



PROJECT: SID 1404 Park & Irrigation Improvements for Annafield Sub, 1st Filing, Ph1 Parks
 S.S. PROJECT NO.: 16001.30

BID DATE: April 23, 2019
 BID TIME: 2:00 PM MST

BY: Sanderson Stewart
 FOR: City of Billings Parks and Recreation

Engineer's Opinion of Probable Cost

The Good Earth Works Co., Inc.

FIRSTMARK CONSTRUCTION

ITEM NO.	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE \$	TOTAL PRICE \$	UNIT PRICE \$	TOTAL PRICE \$	UNIT PRICE \$	TOTAL PRICE \$
SCHEDULE I – Base Bid									
101	1	LS	Mobilization and Insurance	\$33,994.10 / LS =	33,994.10	\$48,000.00 / LS =	48,000.00	\$38,370.10 / LS =	38,370.10
102	1	LS	Builders Risk and OCP Insurance	\$4,430.64 / LS =	4,430.64	\$2,000.00 / LS =	2,000.00	\$5,500.00 / LS =	5,500.00
103	1	LS	Payment and Performance Bonds	\$8,307.45 / LS =	8,307.45	\$25,000.00 / LS =	25,000.00	\$16,500.00 / LS =	16,500.00
104	1	LS	Unclassified Excavation, Earthwork, and Fine Grading	\$16,000.00 / LS =	16,000.00	\$36,000.00 / LS =	36,000.00	\$38,750.00 / LS =	38,750.00
105	1,426	CY	Topsoil (4 inches)	\$20.00 / CY =	28,520.00	\$22.00 / CY =	31,372.00	\$24.10 / CY =	34,366.60
106	40	CY	Engineered Wood Fiber (4 inches)	\$100.00 / CY =	4,000.00	\$50.00 / CY =	2,000.00	\$62.00 / CY =	2,480.00
107	34	CY	Landscape Cobble	\$70.00 / CY =	2,380.00	\$50.00 / CY =	1,700.00	\$62.00 / CY =	2,108.00
108	95,919	SF	Turf Grass Seed Mix	\$0.20 / SF =	19,183.80	\$0.20 / SF =	19,183.80	\$0.25 / SF =	23,979.75
109	45,473	SF	Dryland Grass Mix	\$0.16 / SF =	7,275.68	\$0.16 / SF =	7,275.68	\$0.20 / SF =	9,094.60
110	38,366	SF	Sod	\$0.70 / SF =	26,856.20	\$1.00 / SF =	38,366.00	\$1.25 / SF =	47,957.50
111	1	LS	Startup and Maintenance (1-year period)	\$7,500.00 / LS =	7,500.00	\$21,160.00 / LS =	21,160.00	\$26,634.00 / LS =	26,634.00
112	136,934	SF	Irrigation Spray Rotors/Pipe, Quick Couplers, Valves, Mainline and Associated Fittings	\$1.25 / SF =	171,167.50	\$0.42 / SF =	57,512.28	\$0.55 / SF =	75,313.70
113	132	LF	Bore Under Existing Asphalt (4-inch HDPE casing for 2-inch irrigation mainline)	\$150.00 / LF =	19,800.00	\$65.00 / LF =	8,580.00	\$82.00 / LF =	10,824.00
114	3	EA	Irrigation Well (screened), Pump, and Well Piping	\$12,500.00 / EA =	37,500.00	\$10,000.00 / EA =	30,000.00	\$12,587.00 / EA =	37,761.00
115	3	EA	Electrical Service (to run system)	\$3,500.00 / EA =	10,500.00	\$2,152.00 / EA =	6,456.00	\$2,708.00 / EA =	8,124.00
116	3	EA	Well Piping Assembly, Concrete Pad, Enclosure, and VFD	\$6,500.00 / EA =	19,500.00	\$2,230.00 / EA =	6,690.00	\$2,807.00 / EA =	8,421.00
117	3	EA	Irrigation Controller and Enclosure	\$2,500.00 / EA =	7,500.00	\$2,418.00 / EA =	7,254.00	\$3,044.00 / EA =	9,132.00
118	7,614	SF	Concrete Sidewalk/Plaza (4-inch thick including base gravel) (Park 1 and 4)	\$8.50 / SF =	64,719.00	\$8.00 / SF =	60,912.00	\$7.50 / SF =	57,105.00
119	1,053	SF	Thickened Edge Concrete Walk Surrounding Play Area (Park 4)	\$15.00 / SF =	15,795.00	\$11.00 / SF =	11,583.00	\$10.50 / SF =	11,056.50
120	4,545	SF	Concrete Access Drive (5-inch thick, fiber reinforced, including base gravel and separator fabric) (Park 4)	\$12.00 / SF =	54,540.00	\$8.50 / SF =	38,632.50	\$7.60 / SF =	34,542.00
121	116	LF	Playground Curb (Park 4)	\$43.00 / LF =	4,988.00	\$45.00 / LF =	5,220.00	\$44.50 / LF =	5,162.00
122	523	LF	4-inch Irrigation Sleeve	\$7.00 / LF =	3,661.00	\$7.00 / LF =	3,661.00	\$5.75 / LF =	3,007.25
123	4	EA	Bollard	\$450.00 / EA =	1,800.00	\$300.00 / EA =	1,200.00	\$260.00 / EA =	1,040.00
124	2	EA	Removable Bollard	\$450.00 / EA =	900.00	\$1,200.00 / EA =	2,400.00	\$1,100.00 / EA =	2,200.00
125	1	EA	Storm Drain Inlet Cover	\$500.00 / EA =	500.00	\$1,000.00 / EA =	1,000.00	\$890.00 / EA =	890.00
126	670	SY	Gravel Trail (12-foot wide, 12-inch section of 3/4-inch crushed base gravel with separator fabric)	\$10.00 / SY =	6,700.00	\$20.00 / SY =	13,400.00	\$18.00 / SY =	12,060.00
127	1,352	SY	Gravel Trail (8-foot wide, 6-inch section of 3/4-inch crushed base gravel with separator fabric)	\$7.00 / SY =	9,464.00	\$13.00 / SY =	17,576.00	\$11.75 / SY =	15,886.00
128	416	LF	Chain Link Fence (along river bank)	\$30.00 / LF =	12,480.00	\$19.35 / LF =	8,049.60	\$21.00	8,736.00
129	4	EA	Do Not Enter Signs (along chain link fence)	\$150.00 / EA =	600.00	\$150.00 / EA =	600.00	\$132.00	528.00
TOTAL FOR SCHEDULE I - Base Bid					\$600,562.37		\$512,783.86		\$547,529.00
ADDITIVE ALTERNATE NO. 1 - Landscape									
ADD 101	36	EA	Trees (1.25-inch caliper)	\$275.00 / EA =	9,900.00	\$250.00 / EA =	9,000.00	\$310.00 / EA =	11,160.00
ADD 102	66	EA	Trees (1.50-inch caliper)	\$330.00 / EA =	21,780.00	\$300.00 / EA =	19,800.00	\$375.00 / EA =	24,750.00
ADD 103	142	EA	Shrubs (1 GAL containers)	\$28.00 / EA =	3,976.00	\$25.00 / EA =	3,550.00	\$31.50 / EA =	4,473.00
ADD 104	2	EA	Evergreen Tree (6 foot minimum)	\$1,100.00 / EA =	2,200.00	\$350.00 / EA =	700.00	\$435.00 / EA =	870.00
ADD 105	6	EA	Perennials	\$28.00 / EA =	168.00	\$25.00 / EA =	150.00	\$31.50 / EA =	189.00
ADD 106	575	LF	Landscape Edging	\$7.00 / LF =	4,025.00	\$7.00 / LF =	4,025.00	\$8.80 / LF =	5,060.00
ADD 107	2,649	SF	Landscape Beds (mulch, fabric, drip irrigation)	\$2.50 / SF =	6,622.50	\$1.70 / SF =	4,503.30	\$2.00 / SF =	5,298.00
TOTAL FOR ADD ALT 1 - Landscape					\$48,671.50		\$41,728.30		\$51,800.00
ADDITIVE ALTERNATE NO. 2 - Seating and Shelter									
ADD 201	1	EA	14x14-foot Shade Shelter	\$7,700.00 / EA =	7,700.00	\$8,790.00 / EA =	8,790.00	\$12,368.00 / EA =	12,368.00
ADD 202	2	EA	16x16-foot Shade Shelter	\$8,250.00 / EA =	16,500.00	\$9,745.00 / EA =	19,490.00	\$12,368.00 / EA =	24,736.00
ADD 203	30	EA	Boulder Seating	\$275.00 / EA =	8,250.00	\$400.00 / EA =	12,000.00	\$328.00 / EA =	9,840.00
ADD 204	5	EA	Picnic Table	\$2,250.00 / EA =	11,250.00	\$2,250.00 / EA =	11,250.00	\$2,400.00 / EA =	12,000.00
ADD 205	2	EA	Bench	\$1,800.00 / EA =	3,600.00	\$1,765.00 / EA =	3,530.00	\$1,480.00 / EA =	2,960.00
ADD 206	5	EA	Bike Rack	\$460.00 / EA =	2,300.00	\$500.00 / EA =	2,500.00	\$740.00 / EA =	3,700.00
TOTAL FOR ADD ALT 2 - Seating and Shelter					\$49,600.00		\$57,560.00		\$65,604.00
TOTAL BID FOR SCHEDULE 1, ALT ADD 1, ALT ADD 2					\$698,833.87		\$612,072.16		\$664,933.00