2015 Financial Assurance
Estimate Form (with pre-plat construction)

1/21/2019

Project Information	
Falcon Landing	**1/21/2019**
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	**Quantity**	**Units**		**Price**			**% Complete**	**Remaining**	
Earthwork*	1,000.00	CY	@	$ $5	=	$ 5,000.00		$ 5,000.00	*
Permanent Seeding* (inc. noxious weed mgmnt.)	0.37	AC	@	$ $582	=	$ 215.34		$ 215.34	*
Mulching*	0.37	AC	@	$ $507	=	$ 187.59		$ 187.59	*
Permanent Erosion Control Blanket*		SY	@	$ $6	=	$		$ -	*
Temporary Erosion Control Blanket		SY	@	$ $3		$		$ -	
Vehicle Tracking Control	1.00	EA	@	$ $1,625	=	$ 1,625.00		$ 1,625.00	
Safety Fence		LF	@	$ $3	=	$		$ -	
Silt Fence	380.00	LF	@	$ $4	=	$ 1,520.00		$ 1,520.00	
Temporary Seeding		AC	@	$ $485	=	$		$ -	
Temporary Mulch		AC	@	$ $507	=	$		$ -	
Erosion Bales		EA	@	$ $21	=	$		$ -	
Erosion Logs		LF	@	$ $6	=	$		$ -	
Rock Ditch Checks		EA	@	$	=	$		$ -	
Inlet Protection	1.00	EA	@	$ $153	=	$ 153.00		$ 153.00	
Sediment Basin		EA	@	$ $1,625	=	$		$ -	
Concrete Washout Basin	2.00	EA	@	$ $776	=	$ 1,552.00		$ 1,552.00	
			@	$	=	$		$ -	
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to final acceptance process.		**Section 1 Subtotal**			=	$ 10,252.93		$ 10,252.93	

Section 2 - Public Improvements**	**Quantity**	**Units**		**Price**			**% Complete**	**Remaining**	
- Roadway Improvements									
Construction Traffic Control		LS	@	$	=	$		$ -	*
Aggregate Base Course		Tons	@	$ $18	=	$		$ -	*
Asphalt Pavement		Tons	@	$ $65	=	$		$ -	*
Concrete Sidewalk		SY	@	$ $38	=	$		$ -	*
Raised Median, Paved		SF	@	$ $7	=	$		$ -	*
Electrical Conduit, Size =		LF	@	$ $14	=	$		$ -	*
Traffic Signal, complete intersection		EA	@	$ $250,000	=	$		$ -	*
Regulatory Sign		EA	@	$ $100	=	$		$ -	*
Advisory Sign		EA	@	$ $100	=	$		$ -	*
Guide/Street Name Sign		EA	@	$		$		$ -	*
Epoxy Pavement Marking		SF	@	$ $12	=	$		$ -	*
Thermoplastic Pavement Marking		SF	@	$ $22	=	$		$ -	*
Barricade - Type 3		EA	@	$ $115	=	$		$ -	*
Delineator (Type I)		EA	@	$ $21	=	$		$ -	*
Curb and Gutter, Type C (Ramp)		LF	@	$ $21	=	$		$ -	*
Curb and Gutter, Type A (6" Vertical)		LF	@	$ $16	=	$		$ -	*
Curb and Gutter, Type B (Median)		LF	@	$ $13	=	$		$ -	*
Pedestrian Ramp		SY	@	$ $108	=	$		$ -	*
Cross Pan	47.38	SY	@	$ $53	=	$ 2,511.14		$ 2,511.14	*
Curb Chase		EA	@	$ $1,300	=	$		$ -	*
Guardrail Type 3 (W-Beam)		LF	@	$ $18	=	$		$ -	*
Guardrail Type 7 (Concrete)		LF	@	$ $67	=	$		$ -	*
Guardrail End Anchorage		EA	@	$ $1,978	=	$		$ -	*
Guardrail Impact Attenuator		EA	@	$ $3,564	=	$		$ -	*
Sound Barrier Fence		LF	@	$ $100	=	$		$ -	*

- Storm Drain Improvements										
Concrete Box Culvert (M Standard), Size (W x H)			LF	@	$	=	$		$ -	*
Reinforced Concrete Pipe	Size		LF	@	$	=	$		$ -	*
18" Reinforced Concrete Pipe			LF	@	$ $69	=	$		$ -	*
24" Reinforced Concrete Pipe			LF	@	$ $84	=	$		$ -	*
30" Reinforced Concrete Pipe			LF	@	$ $94	=	$		$ -	*
36" Reinforced Concrete Pipe			LF	@	$ $124	=	$		$ -	*
42" Reinforced Concrete Pipe			LF	@	$ $134	=	$		$ -	*
48" Reinforced Concrete Pipe			LF	@	$ $178	=	$		$ -	*
54" Reinforced Concrete Pipe			LF	@	$ $182	=	$		$ -	*
60" Reinforced Concrete Pipe			LF	@	$ $216	=	$		$ -	*
66" Reinforced Concrete Pipe			LF	@	$ $263	=	$		$ -	*
72" Reinforced Concrete Pipe			LF	@	$ $283	=	$		$ -	*
Corrugated Steel Pipe (CSP)	Size		LF	@	$	=	$		$ -	*
18" Corrugated Steel Pipe			LF	@	$ $66	=	$		$ -	*
24" Corrugated Steel Pipe			LF	@	$ $96	=	$		$ -	*
30" Corrugated Steel Pipe			LF	@	$ $101	=	$		$ -	*
36" Corrugated Steel Pipe			LF	@	$ $136	=	$		$ -	*
42" Corrugated Steel Pipe			LF	@	$ $147	=	$		$ -	*
48" Corrugated Steel Pipe			LF	@	$ $169	=	$		$ -	*
54" Corrugated Steel Pipe			LF	@	$ $193	=	$		$ -	*
60" Corrugated Steel Pipe			LF	@	$ $227	=	$		$ -	*
66" Corrugated Steel Pipe			LF	@	$ $278	=	$		$ -	*
72" Corrugated Steel Pipe			LF	@	$ $330	=	$		$ -	*
78" Corrugated Steel Pipe			LF	@	$ $381	=	$		$ -	*
84" Corrugated Steel Pipe			LF	@	$ $432	=	$		$ -	*
Flared End Section (FES) RCP	┼		EA	@	$	=	$		$ -	*
Flared End Section (FES) CSP	┼		EA	@	$	=	$		$ -	*
End Treatment- Headwall			EA	@	$	=	$		$ -	*
End Treatment- Wingwall			EA	@	$	=	$		$ -	*
End Treatment - Cutoff Wall			EA	@	$	=	$		$ -	*
Curb Inlet (Type R) L=5', Depth < 5 feet			EA	@	$ $3,791	=	$		$ -	*
Curb Inlet (Type R) L=5', 5'-10' Depth			EA	@	$ $5,044		$		$ -	*
Curb Inlet (Type R) L =5' , 10'-15' Depth			EA	@	$ $6,027	=	$		$ -	*
Curb Inlet (Type R) L =10', Depth < 5 feet			EA	@	$ $5,528	=	$		$ -	*
Curb Inlet (Type R) L =10' , 5'-10' Depth			EA	@	$ $6,694	=	$		$ -	*
Curb Inlet (Type R) L =10' , 10'-15' Depth			EA	@	$ $7,500	=	$		$ -	*
Curb Inlet (Type R) L =15' , Depth < 5 feet			EA	@	$ $7,923	=	$		$ -	*
Curb Inlet (Type R) L =15' , 5'-10' Depth			EA	@	$ $8,000	=	$		$ -	*
Curb Inlet (Type R) L =15' , 10'-15' Depth			EA	@	$ $8,800	=	$		$ -	*
Curb Inlet (Type R) L =20' , Depth < 5 feet			EA	@	$ $8,000	=	$		$ -	*
Curb Inlet (Type R) L =20' , 5'-10' Depth			EA	@	$ $8,830	=	$		$ -	*
Curb Inlet (Type R) L =_____', __' - __' Depth			EA	@	$	=	$		$ -	*
Curb Inlet (Type R) L =_____', __' - __' Depth			EA	@	$	=	$		$ -	*
Grated Inlet (Type C), < 5' deep			EA	@	$ $3,270	=	$		$ -	*
Grated Inlet (Type D), < 5' deep			EA	@	$ $3,908	=	$		$ -	*
Storm Sewer Manhole, Box Base, Depth < 15 feet			EA	@	$ $8,592	=	$		$ -	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet			EA	@	$ $4,575	=	$		$ -	*
Geotextile (Erosion Control)			SY	@	$ $5	=	$		$ -	*
Rip Rap, d50 Size from 6" to 24"		1.37	CY	@	$ $98	=	$ 134.26		$ 134.26	*
Rip Rap, Grouted			CY	@	$ $215	=	$		$ -	*
Drainage Channel Construction, Size (W x H)			LF	@	$	=	$		$ -	*
Channel Lining, Concrete		3.30	CY	@	$ $450	=	$ 1,485.00		$ 1,485.00	*
Channel Lining, Rip Rap			CY	@	$ $98	=	$		$ -	*
Channel Lining, Grass			AC	@	$ $1,287	=	$		$ -	*
Channel Lining, Other Stabilization			SY	@	$ $3	=	$		$ -	*
Detention Outlet Structure			EA	@	$	=	$		$ -	*
Detention Emergency Spillway			EA	@	$	=	$		$ -	*
Permanent Water Quality Facility (Describe)			EA	@	$	=	$		$ -	*
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to final acceptance process. ┼ For flared end sections, multiply pipe LF cost by 6					**Section 2 Subtotal**	=	4,130.40 $		4,130.40	**

Provide a cost for the Permanent Water Quality Facility (PLD).

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units		Price			% Complete	Remaining
- Roadway Improvements								
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	$	=	$		$ -
			@	$	=	$		$ -
			@	$	=	$		$ -
Concrete Sidewalk	144.30		@	$ 33	=	$ 4,761.90		$ 4,761.90
			@	$	=	$		$ -
- Storm Drain Improvements								
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	$	=	$		$ -
			@	$	=	$		$ -
			@	$	=	$		$ -
			@	$	=	$		$ -
			@	$	=	$		$ -
			@	$	=	$		$ -
- Water System Improvements								
Water Main Pipe (PVC), Size 8"		LF	@	$ $94	=	$		$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	@	$ $137	=	$		$ -
Gate Valves, 8"		EA	@	$ $1,852	=	$		$ -
Fire Hydrant Assembly w/ all valves		EA	@	$ $6,430	=	$		$ -
Water Service Line Installation, including tap and valves		EA	@	$ 1,253	=	$		$ -
Fire Cistern Installation, complete		EA	@	$	=	$		$ -
- Sanitary Sewer Improvements								
Sewer Main Pipe (PVC), Size 8"		LF	@	$ $94	=	$		$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	@	$ $4,575	=	$		$ -
Sanitary Service Line Installation, complete		EA	@	$ 1,516	=	$		$ -
Sanitary Sewer Lift Station, complete		EA	@	$	=	$		$ -
- Landscaping (If Applicable)								
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA	@	$	=	$		$ -
		EA	@	$	=	$		
		EA	@	$	=	$		$ -
		EA	@	$	=	$		$ -
		EA	@	$	=	$		$ -
***items in this section are not subject to defect warranty financial assurance				**Section 3 Subtotal**	=	$ 4,761.90		4,761.90

Financial Assurance Totals	
As-built drawings - **(FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)**	$ $2,000
(Inc. survey to verify detention pond volumes.) **Total Construction Financial Assurance**	**$21,145.23**
(Sum of all section subtotals)	
Total Remaining Construction Financial Assurance	**21,145.23**
(Sum of all section totals less credit for items complete)	
Total Defect Warranty Financial Assurance	**$1,906.67**
(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)

Approved by Owner / Applicant — Date

Approved by El Paso Couny Engineer / ECM Administrator — Date