

# 2016 Financial Assurance Estimate Form (with pre-plat construction)

Effective Date: 5/16/2016

<b>Project Information</b>	
<b>Falcon Marketplace</b>	<b>6/18/2018</b>
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units		Price		Total	% Complete	Remaining
Earthwork*	78,000.00	CY	@	\$ 5	=	390,000.00		\$ 390,000.00 *
Permanent Seeding* (inc. noxious weed mgmnt.)	10.40	AC	@	\$ 582	=	6,052.80		\$ 6,052.80 *
Mulching*	10.40	AC	@	\$ 507	=	5,272.80		\$ 5,272.80 *
Permanent Erosion Control Blanket*	5,900.00	SY	@	\$ 6	=	35,400.00		\$ 35,400.00 *
Temporary Erosion Control Blanket	0.00	SY	@	\$ 3	=	0.00		\$ -
Vehicle Tracking Control	1.00	EA	@	\$ 1626	=	1,626.00		\$ 1,626.00
Safety Fence	5,000.00	LF	@	\$ 3	=	15,000.00		\$ 15,000.00
Silt Fence	4,900.00	LF	@	\$ 4	=	19,600.00		\$ 19,600.00
Temporary Seeding	21.80	AC	@	\$ 485	=	10,573.00		\$ 10,573.00
Temporary Mulch	21.80	AC	@	\$ 507	=	11,052.60		\$ 11,052.60
Erosion Bales	31.00	EA	@	\$ 21	=	651.00		\$ 651.00
Erosion Logs	0.00	LF	@	\$ 21	=	0.00		\$ -
Rock Ditch Checks	0.00	EA	@	\$ 98	=	0.00		\$ -
Inlet Protection	14.00	EA	@	\$ 153	=	2,142.00		\$ 2,142.00
Sediment Basin	4.00	EA	@	\$ 1625	=	6,500.00		\$ 6,500.00
Concrete Washout Basin	1.00	EA	@	\$ 776	=	776.00		\$ 776.00
			@	\$	=	0.00		\$ -
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process								
<b>Section 1 Subtotal</b>						= \$ 504,646.20		\$ 504,646.20

Section 2 - Public Improvements**	Quantity	Units		Price		Total	% Complete	Remaining
<b>- Roadway Improvements</b>						0.00		
Construction Traffic Control		LS	@	\$ 25000	=	0.00		\$ - *
Aggregate Base Course - 8"		Tons	@	\$ 18	=	0.00		\$ - *
<b>- Storm Drain Improvements</b>								
Concrete Box Culvert (M Standard), Size ( W x H )		LF	@	\$	=	0.00		\$ - *
Reinforced Concrete Pipe (RCP) Size		LF	@	\$	=	0.00		\$ - *
18" Reinforced Concrete Pipe		LF	@	\$ 69	=	0.00		\$ - *
24" Reinforced Concrete Pipe	180.00	LF	@	\$ 84	=	15,120.00		\$ 15,120.00 *
30" Reinforced Concrete Pipe		LF	@	\$ 94	=	0.00		\$ - *
36" Reinforced Concrete Pipe		LF	@	\$ 124	=	0.00		\$ - *
42" Reinforced Concrete Pipe		LF	@	\$ 134	=	0.00		\$ - *
48" Reinforced Concrete Pipe		LF	@	\$ 178	=	0.00		\$ - *
54" Reinforced Concrete Pipe		LF	@	\$ 182	=	0.00		\$ - *
60" Reinforced Concrete Pipe		LF	@	\$ 296	=	0.00		\$ - *
66" Reinforced Concrete Pipe		LF	@	\$ 360	=	0.00		\$ - *
96" Reinforced Concrete Pipe	1,060.00	LF	@	\$ 700	=	742,000.00		\$ 742,000.00 *
Flared End Section (FES) RCP †		EA	@	\$ 1800	=	0.00		\$ - *
End Treatment- Headwall	1.00	EA	@	\$ 5000	=	5,000.00		\$ 5,000.00 *
End Treatment- Wingwall	1.00	EA	@	\$ 9000	=	9,000.00		\$ 9,000.00 *
End Treatment - Cutoff Wall	1.00	EA	@	\$ 500	=	500.00		\$ 500.00 *
Grated Inlet (Type C), < 5' deep		EA	@	\$ 4305	=	0.00		\$ - *
Grated Inlet (Type D), < 5' deep		EA	@	\$ 3908	=	0.00		\$ - *
Storm Sewer Manhole, Box Base, Depth < 15 feet	4.00	EA	@	\$ 8592	=	34,368.00		\$ 34,368.00 *
Storm Sewer Bend	1.00	EA	@	\$ 2500	=	2,500.00		\$ 2,500.00 *
Geotextile (Erosion Control)	1,000.00	SY	@	\$ 6	=	6,000.00		\$ 6,000.00 *
Rip Rap, d50 Size from 6" to 24"	190.00	CY	@	\$ 98	=	18,620.00		\$ 18,620.00 *
Rip Rap, Grouted	455.00	CY	@	\$ 215	=	97,825.00		\$ 97,825.00 *
Drainage Channel Construction, Size ( W x H )		LF	@	\$	=	0.00		\$ - *

provide actual cost

Extend to cents

Concrete Trickle Channel	38.00	CY	@	\$ 579	=	\$ 22,002.00	\$ 22,002.00	*
Channel Lining, Rip Rap		CY	@	\$ 98	=	\$ 0.00	\$ -	*
Channel Lining, Grass		AC	@	\$ 1,187	=	\$ 0.00	\$ -	*
Channel Lining Pond SR4 Clay Liner	3,200.00	SY	@	\$ 1	=	\$ 3,200.00	\$ 3,200.00	*
Detention Outlet Structure	1.00	EA	@	\$ 50,000	=	\$ 50,000.00	\$ 50,000.00	*
Detention Emergency Spillway	1.00	EA	@	\$ 40,000	=	\$ 40,000.00	\$ 40,000.00	*
Stabilized Access Road	38,881.00	SF	@	\$ 1	=	\$ 19,440.50	\$ 19,440.50	*
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process.								
<b>Section 2 Subtotal</b>					=	\$ 1,065,575.50	\$ 1,065,576	**

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units	Price	Total	% Complete	Remaining
***items in this section are not subject to defect warranty financial assurance						
<b>Section 3 Subtotal</b>				=	\$ 0.00	\$ -

Financial Assurance Totals	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$ \$ -
( Inc. survey to verify detention pond volumes.)	
<b>Total Construction Financial Assurance</b>	<b>\$ 1,570,221.70</b>
(Sum of all section subtotals)	
<b>Total Remaining Construction Financial Assurance</b>	<b>1,570,221.70</b>
(Sum of all section totals less credit for items complete)	
<b>Total Defect Warranty Financial Assurance</b>	<b>\$300,460.22</b>
(20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance)	

**Approvals**

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

Engineer \_\_\_\_\_ Date \_\_\_\_\_  
 (P.E. Seal)

provide cost for as-built plans, survey and certification

Approved by Owner / Applicant \_\_\_\_\_ Date \_\_\_\_\_

Approved by El Paso County Engineer / ECM Administrator \_\_\_\_\_ Date \_\_\_\_\_