

2017 Financial Assurance Estimate Form
(with pre-plate construction)

Updated: 8/7/18

PROJECT INFORMATION						
Project Name <i>MUEA YODER SUBDIVISION</i>		Date		PCD File No.		
Description <i>PPR-18-027</i>	Quantity	Units	Price	Total	(with Pre-plate Construction) % Complete Remaining	
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)						
* Earthwork	7,918.00	CY	\$ 9	= \$ 71,262		\$ 71,262 *
* Permanent Seeding (inc. noxious weed mgmnt.)	3.00	AC	\$ 582	= \$ 1,746		\$ 1,746 *
* Mulching	3.00	AC	\$ 527	= \$ 1,581		\$ 1,581 *
* Permanent Erosion Control Blanket		SY	\$ 6	= \$ -		\$ - *
* Permanent Pond/BMP Construction		CY	\$ 19	= \$ -		\$ - *
* Permanent Pond/BMP (Spillway)		EA		= \$ -		\$ - *
* Permanent Pond/BMP (Outlet Structure)		EA		= \$ -		\$ - *
Temporary Erosion Control Blanket		SY	\$ 3	= \$ -		\$ -
Vehicle Tracking Control	1.00	EA	\$ 2,242	= \$ 2,242		\$ 2,242
Safety Fence		LF	\$ 3	= \$ -		\$ -
Silt Fence		LF	\$ 4	= \$ -		\$ -
Temporary Seeding	3.00	AC	\$ 582	= \$ 1,746		\$ 1,746
Temporary Mulch		AC	\$ 527	= \$ -		\$ -
Erosion Bales		EA	\$ 24	= \$ -		\$ -
Erosion Logs	961.00	LF	\$ 6	= \$ 5,766		\$ 5,766
Rock Check Dams		EA	\$ 195	= \$ -		\$ -
Inlet Protection		EA	\$ 158	= \$ -		\$ -
Sediment Basin	2.00	EA	\$ 1,667	= \$ 3,334		\$ 3,334
Concrete Washout Basin	1.00	EA	\$ 1,000	= \$ 1,000		\$ 1,000
[insert items not listed but part of construction plans]				= \$ -		\$ -
MAINTENANCE (35% of Construction BMPs)				= \$ 4,931		\$ 4,931
SECTION 1 SUBTOTAL				= \$ 93,608		\$ 93,608
* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
SECTION 2 - PUBLIC IMPROVEMENTS *						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS		= \$ -		\$ - *
Aggregate Base Course (150 lbs/cf)		Tons	\$ 24	= \$ -		\$ - *
Asphalt Pavement (135 lbs/cf)		Tons	\$ 83	= \$ -		\$ - *
Raised Median, Paved		SF	\$ 8	= \$ -		\$ - *
Regulatory Sign		EA	\$ 177	= \$ -		\$ - *
Advisory Sign		EA	\$ 177	= \$ -		\$ - *
Guide/Street Name Sign		EA		= \$ -		\$ - *
Epoxy Pavement Marking		SF	\$ 12	= \$ -		\$ - *
Thermoplastic Pavement Marking		SF	\$ 22	= \$ -		\$ - *
Barricade - Type 3		EA	\$ 118	= \$ -		\$ - *
Delineator - Type I		EA	\$ 23	= \$ -		\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	\$ 17	= \$ -		\$ - *
Curb and Gutter, Type B (Median)		LF	\$ 19	= \$ -		\$ - *
Curb and Gutter, Type C (Ramp)		LF	\$ 23	= \$ -		\$ - *
4" Sidewalk		SY	\$ 46	= \$ -		\$ - *
5" Sidewalk		SY	\$ 58	= \$ -		\$ - *
6" Sidewalk		SY	\$ 69	= \$ -		\$ - *
8" sidewalk		SY	\$ 92	= \$ -		\$ - *

PROJECT INFORMATION

Project Name		Date		PCD File No.		
Description		Quantity	Units	Price	Total	(with Pre-plot Construction) % Complete Remaining
Pedestrian Ramp			SY	\$ 143	= \$ -	\$ - *
Cross Pan			SY	\$ 57	= \$ -	\$ - *
Curb Chase			EA	\$ 1,400	= \$ -	\$ - *
Guardrail Type 3 (W-Beam)			LF	\$ 46	= \$ -	\$ - *
Guardrail Type 7 (Concrete)			LF	\$ 68	= \$ -	\$ - *
Guardrail End Anchorage			EA	\$ 1,985	= \$ -	\$ - *
Guardrail Impact Attenuator			EA	\$ 3,564	= \$ -	\$ - *
Sound Barrier Fence			LF	\$ 108	= \$ -	\$ - *
Electrical Conduit, Size =			LF	\$ 15	= \$ -	\$ - *
Traffic Signal, complete intersection			EA	\$ 250,000	= \$ -	\$ - *
				= \$ -		\$ - *
<i>[Insert items not listed but part of construction plans]</i>				= \$ -		\$ - *
STORMDRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)			LF		= \$ -	\$ - *
18" Reinforced Concrete Pipe			LF	\$ 84	= \$ -	\$ - *
24" Reinforced Concrete Pipe			LF	\$ 99	= \$ -	\$ - *
30" Reinforced Concrete Pipe			LF	\$ 117	= \$ -	\$ - *
36" Reinforced Concrete Pipe			LF	\$ 157	= \$ -	\$ - *
42" Reinforced Concrete Pipe			LF	\$ 186	= \$ -	\$ - *
48" Reinforced Concrete Pipe			LF	\$ 243	= \$ -	\$ - *
54" Reinforced Concrete Pipe			LF	\$ 278	= \$ -	\$ - *
60" Reinforced Concrete Pipe			LF	\$ 300	= \$ -	\$ - *
66" Reinforced Concrete Pipe			LF	\$ 333	= \$ -	\$ - *
72" Reinforced Concrete Pipe			LF	\$ 367	= \$ -	\$ - *
18" Corrugated Steel Pipe			LF	\$ 71	= \$ -	\$ - *
24" Corrugated Steel Pipe			LF	\$ 103	= \$ -	\$ - *
30" Corrugated Steel Pipe			LF	\$ 109	= \$ -	\$ - *
36" Corrugated Steel Pipe			LF	\$ 147	= \$ -	\$ - *
42" Corrugated Steel Pipe			LF	\$ 159	= \$ -	\$ - *
48" Corrugated Steel Pipe			LF	\$ 183	= \$ -	\$ - *
54" Corrugated Steel Pipe			LF	\$ 208	= \$ -	\$ - *
60" Corrugated Steel Pipe			LF	\$ 245	= \$ -	\$ - *
66" Corrugated Steel Pipe			LF	\$ 301	= \$ -	\$ - *
72" Corrugated Steel Pipe			LF	\$ 356	= \$ -	\$ - *
78" Corrugated Steel Pipe			LF	\$ 411	= \$ -	\$ - *
84" Corrugated Steel Pipe			LF	\$ 467	= \$ -	\$ - *
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)			EA		= \$ -	\$ - *
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)			EA		= \$ -	\$ - *
End Treatment- Headwall			EA		= \$ -	\$ - *
End Treatment- Wingwall			EA		= \$ -	\$ - *
End Treatment - Cutoff Wall			EA		= \$ -	\$ - *
Curb Inlet (Type R) L=5', Depth < 5 feet			EA	\$ 5,243	= \$ -	\$ - *
Curb Inlet (Type R) L=5', 5'-10' Depth			EA	\$ 6,800	= \$ -	\$ - *
Curb Inlet (Type R) L =5' , 10'-15' Depth			EA	\$ 7,895	= \$ -	\$ - *
Curb Inlet (Type R) L =10' , Depth < 5 feet			EA	\$ 7,216	= \$ -	\$ - *
Curb Inlet (Type R) L =10' , 5'-10' Depth			EA	\$ 7,437	= \$ -	\$ - *
Curb Inlet (Type R) L =10' , 10'-15' Depth			EA	\$ 9,310	= \$ -	\$ - *
Curb Inlet (Type R) L =15' , Depth < 5 feet			EA	\$ 9,383	= \$ -	\$ - *
Curb Inlet (Type R) L =15' , 5'-10' Depth			EA	\$ 10,060	= \$ -	\$ - *
Curb Inlet (Type R) L =15' , 10'-15' Depth			EA	\$ 11,000	= \$ -	\$ - *

PROJECT INFORMATION

Project Name	Date		PCD File No.			
Description	Quantity	Units	Price	Total	% Complete	Remaining
Curb Inlet (Type R) L =20" , Depth < 5 feet		EA	\$ 10,000 = \$	-		\$ - *
Curb Inlet (Type R) L =20" , 5'-10' Depth		EA	\$ 11,038 = \$	-		\$ - *
Grated Inlet (Type C), < 5' deep		EA	\$ 4,390 = \$	-		\$ - *
Grated Inlet (Type D), < 5' deep		EA	\$ 5,422 = \$	-		\$ - *
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	\$ 11,000 = \$	-		\$ - *
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	\$ 6,050 = \$	-		\$ - *
Geotextile (Erosion Control)		SY	\$ 6 = \$	-		\$ - *
Rip Rap, d50 Size from 6" to 24"		CY	\$ 88 = \$	-		\$ - *
Rip Rap, Grouted		CY	\$ 215 = \$	-		\$ - *
Drainage Channel Construction, Size (W x H)		LF	= \$	-		\$ - *
Drainage Channel Lining, Concrete		CY	\$ 539 = \$	-		\$ - *
Drainage Channel Lining, Rip Rap		CY	\$ 106 = \$	-		\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,390 = \$	-		\$ - *
Drainage Channel Lining, Other Stabilization			= \$	-		\$ - *
[insert items not listed but part of construction plans]			= \$	-		\$ - *
* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
Section 2 Subtotal = \$				-		\$ - *

SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT maintained by El Paso County)**

ROADWAY IMPROVEMENTS

			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -

STORMDRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)

			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -

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 and valves		EA	\$ 1,253 = \$	-		\$ -
Fire Cistern Installation, complete		EA	= \$	-		\$ -
[insert items not listed but part of construction plans]			= \$	-		\$ -

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	= \$	-		\$ -
[insert items not listed but part of construction plans]			= \$	-		\$ -

LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)

PROJECT INFORMATION						
Project Name				Date	PCD File No.	
Description	Quantity	Units	Price	Total	(with Pre-plat Construction) % Complete Remaining	
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
Section 3 Subtotal =				\$	-	\$ -
Section 3 is not subject to defect warranty						
AS-BUILTS (Public Improvements)		LS	= \$	-		\$ -
Pond Verification (survey to verify pond volumes)		LS	= \$	-		\$ -
Total Construction Financial Assurance					\$	93,608
(Sum of all section subtotals plus as-builts and pond verification)						
Total Remaining Construction Financial Assurance (with pre-plat construction)					\$	93,608
(Sum of all section totals less credit for items complete plus as-builts and pond verification)						
Total Defect Warranty Financial Assurance					\$	14,918
(20% of all items identified as (*). 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.

[Signature]
 Engineer (P.E. Seal Required) _____ Date _____

[Signature]
 Approved by Owner / Applicant _____ Date _____

Approved
 by Elizabeth Nikora
 El Paso County Planning and Community Development
 on behalf of Jennifer Irvine, County Engineer, ECM Administrator
 11/28/2018 5:39:13 PM
 Date

Approved by El Paso County Engineer / ECM Administrator _____