

April 23, 2018

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

RE: Street Improvement District No. 2244
Sheyenne Street - 13th Ave to Beaton Dr (Segment 1)
West Fargo, ND

WHEREAS, bids have been opened for Street Improvement District No. 2244 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;

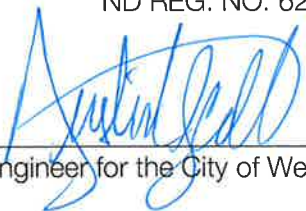
NOW, THEREFORE, I, Dustin Scott, do hereby certify as follows:

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 Street Improvement District No. 2244 of the City of West Fargo, North Dakota.

IN WITNESS WHEREOF, I have set my hand and seal this 16th day of April, 2018.

DUSTIN SCOTT
ND REG. NO. 6257



Engineer for the City of West Fargo, ND

**Street Improvement District No. 2244
Sheyenne Street - 13th Ave to Beaton Dr (Segment 1)
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>	
1.	15000. -	STORM WATER MANAGEMENT	L SUM	1	\$2,975.00	\$2,975.00
2.	201. 330.	CLEARING & GRUBBING	L SUM	1	\$1,000.00	\$1,000.00
3.	201. 370.	REMOVAL OF TREES 10IN	EA	117	\$120.00	\$14,040.00
4.	202. 114.	REMOVAL OF CONCRETE PAVEMENT	SY	7,585	\$3.60	\$27,306.00
5.	202. 130.	REMOVAL OF CURB & GUTTER	LF	7,916	\$2.25	\$17,811.00
6.	202. 169.	REMOVAL OF END SECTION-ALL TYPES & SIZES	EA	2	\$410.00	\$820.00
7.	202. 174.	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	4,414	\$22.50	\$99,315.00
8.	202. 210.	REMOVAL OF MANHOLES	EA	21	\$560.00	\$11,760.00
9.	202. 235.	REMOVAL OF CATCH BASIN	EA	26	\$560.00	\$14,560.00
10.	202. 312.	REMOVE EXISTING FENCE	LF	194	\$11.20	\$2,172.80
11.	202. 395.	STUMP REMOVAL	EA	2	\$50.00	\$100.00
12.	202. 9998.	REMOVAL OF LANDSCAPING	L SUM	1	\$2,275.00	\$2,275.00
13.	203. 101.	COMMON EXCAVATION-TYPE A	CY	13,318	\$6.40	\$85,235.20
14.	203. 109.	TOPSOIL	CY	4,591	\$11.65	\$53,485.15
15.	203. 119.	TOPSOIL-IMPORTED	CY	1,000	\$10.00	\$10,000.00
16.	216. 100.	WATER	M GAL	746	\$16.00	\$11,936.00
17.	230. 9999.	SUBGRADE PREPARATION-TYPE A	SY	30,101	\$1.10	\$33,111.10
18.	251. 300.	SEEDING CLASS III	ACRE	4	\$1,225.00	\$4,397.75
19.	251. 9999.	MOWING	ACRE	36	\$76.50	\$2,746.35
20.	253. 201.	HYDRAULIC MULCH	ACRE	10	\$1,325.00	\$13,435.50
21.	253. 300.	BONDED FIBER MATRIX	SY	1,934	\$1.05	\$2,030.70
22.	256. 500.	RIPRAP-SPECIAL	CY	62	\$84.00	\$5,208.00
23.	260. 200.	SILT FENCE SUPPORTED	LF	740	\$2.05	\$1,517.00
24.	260. 201.	REMOVE SILT FENCE SUPPORTED	LF	740	\$0.35	\$259.00
25.	261. 112.	FIBER ROLLS 12IN	LF	2,000	\$2.30	\$4,600.00
26.	261. 113.	REMOVE FIBER ROLLS 12IN	LF	2,000	\$0.40	\$800.00
27.	262. 100.	FLOTATION SILT CURTAIN	LF	65	\$12.25	\$796.25
28.	262. 101.	REMOVE FLOTATION SILT CURTAIN	LF	65	\$3.05	\$198.25
29.	302. 121.	AGGREGATE BASE COURSE CL 5	CY	8,472	\$29.50	\$249,924.00
30.	302. 314.	TEMPORARY TRAFFIC SURFACE AGGREGATE	TON	4,115	\$14.10	\$58,021.50
31.	302. 321.	AGGREGATE SURFACE COURSE CL 5	CY	96	\$31.50	\$3,024.00
32.	306. 510.	FULL DEPTH RECLAMATION	SY	17,254	\$3.30	\$56,938.20
33.	430. 43.	SUPERPAVE FAA 43	TON	1,094	\$85.00	\$92,990.00
34.	550. 118.	10IN NON-REINF CONCRETE PAVEMENT CL AE	SY	25,611	\$52.00	\$1,331,772.00
35.	702. 100.	MOBILIZATION	L SUM	1	\$175,000.00	\$175,000.00
36.	704. 100.	FLAGGING	MHR	1,600	\$31.25	\$50,000.00
37.	704. 1000.	TRAFFIC CONTROL SIGNS	UNIT	3,843	\$2.05	\$7,878.15
38.	704. 1052.	TYPE III BARRICADE	EA	15	\$155.00	\$2,325.00
39.	704. 1055.	PEDESTRIAN LONGITUDINAL BARRICADE	LF	54	\$15.30	\$826.20
40.	704. 1060.	DELINEATOR DRUMS	EA	453	\$20.40	\$9,241.20
41.	704. 1067.	TUBULAR MARKERS	EA	1,035	\$5.10	\$5,278.50
42.	704. 1500.	OBLITERATION OF PAVEMENT MARKING	SF	8,003	\$1.15	\$9,203.45
43.	704. 3501.	PORTABLE PRECAST CONCRETE MED BARRIER	LF	60	\$25.00	\$1,500.00
44.	708. 1540.	INLET PROTECTION-SPECIAL	EA	59	\$76.50	\$4,513.50
45.	708. 1541.	REMOVE INLET PROTECTION-SPECIAL	EA	59	\$25.50	\$1,504.50
46.	709. 151.	GEOSYNTHETIC MATERIAL TYPE R1	SY	34,887	\$1.40	\$48,841.80
47.	709. 155.	GEOSYNTHETIC MATERIAL TYPE RR	SY	92	\$2.50	\$230.00
48.	714. 210.	PIPE CONC REINF 15IN CL III-STORM DRAIN	LF	806	\$42.85	\$34,537.10
49.	714. 315.	PIPE CONC REINF 18IN CL III-STORM DRAIN	LF	157	\$44.85	\$7,041.45

<i>BID ITEM NO. & DESCRIPTION</i>				<i>UNIT</i>	<i>ESTIMATED QUANTITY</i>	<i>BID UNIT PRICE</i>	<i>BID PRICE</i>
50.	714.	405.	PIPE CONC REINF 21IN CL III-STORM DRAIN	LF	243	\$47.00	\$11,421.00
51.	714.	620.	PIPE CONC REINF 24IN CL III-STORM DRAIN	LF	1,235	\$51.00	\$62,985.00
52.	714.	825.	PIPE CONC REINF 30IN CL III-STORM DRAIN	LF	365	\$59.00	\$21,535.00
53.	714.	910.	PIPE CONC REINF 36IN CL III-STORM DRAIN	LF	578	\$82.00	\$47,396.00
54.	714.	1010.	PIPE CONC REINF 42IN CL III-STORM DRAIN	LF	1,046	\$110.00	\$115,060.00
55.	714.	1110.	PIPE CONC REINF 48IN CL III-STORM DRAIN	LF	12	\$140.00	\$1,680.00
56.	714.	3020.	END SECT-CONC REINF 24IN	EA	1	\$2,250.00	\$2,250.00
57.	714.	3045.	END SECT-CONC REINF 48IN	EA	1	\$4,100.00	\$4,100.00
58.	714.	7036.	PIPE PVC 18IN	LF	5	\$105.00	\$525.00
59.	714.	9720.	UNDERDRAIN PIPE PVC PERFORATED 4IN	LF	7,398	\$4.35	\$32,181.30
60.	714.	9770.	UNDERDRAIN PIPE PVC NON-PERFORATED 4IN	LF	500	\$3.00	\$1,500.00
61.	714.	9912.	FLAP GATE 24IN	EA	1	\$11,220.00	\$11,220.00
62.	714.	9917.	FLAP GATE 42IN	EA	1	\$23,460.00	\$23,460.00
63.	722.	100.	MANHOLE 48IN	EA	8	\$2,960.00	\$23,680.00
64.	722.	110.	MANHOLE 60IN	EA	7	\$4,180.00	\$29,260.00
65.	722.	120.	MANHOLE 72IN	EA	4	\$5,600.00	\$22,400.00
66.	722.	130.	MANHOLE 84IN	EA	1	\$7,650.00	\$7,650.00
67.	722.	3291.	ABANDON SANITARY SEWER MANHOLE	EA	7	\$460.00	\$3,220.00
68.	722.	3297.	ABANDON STORM SEWER	LF	235	\$20.50	\$4,817.50
69.	330561.	-	SANITARY SEWER MANHOLE	EA	11	\$4,700.00	\$51,700.00
70.	722.	3499.	INLET	EA	2	\$2,250.00	\$4,500.00
71.	722.	3510.	INLET-TYPE 2	EA	17	\$2,500.00	\$42,500.00
72.	722.	3520.	INLET-TYPE 2 DOUBLE	EA	4	\$3,570.00	\$14,280.00
73.	722.	6140.	ADJUST GATE VALVE BOX	EA	4	\$305.00	\$1,220.00
74.	722.	9997.	12FT X 11FT RCB CULVERT MANHOLE	EA	1	\$53,000.00	\$53,000.00
75.	722.	9998.	10FT X 8FT RCB CULVERT MANHOLE	EA	1	\$36,725.00	\$36,725.00
76.	722.	9999.	ABANDON SANITARY SEWER	LF	1,973	\$5.10	\$10,062.30
77.	724.	270.	REMOVE GATE VALVE & BOX	EA	6	\$305.00	\$1,830.00
78.	331413.	-	FITTINGS	LBS	96	\$22.50	\$2,160.00
79.	331419.	-	GATE VALVE & BOX - 6"	EA	8	\$1,325.00	\$10,600.00
80.	724.	430.	REMOVE HYDRANT	EA	6	\$765.00	\$4,590.00
81.	331419.	-	HYDRANT - 6"	EA	7	\$5,600.00	\$39,200.00
82.	331413.	-	HYDRANT LEAD - 6"	LF	59	\$41.00	\$2,419.00
83.	331413.	-	RELOCATE WATERMAIN	EA	9	\$7,650.00	\$68,850.00
84.	331413.	-	RELOCATE WATERMAIN-16IN	EA	1	\$11,730.00	\$11,730.00
85.	333111.	-	SANITARY SEWER - 8"	LF	2,651	\$33.00	\$87,483.00
86.	724.	9999.	SPRINKLER REPAIR	EA	5	\$510.00	\$2,550.00
87.	333111.	-	SANITARY SEWER SERVICE - 6"	LF	872	\$71.50	\$62,348.00
88.	333111.	-	SANITARY SEWER CLEANOUT	EA	1	\$815.00	\$815.00
89.	744.	50.	INSULATION BOARD	CF	560	\$17.35	\$9,716.00
90.	748.	141.	CURB & GUTTER-TYPE 1 SPECIAL	LF	119	\$25.50	\$3,034.50
91.	748.	190.	CURB & GUTTER-TYPE I 30IN	LF	7,485	\$16.00	\$119,760.00
92.	750.	30.	PIGMENTED IMPRINTED CONCRETE	SY	298	\$70.00	\$20,860.00
93.	750.	101.	SIDEWALK CONCRETE REINF	SY	2,125	\$42.00	\$89,250.00
94.	750.	107.	SIDEWALK - DECORATIVE	SY	15	\$76.50	\$1,147.50
95.	750.	120.	SIDEWALK CONCRETE 5IN REINF	SY	2,091	\$33.60	\$70,257.60
96.	750.	1016.	CONCRETE MEDIAN NOSE PAVING	SY	17	\$95.00	\$1,615.00
97.	750.	1000.	DRIVEWAY CONCRETE	SY	162	\$39.25	\$6,358.50
98.	750.	1016.	DRIVEWAY CONCRETE 6IN REINFORCED	SY	1,475	\$36.00	\$53,100.00
99.	750.	2115.	DETECTABLE WARNING PANELS	SF	324	\$30.60	\$9,914.40
100.	750.	9998.	SIDEWALK CONCRETE 6IN REINF	SY	145	\$34.25	\$4,966.25
101.	750.	9999.	SIDEWALK CONCRETE 4IN REINF	SY	1,183	\$30.45	\$36,022.35
102.	752.	600.	FENCE CHAIN LINK	LF	100	\$62.65	\$6,265.00
103.	752.	850.	ORNAMENTAL FENCE	LF	84	\$162.00	\$13,608.00
104.	752.	911.	TEMPORARY SAFETY FENCE	LF	1,000	\$2.05	\$2,050.00
105.	754.	110.	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	150	\$22.45	\$3,367.50

BID ITEM NO. & DESCRIPTION	UNIT	ESTIMATED QUANTITY	BID UNIT PRICE	BID PRICE
106. 754. 112. FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	119	\$17.35	\$2,064.65
107. 754. 170. FLEXIBLE DELINEATORS	EA	2	\$51.00	\$102.00
108. 754. 206. STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	289	\$18.35	\$5,303.15
109. 754. 592. RESET SIGN PANEL	EA	1	\$51.00	\$51.00
110. 762. 103. PVMT MK PAINTED-MESSAGE	SF	171	\$5.00	\$855.00
111. 762. 114. EPOXY PVMT MK 6IN LINE	LF	1,237	\$5.40	\$6,679.80
112. 762. 122. PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED)	SF	428	\$33.65	\$14,402.20
113. 762. 420. SHORT TERM 4IN LINE-TYPE R	LF	10,657	\$1.30	\$13,854.10
114. 762. 426. SHORT TERM 24IN LINE-TYPE R	LF	228	\$7.65	\$1,744.20
115. 762. 430. SHORT TERM 4IN LINE-TYPE NR	LF	7,962	\$0.46	\$3,662.52
116. 762. 436. SHORT TERM 24IN LINE-TYPE NR	LF	129	\$6.10	\$786.90
117. 762. 1104. PVMT MK PAINTED 4IN LINE	LF	4,048	\$0.70	\$2,833.60
118. 762. 1108. PVMT MK PAINTED 8IN LINE	LF	2,167	\$1.60	\$3,467.20
119. 762. 1124. PVMT MK PAINTED 24IN LINE	LF	121	\$5.60	\$677.60
120. 762. 1305. PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED	LF	6,366	\$5.30	\$33,739.80
121. 762. 1309. PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED	LF	1,306	\$10.00	\$13,060.00
122. 762. 1325. PREFORMED PATTERNED PVMT MK 24IN LINE-GROOVED	LF	216	\$33.65	\$7,268.40
123. 762. 1344. PREF PATT PVMT MK 7IN LINE CONTRAST-GROOVED	LF	1,332	\$9.70	\$12,920.40
124. 766. 100. MAILBOX-ALL TYPES	EA	12	\$80.00	\$960.00
125. 770. 3. LIGHTING SYSTEM A	EA	1	\$242,965.00	\$242,965.00
126. 772. 2800. INTERIM TRAFFIC SIGNALS	EA	3	\$14,000.00	\$42,000.00
127. 772. 2810. TEMPORARY TRAFFIC SIGNALS	EA	2	\$88,000.00	\$176,000.00
128. 772. 2906. REVISE TRAFFIC SIGNAL SYSTEM-SITE 1	EA	1	\$111,180.00	\$111,180.00
129. 772. 9200. IT SYSTEM	EA	1	\$15,700.00	\$15,700.00
130. 772. 9811. TRAFFIC SIGNAL SYSTEM - SITE 1	EA	1	\$256,600.00	\$256,600.00
131. 772. 9812. TRAFFIC SIGNAL SYSTEM - SITE 2	EA	1	\$251,225.00	\$251,225.00
132. 772. 9813. TRAFFIC SIGNAL SYSTEM - SITE 3	EA	1	\$125,865.00	\$125,865.00
133. 900. 1050. TEMPORARY DRAINAGE SYSTEM	L SUM	1	\$7,650.00	\$7,650.00
134. 330130. - TELEWISE - MAINLINE	LF	2,587	\$1.55	\$4,009.85
135. 330130. - TELEWISE - SERVICE	LF	936	\$2.55	\$2,386.80
136. 920. 9999. WASTE DISPOSAL STATION	L SUM	1	\$10,250.00	\$10,250.00
137. 930. 9543. RETAINING WALL	SF	423	\$38.75	\$16,391.25
138. 970. 105. HERBICIDE WEED CONTROL	SF	297,768	\$0.01	\$2,977.68
139. 329300. - TREE - REMOVE & RESET	EA	10	\$510.00	\$5,100.00
140. 329300. - TREE - SMALL DECIDUOUS	EA	56	\$400.00	\$22,400.00
141. 329300. - TREE - LARGE DECIDUOUS	EA	100	\$460.00	\$46,000.00
142. 329300. - TREE - SMALL EVERGREEN	EA	8	\$330.00	\$2,640.00
143. 329300. - TREE - LARGE EVERGREEN	EA	8	\$360.00	\$2,880.00
144. 329300. - SHRUB - 2 GALLON	EA	69	\$35.75	\$2,466.75
145. 329300. - MULCH - LANDSCAPE	CY	99	\$51.00	\$5,049.00
146. 329300. - TREE PROTECTION PLAN	L SUM	1	\$5,350.00	\$5,350.00
147. 990. 1934. STONE SIGN	EA	1	\$1,785.00	\$1,785.00

Construction Subtotal	\$5,443,981.15
Contingencies	\$544,398.85
Private Utility Relocation	\$300,000.00
Total Construction	\$6,288,380.00
Engineering	\$1,250,000.00
Legal & Administration	\$440,187.00
Bond Discount	\$125,000.00
Land Acquisition	\$25,000.00
TOTAL COST	\$8,128,567.00

