

2015 Financial Assurance Estimate Form

(Basic form)

PCD Project No. PPR-17-056

Project Information	
Lot 35, Claremont Business Park Fil.No. 2	4/24/2018
Project Name _____	Date _____

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		
Earthwork*	800.00	CY	\$ 5	=	\$ 4,000.00 *
Permanent Seeding*	0.50	AC	\$ 582	=	\$ 291.00 *
Mulching*	0.50	AC	\$ 507	=	\$ 253.50 *
Permanent Erosion Control Blanket*		SY	\$ 8	=	\$ *
Temporary Erosion Control Blanket		SY	\$ 3	=	\$
Vehicle Tracking Control	1.00	EA	\$ 1,625	=	\$ 1,625.00
Safety Fence		LF	\$ 3	=	\$
Silt Fence	250.00	LF	\$ 4	=	\$ 1,000.00
Temporary Seeding	0.50	AC	\$ 485	=	\$ 242.50
Temporary Mulch		AC	\$ 507	=	\$
Erosion Bales		EA	\$ 21	=	\$
Erosion Logs		LF	\$ 6	=	\$
Rock Ditch Checks		EA	\$	=	\$
Inlet Protection		EA	\$ 153	=	\$
Sediment Basin		EA	\$ 1,625	=	\$
Concrete Washout Basin	1.00	EA	\$ 776	=	\$ 776.00
		@	\$	=	\$
Specified items subject to defect warranty financial assurance					
Section 1 Subtotal					= \$ 8,188.00

Section 2 - Public Improvements**	Quantity	Units	Price		
- Roadway Improvements					
Construction Traffic Control		LS	\$	=	\$
Aggregate Base Course		Tons	\$ 18	=	\$
Asphalt Pavement		Tons	\$ 65	=	\$
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		SY	@	\$	\$53	=	\$
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 (RCP) 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"	CY	@	\$ 98	=	\$
Rip Rap, Grouted	CY	@	\$ 215	=	\$
Drainage Channel Construction, Size (W x H)	LF	@	\$	=	\$
Channel Lining, Concrete	CY	@	\$ 450	=	\$
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	@	\$	=	\$
**all items this section subject to defect warranty financial assurance. † For flared end sections, multiply pipe LF cost by 6					
			Section 2 Subtotal	=	\$ ***

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units		Price			
- 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		SY	@	\$ 38	=	\$	
Curb and Gutter, Type B (6" Vertical)		LF	@	\$ 20	=	\$	
Aggregate Base Course			@	\$	=	\$	
- Storm Drain Improvements							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$	
			@	\$	=	\$	
			@	\$	=	\$	
			@	\$	=	\$	
Permanent WQ Facility (Grading)	1.00	EA	@	\$ 1,500	=	\$ 1,500.00	
Subsurface WQ Storm Facility	1.00	EA	@	\$ 8,000	=	\$ 8,000.00	
Class C Filter Material		CY	@	\$ 35	=	\$	
Reinforced Vertical Concrete Walls		CY	@	\$ 725	=	\$	
			@	\$	=	\$	
- 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, inc. tap & 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	@	\$	=	\$
Swale (Cobble Stone/Grass)			EA	@	\$	=	\$
			EA	@	\$	=	\$
			EA	@	\$	=	\$
***Items in this section are not subject to defect warranty financial assurance							
Section 3 Subtotal					=	\$ 9,500.00	

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.)		\$	500.00
	Construction Financial Assurance Total	= \$	18,188.00
	(Sum of all Section Totals)		
	Public Improvements Total* **	\$	4,544.50
	Defect Warranty Financial Assurance Total	= \$	908.90
	(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



Date

4-24-18

Approved by Owner / Applicant

Date

4-24-18

Approved by El Paso County Engineer / ECM Administrator

Date