

June 20, 2018

City of West Fargo
800 4th Avenue East
West Fargo, ND 58078

RE: Storm Sewer Improvement District No. 4064 & Sanitary Sewer, Water and Storm Sewer Improvement District No. 1318
Halverson Pond & Halverson's Industrial Park 2nd Addition
West Fargo, ND

WHEREAS, bids have been opened for Storm Sewer Improvement District No. 4064 & Sanitary Sewer, Water and Storm Sewer Improvement District No. 1318 of the City of West Fargo, North Dakota and;

WHEREAS, an estimate of the cost of work is required by the Engineer for the City of West Fargo, North Dakota;

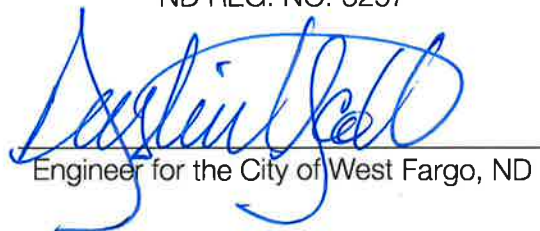
NOW, THEREFORE, I, Dustin Scott, do hereby certify as follows:

That I am the City Engineer for the City of West Fargo, North Dakota;

That the following is a careful and detailed statement of the estimated cost of the work in said Storm Sewer Improvement District No. 4064 & Sanitary Sewer, Water and Storm Sewer Improvement District No. 1318 of the City of West Fargo, North Dakota.

IN WITNESS WHEREOF, I have set my hand and seal this 18th day of June, 2018.

DUSTIN SCOTT
ND REG. NO. 6257



Engineer for the City of West Fargo, ND

**Storm Sewer Improvement District No. 4064 & Sanitary Sewer, Water and Storm Sewer Improvement District No. 1318
Halverson Pond & Halverson's Industrial Park 2nd Addition
West Fargo ND
Project No. 19296**

ENGINEER'S STATEMENT OF ESTIMATED COST

BID ITEM NO. & DESCRIPTION	UNIT	ESTIMATED QUANTITY	BID UNIT PRICE	BID PRICE
<u>District 1318 Items</u>				
1. 714.0205 Pipe Conc Reinf 15In Cl III	LF	77	\$46.00	\$3,542.00
2. 714.0310 Pipe Conc Reinf 18In Cl III	LF	65	\$50.00	\$3,250.00
3. 714.9680 Plug Pipe-All Types & Sizes	EA	9	\$100.00	\$900.00
4. 24200 Removal of Gate Valve	EA	2	\$500.00	\$1,000.00
5. 24200 Removal of Hydrant	EA	1	\$1,000.00	\$1,000.00
6. 24200 Removal of Sanitary Sewer Manhole	EA	2	\$1,500.00	\$3,000.00
7. 28213.33 Removal of Asbestos Concrete Pipe	LF	100	\$25.00	\$2,500.00
8. 330130.11 Televis - Mainline	LF	353	\$3.00	\$1,059.00
9. 330130.11 Televis - Service	EA	3	\$100.00	\$300.00
10. 330561 Sanitary Sewer Manhole	EA	2	\$5,060.00	\$10,120.00
11. 331413 Fittings	LBS	752	\$4.00	\$3,008.00
12. 331413 Hydrant Lead - 6"	LF	6	\$37.00	\$222.00
13. 331413 Water Main - 4"	LF	50	\$37.00	\$1,850.00
14. 331413 Water Main - 8"	LF	290	\$41.00	\$11,890.00
15. 331419 Gate Valve & Box - 4"	EA	1	\$1,200.00	\$1,200.00
16. 331419 Gate Valve & Box - 6"	EA	1	\$1,300.00	\$1,300.00
17. 331419 Gate Valve & Box - 8"	EA	1	\$1,650.00	\$1,650.00
18. 331419 Hydrant - 6"	EA	1	\$4,700.00	\$4,700.00
19. 333111 Sanitary Sewer - 8"	LF	353	\$38.00	\$13,414.00
20. 333111 Sanitary Sewer Service - 6"	LF	58	\$36.00	\$2,088.00
21. 333111 Sanitary Sewer Service Connection	EA	3	\$350.00	\$1,050.00
22. 333111 Sanitary Sewer Televising Riser	EA	4	\$330.00	\$1,320.00
<u>District 4064 Items</u>				
1. 202.0114 Removal Of Concrete Pavement	SY	100	\$20.00	\$2,000.00
2. 202.0130 Removal Of Curb & Gutter	LF	50	\$15.00	\$750.00
3. 202.0171 Removal Of Rcp-All Types & Sizes	LF	73	\$30.00	\$2,190.00
4. 202.0210 Removal Of Manholes	EA	1	\$1,000.00	\$1,000.00
5. 202.0230 Removal Of Catch Basin	EA	2	\$500.00	\$1,000.00
6. 203.00 Common Excavation	CY	70,793	\$2.80	\$198,220.40
7. 230.00001 Subgrade Preparation-Type A-12In	SY	120	\$5.00	\$600.00
8. 251.0300 Seeding Class III	ACRE	15	\$840.00	\$12,180.00
9. 253.0101 Straw Mulch	ACRE	5	\$420.00	\$2,205.00
10. 253.0201 Hydraulic Mulch	ACRE	0	\$2,625.00	\$656.25
11. 255.0101 Ecb Type 1	SY	45,262	\$0.89	\$40,283.18
12. 256.0500 Riprap-Special	CY	15	\$100.00	\$1,500.00
13. 260.0100 Silt Fence Unsupported	LF	2,797	\$2.10	\$5,873.70
14. 265.0100 Stabilized Construction Access	EA	1	\$1,000.00	\$1,000.00
15. 302.0121 Aggregate Base Course Cl 5	CY	30	\$45.00	\$1,350.00
16. 550.0112 8In Non-Reinf Concrete Pavement Cl Ae	SY	100	\$95.00	\$9,500.00
17. 606.00001 4Ft X 2Ft Precast RCB Culvert	LF	20	\$295.00	\$5,900.00
18. 606.00002 4Ft X 2Ft Precast RCB End Section	EA	1	\$2,000.00	\$2,000.00
19. 704.1100 Traffic Control	LSUM	1	\$1,000.00	\$1,000.00
20. 708.1540 Inlet Protection-Special	EA	12	\$100.00	\$1,200.00
21. 709.0401 Geotextile Fabric-Type S1	SY	120	\$4.00	\$480.00

BID ITEM NO. & DESCRIPTION	UNIT	ESTIMATED QUANTITY	BID UNIT PRICE	BID PRICE
22. 714.00002 Storm Sewer - Connect to Existing	EA	2	\$1,000.00	\$2,000.00
23. 714.0205 Pipe Conc Reinf 15In Cl III	LF	41	\$46.00	\$1,886.00
24. 714.0310 Pipe Conc Reinf 18In Cl III	LF	1,113	\$49.00	\$54,537.00
25. 714.0615 Pipe Conc Reinf 24In Cl III	LF	10	\$65.00	\$650.00
26. 714.1105 Pipe Conc Reinf 48In Cl III	LF	422	\$180.00	\$75,960.00
27. 714.1310 Pipe Conc Reinf 60In Cl III	LF	528	\$252.00	\$133,056.00
28. 714.3045 End Sect-Conc Reinf 48In	EA	1	\$2,300.00	\$2,300.00
29. 714.9720 Underdrain Pipe Pvc Perforated 4In	LF	50	\$10.00	\$500.00
30. 722.0100 Manhole 48In	EA	3	\$3,250.00	\$9,750.00
31. 722.0130 Manhole 84In	EA	1	\$8,700.00	\$8,700.00
32. 722.0140 Manhole 96In	EA	3	\$10,800.00	\$32,400.00
33. 722.0200 Manhole 108In	EA	1	\$20,000.00	\$20,000.00
34. 722.3297 Abandon Storm Sewer	LF	75	\$0.01	\$0.75
35. 722.3510 Inlet-Type 2	EA	2	\$2,600.00	\$5,200.00
36. 748.0100 Curb & Gutter	LF	50	\$32.00	\$1,600.00
37. 770.4540 Relocate Light Standard	EA	1	\$2,750.00	\$2,750.00
38. 015000 Temporary Pumping	LSUM	1	\$2,500.00	\$2,500.00
39. 015000 Storm Water Management	LSUM	1	\$4,500.00	\$4,500.00
			Construction Subtotal	\$719,541.28
			Contingencies	\$71,954.72
			Total Construction	\$791,496.00
			Engineering	\$87,064.56
			Legal & Administration	\$79,149.60
			Land Acquisition	\$340,000.00
			Bond Discount	\$30,000.00
			TOTAL COST	\$1,327,711.00