



Engineering Division
2545 North Pony Express Parkway
Eagle Mountain City, Utah 84005
(801) 789-6671

Monday, July 1, 2013

Mayor Heather Anne Jackson
 Eagle Mountain City
 1650 East Stage Coach Run
 Eagle Mountain, Utah 84005

Subject: **Silverlake plat 8** Reduced Bond Letter Requirements

Dear Mayor Jackson:

I have reviewed the improvement requirements for **Silverlake plat 8** Subdivision, and recommend the following bonding amount for this concept:

ITEM	DESCRIPTION	ORIGINAL QUANTITY	REDUCED QUANTITY	UNIT	UNIT COST	TOTAL
1	SITE PREP.					
a	Mobilization	1	0.5	LS	\$20,000.00	\$10,000.00
b	Site Excavation	80000	30000	CY	\$2.00	\$60,000.00
c	Rough grading (fill)	20000	8000	CY	\$2.00	\$16,000.00
2	ROADWAY IMPROVEMENTS					
a	3 inch Surface Course	140000	140000	SF	\$1.20	\$168,000.00
b	6 inch Roadbase(also behind curb)	140000	140000	SF	\$0.50	\$70,000.00
c	9 inch sub-base(e-fill)	140000	140000	SF	\$0.80	\$112,000.00
d	2.5 foot Curb and Gutter	6000	6000	LF	\$14.00	\$84,000.00
e	2 foot curb & gutter	2700	2700	LF	\$12.00	\$32,400.00
f	Sidewalk	25000	25000	SF	\$3.00	\$75,000.00
g	8 foot asphalt trail w/roadbase	20000	20000	SF	\$2.00	\$40,000.00
h	Street Signs	5	5	EA	\$240.00	\$1,200.00
i	Traffic Signs	5	5	EA	\$240.00	\$1,200.00
j	ADA access ramps for trail	18	18	EA	\$700.00	\$12,600.00
3	CULINARY WATER					
a	8 inch Water Main	3200	1300	LF	\$20.00	\$26,000.00
b	8 inch Gate Valve	8	3	EA	\$900.00	\$2,700.00
c	12 inch Water Main	2800	1680	LF	\$30.00	\$50,400.00
d	12 inch Gate Valve	7	2	EA	\$1,800.00	\$3,600.00
e	Fire Hydrant	7	4	EA	\$4,000.00	\$16,000.00
f	Air Gap Relief	2	0	EA	\$3,500.00	\$0.00
g	2 inch Service	3	0	EA	\$2,000.00	\$0.00
h	3/4 inch Water Service	77	37	EA	\$800.00	\$29,600.00
4	SEWER					

a	Sewer Pipe main	4000	0	LF	\$25.00	\$0.00
b	60" Sewer Manholes	2	0	EA	\$3,500.00	\$0.00
c	48" Sewer Manholes	21	0	EA	\$3,000.00	\$0.00
d	4 inch Sewer Service	77	0	EA	\$800.00	\$0.00
5	STORM DRAIN					
a	Storm Drain Combo Box	6	0	EA	\$4,500.00	\$0.00
b	48" Storm Drain Manhole	7	0	EA	\$2,500.00	\$0.00
c	Curb Inlet Box	6	0	EA	\$1,500.00	\$0.00
d	15 inch Pipe	1700	0	LF	\$30.00	\$0.00
e	72 inch Pipe	110	110	LF	\$250.00	\$27,500.00
f	Pipe End Section	4	4	EA	\$3,000.00	\$12,000.00
g	Waterway	60	60	LF	\$30.00	\$1,800.00
6	MISC.					
a	Misc. Roadway	1	1	LS	\$10,000.00	\$10,000.00
b	Misc. Sewer	1	1	LS	\$10,000.00	\$10,000.00
c	Misc. Water	1	1	LS	\$10,000.00	\$10,000.00
7	LANDSCAPE					
a	Clear & Grub In Landscape Area	101710	101710	SF	\$0.08	\$8,136.80
b	1-1/2 inch caliper tree park & PKWY	100	100	EA	\$98.00	\$9,800.00
c	1-1/2 inch caliper tree park strip	144	144	EA	\$98.00	\$14,112.00
d	5 gal shrub deciduous or evergreen	49	49	EA	\$19.50	\$955.50
e	1 gal perennial shrub	93	93	EA	\$6.98	\$649.14
f	Native seed mix	13410	13410	SF	\$0.07	\$938.70
g	3 inch cobble rock planter beds (2625 SF)	24	24	CY	\$83.00	\$1,992.00
h	4 inch top soil lawn area (85675 SF)	1058	1058	CY	\$12.96	\$13,711.68
i	Turf, Sod	85675	85675	SF	\$0.27	\$23,132.25
j	Weed fabric	2625	2625	SF	\$0.38	\$997.50
k	4"x6" concrete mow curb	200	200	LF	\$2.25	\$450.00
l	Irrigation system	99095	99095	SF	\$0.58	\$57,475.10
	TOTAL CONSTRUCTION COST					\$1,000,033.17
	15% Bond Coverage of original construction cost					\$251,389.98
	TOTAL BOND AMOUNT:					\$1,251,423.15

A total of 115 percent of the total outstanding construction costs shall be guaranteed in the form of a performance bond totaling **\$1,251,423.15**. The developer is fully responsible to comply with the Eagle Mountain City Construction Standards and Ordinances.

Please call me if you have any questions.
Sincerely,

Christopher T. Trusty, P.E.
Public Works Director
Eagle Mountain City

Cc: Fionnuala Kofoed, Eagle Mountain City Recorder