

April 23, 2018

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

RE: Sewer, Water, Storm & Street Improvement District No. 1315
Westview 3rd Addition
West Fargo, ND

WHEREAS, bids have been opened for Sewer, Water, Storm & Street Improvement District No. 1315 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;

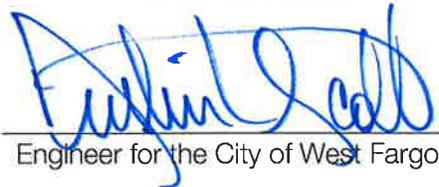
NOW, THEREFORE, I, Dustin Scott, do hereby certify as follows:

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 Sewer, Water, Storm & Street Improvement District No. 1315 of the City of West Fargo, North Dakota.

IN WITNESS WHEREOF, I have set my hand and seal this 19th day of May, 2018.

DUSTIN SCOTT
ND REG. NO. 6257



Engineer for the City of West Fargo, ND

**Sewer, Water, Storm and Street Improvement District No. 1315
Westview 3rd Addition
West Fargo ND**

ENGINEER'S STATEMENT OF ESTIMATED COST

<i>BID ITEM NO. & DESCRIPTION</i>	<i>UNIT</i>	<i>ESTIMATED QUANTITY</i>	<i>BID UNIT PRICE</i>	<i>BID PRICE</i>
<u>Sanitary Sewer Items</u>				
1. Sanitary Sewer - Connect To Existing	Each	2	\$500.00	\$1,000.00
2. Sanitary Sewer - 8" PVC SDR 35	LF	478	\$21.00	\$10,038.00
3. Sanitary Sewer Manhole - 48"	Each	4	\$3,900.00	\$15,600.00
4. External Manhole Chimney Seal	Each	4	\$260.00	\$1,040.00
5. Sanitary Sewer Service Connection - 6" PVC SDR 2	Each	18	\$350.00	\$6,300.00
6. Sanitary Sewer Service - 6" PVC SDR 26	LF	1,098	\$19.00	\$20,862.00
7. Televising - Sanitary Sewer Main	LF	478	\$1.50	\$717.00
8. Televising - Sanitary Sewer Service	Each	18	\$100.00	\$1,800.00
9. Rock Bedding - 1.25"	LF	340	\$10.00	\$3,400.00
10. Boring - 6"	LF	126	\$26.00	\$3,276.00
<u>Water Main Items</u>				
1. Water Main - Connect To Existing	Each	2	\$500.00	\$1,000.00
2. Water Main - 8" PVC C900	LF	499	\$20.00	\$9,980.00
3. Specials	Lbs	224	\$3.00	\$672.00
4. Gate Valve & Box - 6"	Each	1	\$1,200.00	\$1,200.00
5. Gate Valve & Box - 8"	Each	3	\$1,600.00	\$4,800.00
6. Hydrant - 10'	Each	1	\$3,900.00	\$3,900.00
7. Hydrant Lead - 6" PVC C900	LF	5	\$25.00	\$125.00
8. Corporation - 1"	Each	18	\$220.00	\$3,960.00
9. Curb Stop & Box - 1"	Each	18	\$500.00	\$9,000.00
10. Water Service Line - 1"	LF	834	\$12.00	\$10,008.00
11. Boring - 1"	LF	126	\$15.00	\$1,890.00
<u>Storm Sewer Items</u>				
1. Storm Sewer - 4" Perforated PVC - Connect To Existing	Each	4	\$40.00	\$160.00
2. Storm Sewer - 4" Perforated PVC	LF	1,068	\$9.00	\$9,612.00
3. Storm Sewer - 12" PP	LF	135	\$21.00	\$2,835.00
4. Storm Sewer - 12" RCP	LF	39	\$27.00	\$1,053.00
5. Storm Sewer - 15" PP	LF	157	\$24.00	\$3,768.00
6. Storm Sewer - 15" RCP	LF	49	\$32.00	\$1,568.00
7. Storm Sewer Manhole - Connect To Existing	Each	2	\$500.00	\$1,000.00
8. Storm Sewer Manhole - 48"	Each	1	\$2,000.00	\$2,000.00
9. Storm Sewer Manhole - 72"	Each	1	\$4,375.00	\$4,375.00
10. Storm Sewer Manhole - Adjust Existing	Each	2	\$200.00	\$400.00
11. Storm Sewer Catch Basin - 2' x 3'	Each	1	\$1,650.00	\$1,650.00
12. Storm Sewer Catch Basin - 30"	Each	2	\$1,300.00	\$2,600.00
13. External Manhole Chimney Seal	Each	5	\$260.00	\$1,300.00
<u>Roadway Items</u>				
1. Excavation - Unclassified	CY	1,308	\$3.00	\$3,924.00
2. Embankment	CY	364	\$4.00	\$1,456.00
3. Subgrade Preparation	SY	1,840	\$1.20	\$2,208.00
4. Reinforcement Fabric	SY	1,840	\$1.30	\$2,392.00
5. Gravel - 9" NDDOT Class 5	CY	460	\$29.00	\$13,340.00
6. Curb & Gutter - Saw Full Depth	LF	10	\$10.00	\$100.00
7. Curb & Gutter - Connect To Existing	Each	4	\$60.00	\$240.00

<i>BID ITEM NO. & DESCRIPTION</i>	<i>UNIT</i>	<i>ESTIMATED QUANTITY</i>	<i>BID UNIT PRICE</i>	<i>BID PRICE</i>
8. Curb & Gutter - Mountable Inflow	LF	1,068	\$16.50	\$17,622.00
9. Asphalt Pavement - Saw Full Depth	LF	24	\$10.00	\$240.00
10. Asphalt Base Course - 3.5"	SY	1,424	\$12.95	\$18,440.80
11. Tack Coat	Gal	71	\$2.00	\$142.00
12. Asphalt Wear Course - 2"	SY	1,424	\$7.95	\$11,320.80
13. Concrete Pavement - Saw Full Depth	LF	24	\$10.00	\$240.00
14. Sign & Sign Post - Remove	Each	4	\$15.00	\$60.00
15. Sign Anchor - In Ground	Each	1	\$65.00	\$65.00
16. Sign Anchor - Band	Each	1	\$65.00	\$65.00
17. Sign Post	LF	10	\$5.00	\$50.00
18. Signing - Standard	SF	8	\$20.00	\$160.00
19. Striping - 24" White Grooved Plastic	LF	60	\$50.00	\$3,000.00
20. Cluster Box Unit - 8 Unit	Each	2	\$1,600.00	\$3,200.00
General Items				
1. Cleaning	LSum	1	\$500.00	\$500.00
2. Storm Water Management	LSum	1	\$1,500.00	\$1,500.00
3. Traffic Control	LSum	1	\$580.00	\$580.00
4. Mowing	Acre	1	\$75.00	\$52.50
5. Watering	Each	6	\$95.00	\$570.00
6. Excavation - 6" Topsoil Stripping	CY	2,981	\$2.50	\$7,452.50
7. Topsoil Replacement - 4"	CY	169	\$4.00	\$676.00
8. Rear Yard Grading	SY	1,209	\$3.00	\$3,627.00
9. Inlet Protection Device	Each	14	\$95.00	\$1,330.00
10. Sedimentation Control Fence	LF	100	\$2.95	\$295.00
11. Stabilized Construction Entrance	Each	1	\$500.00	\$500.00
12. Seeding - Type II	Acre	1	\$1,500.00	\$1,050.00
13. Mulch - Type B - Hydromulch	Acre	0	\$2,250.00	\$225.00
14. Mulch - Type A - Permanent Straw	Acre	0	\$1,000.00	\$100.00
15. Mulch - Type A - Temporary Straw	Acre	4	\$295.00	\$1,298.00
Electrical Items				
1. Conductor - #6 USE/Cu.	LF	1,620	\$1.48	\$2,397.60
2. Tracer Wire - #12	LF	540	\$0.36	\$194.40
3. Innerduct - 1.5" PVC	LF	540	\$3.85	\$2,079.00
4. Concrete Base - 5'	Each	3	\$380.00	\$1,140.00
5. Light Standard - Single LED and 14' Post	Each	3	\$2,176.00	\$6,528.00
6. Spare Light Standard - Single LED and 14' Post	Each	1	\$1,896.00	\$1,896.00

Construction Subtotal	\$255,145.60
Contingencies	\$25,515.40
Total Construction	\$280,661.00
Engineering	\$30,872.71
Legal & Administration	\$28,066.10
Bond Discount	\$10,000.00
TOTAL COST	\$349,600.00