

Financial Assurance Estimate Form (with pre-plate construction)

8/6/2015

Project Information VR-18-010

Largest Subdivision (Big O Tires - Falcon)

7/12/2018

Project Name

Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	% Complete	Remaining
Earthwork*	1,164.00	CY @	\$ 5	\$ 5,820.00	\$ 5,820.00 *
Permanent Seeding* (inc. noxious weed mgmt.)	0.10	AC @	\$ 582	\$ 58.20	\$ 58.20 *
Mulching*	0.10	AC @	\$ 507	\$ 50.70	\$ 50.70 *
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	500.00	LF @	\$ 4	\$ 2,000.00	\$ 2,000.00 *
Temporary Seeding		AC @	\$ 485	\$	\$ *
Temporary Mulch		AC @	\$ 507	\$	\$ *
Erosion Bales		EA @	\$ 21	\$	\$ *
Erosion Logs		LF @	\$ 6	\$	\$ *
Rock Ditch Checks		EA @	\$	\$	\$ *
Inlet Protection	3.00	EA @	\$ 153	\$ 459.00	\$ 459.00 *
Sediment Basin	1.00	EA @	\$ 1,625	\$ 1,625.00	\$ 1,625.00 *
Concrete Washout Basin	1.00	EA @	\$ 776	\$ 776.00	\$ 776.00 *
		@	\$	\$	\$ *
* 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.					
Section 1 Subtotal:				\$ 12,413.90	\$ 12,413.90

Section 2 - Public Improvements**	Quantity	Units	Price	% Complete	Remaining
- 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 (8" Vertical)		LF @	\$ 16	\$	\$ *
Curb and Gutter, Type B (Median)		LF @	\$ 13	\$	\$ *
Pedestrian Ramp		SY @	\$ 108	\$	\$ *

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 preliminary acceptance process. † For flared end sections, multiply pipe LF cost by 6

Section 2 Subtotal \$

**

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	@	\$	\$68	=	\$	\$	*
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	=	\$	\$	*
76" 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	@	\$	\$7,600	=	\$	\$	*
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, #50 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	=	\$	\$	*

**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		SY	\$ 338			
- Storm Drain Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)						
Storm Inlet (Type 16)	2.00	EA	\$ 3,270		6,540.00	\$ 6,540.00
12" HDPE Storm Sewer	91.00	LF	\$ 50		4,550.00	\$ 4,550.00
18" RCP Culvert w/ FES	56.00	LF	\$ 69		3,864.00	\$ 3,864.00
Detention Basin (including retaining walls)	1.00	LS	\$ 70,104		70,104.00	\$ 70,104.00
- 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	\$ 34,575			
Sanitary Service Line Installation, complete		EA	\$ 1,516			
Sanitary Sewer Lift Station, complete		EA				
- Landscaping (if Applicable)						
(List landscaping item 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 = \$ 85,058.00 85,058.00

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)
(Inc. survey to verify detention pond volumes.)

\$ \$1,000

Total Construction Financial Assurance \$98,471.90

(Sum of all section subtotals)

Total Remaining Construction Financial Assurance 98,471.90

(Sum of all section totals less credit for items complete)

Total Defect Warranty Financial Assurance \$1,185.78

(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 cost for the work as shown on the approved Construction Drawings associated with the Project.

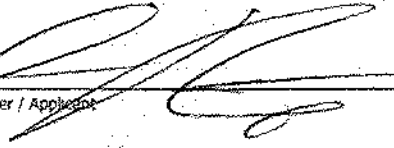
Engineer




7/18/18

Date

Approved by Owner / Applicant



7-24-18

Date

Approved by El Paso County Engineer / ECM Administrator

Date