



March 20, 2015

Mr. Jade Butler  
City of Gillette, Engineering Department  
P.O. Box 3003  
Gillette, Wyoming 82717

**RE: Construction Administration of Fox Park – Park Improvements Project 14EN23 – Professional Engineering Services Proposal: Estimated Scope**

Dear Mr. Siebenaler:

Environmental and Civil Solutions (ECS Engineers) is pleased to provide the proposal for the Professional Engineering and Surveying Services for Fox Park – Park Improvements Project 14EN23 for the City of Gillette.

In addition to the EJCDC Contract, Exhibit “A” – Engineer Services, Exhibit “B” – Duties of Resident Project Representative, and Exhibit “C” Payment for Services, ECS Engineers would like to propose the following estimated presence that corresponds to our estimate fees after careful consideration of the available information and the multiple discussions we have had:

**Anticipated On-Site Presence Schedule (estimated construction time of 55 days):**

- **Project Engineer:** 12 hrs/week, on-site and meetings
- **Engineering Technician (RPR)** 25 hrs/week, on-site 5 hrs/day
- **CAD Engineering Technician** 2.5 hrs/week, CAD support for design and survey
- **One Man Survey Crew w/Equipment** 7.5 hrs/week, on-site survey support
- **Administrative/Clerical** 4 hrs total
- **As-Built Drawings (CAD Eng. Tech)** 20 hrs total, drafting support for as-builts
- **On-site Testing SubConsultant (Strata)** \$7,700 total (including all lab work and on-site testing)

We understand that this schedule is heavily dependent on the Contractor and we may draw more effort or less effort through construction. Obviously more presence on larger items such as the roadway and pathway will require more weekly time. We appreciate this opportunity to work with you, and if you have any further questions, please don't hesitate to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Anthony P. MacDonald', is written over a light blue circular stamp or watermark.

Anthony P. MacDonald, P.E.  
Project Manager

Attachments: ECS Contract/Proposal, Exhibits “A”, “B”, “C”

TABLE 1

BUDGET FOR FOX PARK - PARK IMPROVEMENTS PROJECT 14EN23

				Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7
				CA	SURVEY	AS-BUILTS	testing (strata)			
PERSONNEL	HOURLY RATE	TOTAL HOURS	TOTAL COST	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours	Estimated Hours
PROFESSIONAL PERSONNEL										
Principal In Charge	\$ 150.00	2	\$300	1	1	0	0	0	0	0
Project Manager	\$ 140.00	0	\$0	0	0	0	0	0	0	0
Senior Environmental Engineer	\$ 135.00	0	\$0	0	0	0	0	0	0	0
Professional Land Surveyor	\$ 110.00	0	\$0	0	0	0	0	0	0	0
Senior Project Engineer	\$ 125.00	0	\$0	0	0	0	0	0	0	0
Project Engineer ( 12 hrs/week)	\$ 100.00	132	\$13,200	132	0	0	0	0	0	0
Surveyor	\$ 90.00	0	\$0	0	0	0	0	0	0	0
Engineer	\$ 85.00	0	\$0	0	0	0	0	0	0	0
Senior Engineering Technician (2.5 hrs/week)	\$ 85.00	47.5	\$4,038	0	27.5	20	0	0	0	0
Engineering Technician (25 hrs/week)	\$ 70.00	275	\$19,250	275	0	0	0	0	0	0
Survey Technician	\$ 70.00	0	\$0	0	0	0	0	0	0	0
One Man Survey Crew w/ Equipment (7.5 hrs/week)	\$ 140.00	82.5	\$11,550	0	82.5	0	0	0	0	0
One Man Survey Crew LS w/ Equipment	\$ 160.00	0	\$0	0	0	0	0	0	0	0
Two Man Survey Crew w/Equipment	\$ 210.00	0	\$0	0	0	0	0	0	0	0
TOTAL ESTIMATED ENGINEERING COST		539	\$48,338	\$32,600	\$14,038	\$1,700	\$0	\$0	\$0	\$0
SUPPORT PERSONNEL										
Clerical/Word Processing	\$ 65.00	4	\$260	2	1	1	0	0	0	0
TOTAL ESTIMATED SUPPORT COST		4	\$260	\$130	\$65	\$65	\$0	\$0	\$0	\$0
PERSONNEL SUBTOTAL			\$48,598	\$32,730	\$14,103	\$1,765	\$0	\$0	\$0	\$0
COMPUTER AIDED DRAFTING AND DESIGN FEE										
CADD	\$ 25.00	47.5	\$1,188	0	27.5	20	0	0	0	0
TOTAL ESTIMATED CADD FEE		47.5	\$1,188	\$0	\$688	\$500	\$0	\$0	\$0	\$0
DIRECT JOB COSTS			TOTAL COST	COST	COST	COST	COST	COST	COST	COST
Communications Fee (3%)				\$982	\$423	\$53	\$0	\$0	\$0	\$0
Lodging/Meals				\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subconsultant (Add 10% to subs proposed fee)				\$0	\$0	\$0	\$7,700	\$0	\$0	\$0
Mileage @ \$1.00/ mile				\$608	\$270	\$0	\$0	\$0	\$0	\$0
Teryx @ \$300 per day				\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL ESTIMATED DIRECT COST			\$10,035	\$1,589	\$693	\$53	\$7,700	\$0	\$0	\$0
TOTAL ESTIMATED EXPENSES			\$11,222.93	\$1,589.40	\$1,380.58	\$552.95	\$7,700.00	\$0.00	\$0.00	\$0.00
TOTAL ESTIMATED TASK COST			\$52,120	\$34,319	\$15,483	\$2,318	\$0	\$0	\$0	\$0
TOTAL ESTIMATED PROJECT COST				\$59,900						
CONTRACT AMOUNT			\$59,900							
TOTAL SERVICES (Labor)			\$48,600							
TOTAL EXPENSES			\$11,300							

