

# 2013 Financial Assurance Estimate Form

(Basic form)

9/4/2013

<b>Project Information</b>	
<b>LOT 23 CLAREMONT BUSINESS PARK FILING NO. 2</b>	<b>7/7/2017</b>
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units		Price		
Earthwork*	105.00	CY	@	\$ 4	=	\$ 420.00 *
Permanent Seeding*		AC	@	\$ 520	=	\$ *
Mulching*		AC	@	\$ 390	=	\$ *
Permanent Erosion Control Blanket*		SY	@	\$ 6	=	\$ *
Temporary Erosion Control Blanket		SY	@	\$ 3	=	\$
Vehicle Tracking Control	1.00	EA	@	\$ 1,450	=	\$ 1,450.00
Safety Fence		LF	@	\$ 3	=	\$
Silt Fence	145.00	LF	@	\$ 3	=	\$ 435.00
Temporary Seeding	0.37	AC	@	\$ 433	=	\$ 160.21
Temporary Mulch	0.37	AC	@	\$ 390	=	\$ 144.30
Erosion Bales		EA	@	\$ 21	=	\$
Erosion Logs		LF	@	\$ 6	=	\$
Curb Sock	4.00	EA	@	\$ 15	=	\$ 60.00
Inlet Protection		EA	@	\$ 153	=	\$
Sediment Basin		EA	@	\$ 1,625	=	\$
Concrete Washout Basin	1.00	EA	@	\$ 720	=	\$ 720.00
			@	\$	=	\$
* specified items subject to defect warranty financial assurance						
				<b>Section 1 Subtotal</b>	=	<b>\$ 3,389.51</b>

Section 2 - Public Improvements**	Quantity	Units		Price		
<b>- Roadway Improvements</b>						
Construction Traffic Control		LS	@	\$	=	\$
Aggregate Base Course (Assume 8" thick)		Tons	@	\$ 17	=	\$
Asphalt Pavement (Assume 4" thick)		Tons	@	\$ 60	=	\$
Raised Median, Paved		SF	@	\$ 7	=	\$
Electrical Conduit, Size =		LF	@	\$ 10	=	\$
Traffic Signal, complete intersection		EA	@	\$ 225,000	=	\$
Regulatory Sign		EA	@	\$ 100	=	\$
Advisory Sign		EA	@	\$ 100	=	\$
Guide/Street Name Sign		EA	@	\$ 100	=	\$
Epoxy Pavement Marking		SF	@	\$ 10	=	\$
Thermoplastic Pavement Marking		SF	@	\$ 18	=	\$
Barricade - Type 3		EA	@	\$ 115	=	\$
Delineator (Type I)		EA	@	\$ 19	=	\$
Curb and Gutter, Type C (Ramp)		LF	@	\$ 19	=	\$
Curb and Gutter, Type A (6" Vertical)		LF	@	\$ 16	=	\$
Curb and Gutter, Type B (Median)		LF	@	\$ 13	=	\$
Pedestrian Ramp		SY	@	\$ 108	=	\$

Cross Pan		SY	@	\$	\$53	=	\$
Curb Chase		EA	@	\$	\$1,100	=	\$
Guardrail Type 3 (W-Beam)		LF	@	\$	\$16	=	\$
Guardrail Type 7 (Concrete)		LF	@	\$	\$67	=	\$
Guardrail End Anchorage		EA	@	\$	\$1,978	=	\$
Guardrail Impact Attenuator		EA	@	\$	\$3,400	=	\$
Sound Barrier Fence		LF	@	\$	\$80	=	\$
<b>- Storm Drain Improvements</b>							
Concrete Box Culvert (M Standard), Size ( 2X 10'W x 6'H)		LF	@	\$	950	=	\$
Reinforced Concrete Pipe (RCP)	Size	LF	@	\$		=	\$
18" Reinforced Concrete Pipe		LF	@	\$	\$53	=	\$
24" Reinforced Concrete Pipe		LF	@	\$	\$58	=	\$
30" Reinforced Concrete Pipe		LF	@	\$	\$77	=	\$
36" Reinforced Concrete Pipe		LF	@	\$	\$95	=	\$
42" Reinforced Concrete Pipe		LF	@	\$	\$118	=	\$
48" Reinforced Concrete Pipe		LF	@	\$	\$136	=	\$
54" Reinforced Concrete Pipe		LF	@	\$	\$152	=	\$
60" Reinforced Concrete Pipe		LF	@	\$	\$180	=	\$
66" Reinforced Concrete Pipe		LF	@	\$	\$219	=	\$
72" Reinforced Concrete Pipe		LF	@	\$	\$257	=	\$
High Density Polyethylene (HDPE) Pipe	Size	LF	@	\$		=	\$
Corrugated Steel Pipe (CSP)	Size	LF	@	\$		=	\$
18" Corrugated Steel Pipe		LF	@	\$	\$60	=	\$
24" Corrugated Steel Pipe		LF	@	\$	\$87	=	\$
30" Corrugated Steel Pipe		LF	@	\$	\$92	=	\$
36" Corrugated Steel Pipe		LF	@	\$	\$124	=	\$
42" Corrugated Steel Pipe		LF	@	\$	\$134	=	\$
48" Corrugated Steel Pipe		LF	@	\$	\$169	=	\$
54" Corrugated Steel Pipe		LF	@	\$	\$175	=	\$
60" Corrugated Steel Pipe		LF	@	\$	\$206	=	\$
66" Corrugated Steel Pipe		LF	@	\$	\$253	=	\$
72" Corrugated Steel Pipe		LF	@	\$	\$300	=	\$
78" Corrugated Steel Pipe		LF	@	\$	\$346	=	\$
84" Corrugated Steel Pipe		LF	@	\$	\$393	=	\$
Flared End Section (FES) RCP	†	EA	@	\$	1,200	=	\$
Flared End Section (FES) HDPE	†	EA	@	\$		=	\$
Flared End Section (FES) CSP	†	EA	@	\$		=	\$
End Treatment- Headwall		EA	@	\$		=	\$
End Treatment- Wingwall		EA	@	\$	22,000	=	\$
End Treatment - Cutoff Wall		EA	@	\$		=	\$
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	\$3,761	=	\$
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	@	\$	\$5,443	=	\$
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	@	\$	\$6,500	=	\$
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	@	\$	\$6,680	=	\$
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	@	\$	\$6,340	=	\$
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	@	\$	\$7,422	=	\$
Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	@	\$	\$8,401	=	\$
Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	@	\$	\$7,575	=	\$

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	@	\$	\$3,440	=	\$
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	@	\$	\$7,160	=	\$
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$	\$4,575	=	\$
Geotextile (Erosion Control)		SY	@	\$	\$5	=	\$
Rip Rap, d50 Size from 6" to 24"		CY	@	\$	\$98	=	\$
Rip Rap, Grouted		CY	@	\$	\$215	=	\$
Temp. Drainage Channel Constr. (Upstream of CBC)		LF	@	\$	\$75	=	\$
Perm. Drainage Channel Constr.		LF	@	\$	\$10	=	\$
Channel Lining, Rip Rap		CY	@	\$	\$98	=	\$
Channel Lining, Grass		AC	@	\$	\$844	=	\$
Channel Lining, Other Stabilization		SY	@	\$	\$3	=	\$
Detention Facility Construction		CY	@	\$	\$11	=	\$
Detention Outlet Structure		EA	@	\$	4,500	=	\$
Detention Emergency Spillway		EA	@	\$		=	\$
Permanent Water Quality Facility (SFB)	1.00	EA	@	\$	2,000	=	\$ 2,000.00
**all items this section subject to defect warranty financial assurance. † For flared end sections, multiply pipe LF cost by 6							
<b>Section 2 Subtotal</b>						=	\$ 2,000.00 **

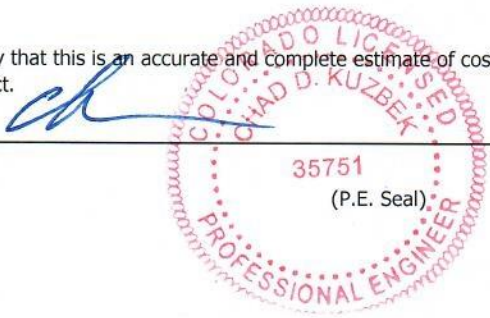
<b>Section 3 - Common Development Improvements (Private or District)***</b>	<b>Quantity</b>	<b>Units</b>		<b>Price</b>		
<b>- Roadway Improvements</b>						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
Concrete Sidewalk		SY	@	\$ 38	=	\$
			@	\$	=	\$
			@	\$	=	\$
<b>- Storm Drain Improvements</b>						
Perm. Drainage Channel Constr.		LF	@	\$ 10	=	\$
Rip Rap, d50 Size from 6" to 24"	3.25	CY	@	\$ 98	=	\$ 318.50
			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
<b>- Water System Improvements</b>						
Water Main Pipe (PVC), Size 8"		LF	@	\$ 72	=	\$
Water Main Pipe (Ductile Iron), Size 8"		LF	@	\$ 128	=	\$
Gate Valves, 8"		EA	@	\$ 1,852	=	\$
Fire Hydrant Assembly w/ all valves		EA	@	\$ 5,848	=	\$
Water Service Line Installation, including tap and valves		EA	@	\$ 1,166	=	\$
Fire Cistern Installation, complete		EA	@	\$	=	\$
<b>- Sanitary Sewer Improvements</b>						
Sewer Main Pipe (PVC), Size 8"		LF	@	\$ 68	=	\$
Sanitary Sewer Manhole, Depth < 15 feet		EA	@	\$ 4,575	=	\$
Sanitary Service Line Installation, complete		EA	@	\$ 1,378	=	\$
Sanitary Sewer Lift Station, complete		EA	@	\$	=	\$
<b>- Landscaping (If Applicable)</b>						
(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				<b>Section 3 Subtotal</b>		= \$ 318.50

**Financial Assurance Totals**

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)		\$	
( Inc. survey to verify detention pond volumes.)	<b>Construction Financial Assurance Total</b>	=	<u>\$ 5,708.01</u>
	(Sum of all Section Totals)		
	Public Improvements Total* **	\$	2,420.00
	<b>Defect Warranty Financial Assurance Total</b>	=	<u>\$ 484.00</u>
	(20% of Section 2 Subtotal and 20% of identified Grading and Erosion BMP items)		

**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

10/18/17

Date

18 Oct 17

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date