ 20.60	$ 15,450.00	$ 17.65	$ 13,237.50	$ 28.50	$ 21,375.00
619	Pavt Mrkg, Ovly Cold Plastic, 12-inch, Crosswalk	48	FT	$ 7.00	$ 336.00	$ 6.00	$ 288.00	$ 6.50	$ 312.00
620	Pavt Mrkg, Ovly Cold Plastic, 24-inch, Stop Bar	12	FT	$ 15.10	$ 181.20	$ 13.00	$ 156.00	$ 14.50	$ 174.00
621	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	1	EA	$ 227.70	$ 227.70	$ 195.00	$ 195.00	$ 220.50	$ 220.50
622	Pavt Mrkg, Ovly Cold Plastic, Only	1	EA	$ 227.70	$ 227.70	$ 195.00	$ 195.00	$ 220.50	$ 220.50
626	Curb and Gutter, Conc, Det E2	50	FT	$ 52.50	$ 2,625.00	$ 60.00	$ 3,000.00	$ 51.00	$ 2,550.00
627	Aggregate Base, 6-inch, 21AA	410	SYD	$ 15.30	$ 6,273.00	$ 32.00	$ 13,120.00	$ 30.50	$ 12,505.00
650	Pedestal Fdn, Rem	2	EA	$ 817.20	$ 1,634.40	$ 700.00	$ 1,400.00	$ 792.00	$ 1,584.00
651	Pedestal, Aluminum, Salvage	2	EA	$ 712.20	$ 1,424.40	$ 610.00	$ 1,220.00	$ 690.50	$ 1,381.00
652	Pedestal Fdn	2	EA	$ 1,172.20	$ 2,344.40	$ 1,004.00	$ 2,008.00	$ 1,136.00	$ 2,272.00
653	Mast Arm Std Fdn, Cased, Rem	14	FT	$ 165.80	$ 2,321.20	$ 142.00	$ 1,988.00	$ 160.50	$ 2,247.00
654	Mast Arm Std Fdn, Cased	24	FT	$ 825.40	$ 19,809.60	$ 707.00	$ 16,968.00	$ 800.00	$ 19,200.00
655	Mast Arm Pole, Salvage	1	EA	$ 1,401.00	$ 1,401.00	$ 1,200.00	$ 1,200.00	$ 1,358.00	$ 1,358.00
656	Mast Arm 30-foot, Salvage	1	EA	$ 1,751.20	$ 1,751.20	$ 1,500.00	$ 1,500.00	$ 1,697.50	$ 1,697.50
657	Conduit, 1, 4-inch	40	FT	$ 30.40	$ 1,216.00	$ 26.00	$ 1,040.00	$ 29.50	$ 1,180.00
658	HMA, 5E3	550	TON	$ 150.50	$ 82,775.00	$ 97.00	$ 53,350.00	$ 130.00	$ 71,500.00
659	HMA, 4E3	690	TON	$ 138.50	$ 95,565.00	$ 97.00	$ 66,930.00	$ 128.00	$ 88,320.00
660	HMA, 3E3	1,040	TON	$ 129.00	$ 134,160.00	$ 97.00	$ 100,880.00	$ 113.00	$ 117,520.00
661	Pavt Mrkg, Waterborne, 6-inch, White	13,975	FT	$ 0.15	$ 2,096.25	$ 0.12	$ 1,677.00	$ 0.15	$ 2,096.25
662	Pavt Mrkg, Waterborne, 4-inch, Yellow	9,065	FT	$ 0.10	$ 906.50	$ 0.11	$ 997.15	$ 0.10	$ 906.50
663	Fence, Split Rail	160	FT	$ 51.70	$ 8,272.00	$ 25.00	$ 4,000.00	$ 27.00	$ 4,320.00
664	HMA, 5E1	1,680	TON	$ 144.50	$ 242,760.00	$ 125.00	$ 210,000.00	$ 136.00	$ 228,480.00
665	HMA, 4E1	2,750	TON	$ 127.80	$ 351,450.00	$ 97.00	$ 266,750.00	$ 115.50	$ 317,625.00
666	HMA, 3E1	5,130	TON	$ 119.40	$ 612,522.00	$ 97.00	$ 497,610.00	$ 113.00	$ 579,690.00
667	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn & Oper	40	EA	$ 169.30	$ 6,772.00	$ 145.00	$ 5,800.00	$ 198.00	$ 7,920.00
668	Lighted Arrow, Type C, Furn & Oper	4	EA	$ 642.10	$ 2,568.40	$ 2,500.00	$ 10,000.00	$ 1,980.50	$ 7,922.00
669	Pavt Mrkg, Wet Reflective, Type R, Tape, 4-inch, White, Temp	4,000	FT	$ 2.50	$ 10,000.00	$ 1.95	$ 7,800.00	$ 2.50	$ 10,000.00
670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4-inch, Yellow, Temp	10,000	FT	$ 2.50	$ 25,000.00	$ 1.95	$ 19,500.00	$ 2.50	$ 25,000.00
671	Plastic Drum, Fluorescent, Furn & Oper	60	EA	$ 65.40	$ 3,924.00	$ 90.00	$ 5,400.00	$ 56.50	$ 3,390.00
672	Sign Cover	20	EA	$ 58.40	$ 1,168.00	$ 50.00	$ 1,000.00	$ 56.50	$ 1,130.00
673	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn & Oper	5	EA	$ 7,296.80	$ 36,484.00	$ 6,250.00	$ 31,250.00	$ 10,184.50	$ 50,922.50
674	Sign, Type B, Temp, Prismatic, Furn & Oper	2,300	SFT	$ 8.50	$ 19,550.00	$ 7.25	$ 16,675.00	$ 13.50	$ 31,050.00
675	Sign, Type B, Temp, Prismatic, Spec, Furn & Oper	1,150	SFT	$ 11.40	$ 13,110.00	$ 9.75	$ 11,212.50	$ 13.50	$ 15,525.00
700	Topsoil, Seed, and Mulch, 3-inch	37,400	SYD	$ 7.10	$ 265,540.00	$ 15.00	$ 561,000.00	$ 14.50	$ 542,300.00
701	Riprap, Plain	400	SYD	$ 53.40	$ 21,360.00	$ 40.00	$ 16,000.00	$ 78.00	$ 31,200.00
702	Maintenance Gravel	150	TON	$ 41.80	$ 6,270.00	$ 49.00	$ 7,350.00	$ 45.00	$ 6,750.00

CONTRACTOR:				Dunigan Brothers, Inc. 911 E. South Street Jackson, MI 49203 (517) 787-4720		Pamar Enterprises, Inc. 31604 Pamar Court New Haven, MI 48048 (586) 749-8593		L. D'Agostini & Sons, Inc. 15801 23 Mile Road Macomb, MI 48042 (586) 781-5800	
No.	**Item**	**Qty.**	**Units**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
703	Hickory Woods Park Restoration	1	LSUM	$ 232,510.00	$ 232,510.00	$ 90,000.00	$ 90,000.00	$ 269,751.00	$ 269,751.00
704	Restoration	1	LSUM	$ 184,500.00	$ 184,500.00	$ 75,000.00	$ 75,000.00	$ 283,558.00	$ 283,558.00
800	Monument Preservation	6	EA	$ 590.00	$ 3,540.00	$ 1,000.00	$ 6,000.00	$ 102.50	$ 615.00
801	Monument Box	6	EA	$ 615.00	$ 3,690.00	$ 1,000.00	$ 6,000.00	$ 30.50	$ 183.00
TOTAL BASE BID PRICE (Item Nos. 1 through 801):					**$ 33,214,678.75**		**$ 37,814,382.15**		**$ 43,704,355.25**

Other Bidders

Zito Construction Company
8033 Fenton Road
Grand Blanc, MI 48439
(810) 695-9025
Total Base Bid Price (Item Nos. 1 thorugh 801): $48,246,367.50

Stante Excavating Company, Inc.
47955 Anna Court
Wixom, MI 48393
(248) 380-9922

Total Base Bid Price (Item Nos. 1 thorugh 801): $51,730,238.00

Stantec

3754 Ranchero Dr.
Ann Arbor, Michigan 48108-2771
734-761-1010

CONTRACT CHANGE ORDER

No: 1

To: Dunigan Brothers, Inc. **Date:** October 27, 2021 **Project No:** 2075139103

Contract: US-12 Wastewater Improvements
SRF Project No. 5713-01

Owner: Pittsfield Charter Township

Location: Ann Arbor, Michigan 48108

You are hereby requested to comply with the following changes from the contract plans & specifications:

Item No.	Description of Changes	Quantity Change	Unit	Unit Price	Decrease in Contract Price	Increase in Contract Price
	Removal of Platt Road and Michigan Avenue Sewer West of Station 46+26. Detailed Quantity Changes Below:					
1	Mobilization, Max 5%	-18%	LSUM	$ 1,644,080.00	$ (295,934.40)	
4	Soil Erosion Control	-20%	LSUM	$ 50,450.00	$ (10,090.00)	
6	MDOT Coordination	-20%	LSUM	$ 12,500.00	$ (2,500.00)	
9	Platt Road Pump Station Abandonment	-1	LSUM	$ 87,200.00	$ (87,200.00)	
101	Tree, Remove, 6-inch to 18-inch	-46	EA	$ 1,278.00	$ (58,788.00)	
102	Tree, Remove, 19-inch to 36-inch	-15	EA	$ 3,550.10	$ (53,251.50)	
104	Structure, Remove	-14	EA	$ 461.20	$ (6,456.80)	
105	Sewer, Remove, Less than 24-inch	-3390	FT	$ 24.30	$ (82,377.00)	
106	Sewer, Remove, 24-inch to 48-inch	-128	FT	$ 34.00	$ (4,352.00)	
107	Sewer, Abandon, 36-inch	-1620	FT	$ 63.90	$ (103,518.00)	
109	Curb and Gutter, Remove	-923	FT	$ 5.50	$ (5,076.50)	
110	Fence, Remove	-360	FT	$ 12.50	$ (4,500.00)	
111	Pavement, Remove	-2175	SYD	$ 4.90	$ (10,657.50)	
112	Sidewalk, Remove	-1585	SYD	$ 5.50	$ (8,717.50)	
121	Sewer, Abandon, 6-inch to 10-inch	-455	FT	$ 33.40	$ (15,197.00)	
122	Structure, Abandon	-1	EA	$ 738.00	$ (738.00)	
202	Erosion Control, Silt Fence	-2337	FT	$ 2.60	$ (6,076.20)	
203	Erosion Control, Inlet Filter	-17	EA	$ 109.20	$ (1,856.40)	
206	Tree Protection Fence	-345	FT	$ 4.90	$ (1,690.50)	
300	Culvert with End Sections, CMP, 12-inch	-95	FT	$ 80.70	$ (7,666.50)	
301	Storm Sewer, RCP CL IV, 12-inch, Tr Det B	-198	FT	$ 146.30	$ (28,967.40)	
303	Storm Sewer, RCP CL IV, 18-inch, Tr Det B	-15	FT	$ 157.40	$ (2,361.00)	
304	Storm Sewer, RCP CL IV, 24-inch, Tr Det B	-10	FT	$ 185.00	$ (1,850.00)	
402	Sanitary Sewer, PVC SDR 26, 10-inch, Tr Det B	-38	FT	$ 357.70	$ (13,592.60)	
403	Sanitary Sewer, PVC SDR 26, 12-inch, Tr Det B	-36	FT	$ 664.60	$ (23,925.60)	
405	Sanitary Sewer, PVC PS115, 18-inch, Tr Det B	-2937	FT	$ 700.50	$ (2,057,368.50)	
407b	Sanitary Sewer, GRP SN72, 36-inch, Tr Det A, 15' - 25' Deep	-315	FT	$ 720.00	$ (226,800.00)	
407c	Sanitary Sewer, GRP SN72, 36-inch, Tr Det A, >25' Deep	-945	FT	$ 808.20	$ (763,749.00)	
407e	Sanitary Sewer, GRP SN72, 36-inch, Tr B, >25' Deep	-14	FT	$ 1,276.60	$ (17,872.40)	
408	Sanitary Sewer, GRP SN72, 36-inch, Placed in Casing	-409	FT	$ 323.40	$ (132,270.60)	
409	Steel Casing Pipe, 48-inch, Jacked in Place	-409	FT	$ 1,917.20	$ (784,134.80)	
411	Adjust Structure	-12	EA	$ 761.60	$ (9,139.20)	
413	Storm Manhole, 48-inch dia	-1	EA	$ 5,216.00	$ (5,216.00)	
416	Sanitary Manhole, Conc, 84-inch dia	2	EA	$ 32,920.00		$ 65,840.00

417	Sanitary Manhole, GRP, 48-inch dia	-12	EA	$ 44,400.00	$ (532,800.00)	
418	Sanitary Manhole, GRP, 60-inch dia	-4	EA	$ 44,400.00	$ (177,600.00)	
419	Sanitary Manhole, GRP, 72-inch dia	-2	EA	$ 44,400.00	$ (88,800.00)	
420	Sanitary Manhole Over Ex. Sewer, Conc, 48-inch dia	-2	EA	$ 29,950.00	$ (59,900.00)	
421	Interior Drop Connection, 15-inch	-2	EA	$ 6,406.80	$ (12,813.60)	
423	Interior Drop Connection, 8-inch	-1	EA	$ 2,816.40	$ (2,816.40)	
424	Connect to Existing Sanitary Sewer Manhole	-2	EA	$ 2,136.80	$ (4,273.60)	
425	Connect to Existing Sanitary Sewer	-5	EA	$ 9,664.40	$ (48,322.00)	
432	Interior Drop Connection, 10-inch	-4	EA	$ 3,689.90	$ (14,759.60)	
500	Fire Hydrant Assembly	-7	EA	$ 8,290.50	$ (58,033.50)	
501	Fire Hydrant, Remove	-7	EA	$ 252.20	$ (1,765.40)	
502	Water Main, Remove	-215	FT	$ 18.50	$ (3,977.50)	
504	Water Main, DI CL 54, 8-inch	-25	FT	$ 495.70	$ (12,392.50)	
505	Water Main, DI CL 54, 12-inch	-190	FT	$ 324.20	$ (61,598.00)	
506	Gate Valve in Well, 12-inch	-2	EA	$ 8,593.40	$ (17,186.80)	
600	Aggregate Base, 8-inch, 21AA	-1702	SYD	$ 14.70	$ (25,019.40)	
601	Aggregate Approach or Shoulder, Cl II, 6-inch	-187	SYD	$ 16.70	$ (3,122.90)	
602	Aggregate Shoulder, Cl II, 5-inch	-309	SYD	$ 16.70	$ (5,160.30)	
604	HMA, LVSP	-620	TON	$ 136.10	$ (84,382.00)	
609	Curb and Gutter, Conc, Det F2	-744	FT	$ 29.20	$ (21,724.80)	
610	Detectable Warning Surface	-40	FT	$ 46.70	$ (1,868.00)	
611	Curb Ramp Opening, Conc	-40	FT	$ 35.00	$ (1,400.00)	
612	Sidewalk Ramp, Conc, 4-inch	-200	SFT	$ 8.20	$ (1,640.00)	
613	Sidewalk, Conc, 4-inch	-14000	SFT	$ 5.30	$ (74,200.00)	
615	Fence, Chain Link, 48-inch	-360	FT	$ 49.20	$ (17,712.00)	
616	Post, Steel, 3 lb	-270	FT	$ 10.80	$ (2,916.00)	
617	Sign, Type III, Rem	-11	EA	$ 23.40	$ (257.40)	
618	Sign, Type IIIB	-170	SFT	$ 20.60	$ (3,502.00)	
619	Pavt Mrkg, Ovly Cold Plastic, 12-inch, Crosswalk	-10	FT	$ 7.00	$ (70.00)	
704	Restoration	-20%	LSUM	$ 184,500.00	$ (36,900.00)	

*Contract schedule as identified in Specification Section 01 11 00 shall still apply to all remaining work.

**Owner may add the removed work back into the Contract, without additional cost or penalty, for a period of up to 30 days following award of the Contract. Work added back in the Contract after that date may be subject to documented material cost escalation and will be adjusted accordingly.

	Change in Contract Price Due to this Change Order:		
	Total Decrease	$ (6,210,804.60)	
	Total Increase		$ 65,840.00
	Net Decrease in Contract Price	$ (6,144,964.60)	

Original Contract Price	$ 33,214,678.75
Total Net Change by Previous Change Orders	$ -
Total Amount of Contract Prior to this Change Order	$ 33,214,678.75
Net Addition or Deduction this Change Order No. 1	$ (6,144,964.60)
Net Amount of Contract to Date	$ 27,069,714.15

This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

Recommended by: _____
Mark Pascoe, PE
Project Manager

Approved By: _____
Owner

Accepted By: _____
Contractor

C.O. No. 1