

2023 Financial Assurance Estimate Form
(with pre-plat construction)

Per Sht C1.22, rock check dams will be utilized. Please estimate a quantity. Or is this included in the qty for wattles since the Sht note says that they can be substituted for check dams? This is per my Review #1 comment on Sht C1.23 of the CDs.

Updated: 12/8/2022

PROJECT INFORMATION		
Winsome Filing No. 3-Final Plat	3/10/2023	SF-22-009
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)						
Earthwork						
less than 1,000; \$5,300 min		CY	\$ 8.00	= \$ -		\$ -
1,000-5,000; \$8,000 min		CY	\$ 6.00	= \$ -		\$ -
5,001-20,000; \$30,000 min		CY	\$ 5.00	= \$ -		\$ -
20,001-50,000; \$100,000 min		CY	\$ 3.50	= \$ -		\$ -
50,001-200,000; \$175,000 min	90,985	CY	\$ 2.50	= \$ 227,462.50		\$ 227,462.50
greater than 200,000; \$500,000 min		CY	\$ 2.00	= \$ -		\$ -
Permanent Erosion Control Blanket	13,193.0	SY	\$ 8.00	= \$ 105,544.00		\$ 105,544.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	22.0	AC	\$ 1,875.00	= \$ 41,250.00		\$ 41,250.00
Permanent Pond/BMP (Outlet Structure and Micropool)	4	EA	\$ 26,625.00	= \$ 106,500.00		\$ 106,500.00
Permanent Pond/Trickle Channel	780	LF	\$ 50.00	= \$ 39,000.00		\$ 39,000.00
Permanent Pond/Emergency Spillway	337	CY	\$ 116.00	= \$ 39,092.00		\$ 39,092.00
Permanent Pond/Maintenance Road	158	CY	\$ 56.00	= \$ 8,848.00		\$ 8,848.00
Permanent Pond/Concrete Forebay	1	EA	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
Concrete Washout Basin	1	EA	\$ 1,089.00	= \$ 1,089.00		\$ 1,089.00
Inlet Protection	14	EA	\$ 202.00	= \$ 2,828.00		\$ 2,828.00
Rock Check Dam		EA	\$ 605.00	= \$ -		\$ -
Safety Fence		LF	\$ 3.00	= \$ -		\$ -
Sediment Basin	4	EA	\$ 2,132.00	= \$ 8,528.00		\$ 8,528.00
Sediment Trap		EA	\$ 500.00	= \$ -		\$ -
Silt Fence	11,287	LF	\$ 3.00	= \$ 33,861.00		\$ 33,861.00
Slope Drain		LF	\$ 40.00	= \$ -		\$ -
Straw Bale		EA	\$ 31.00	= \$ -		\$ -
Straw Wattle/Rock Sock	4,300	LF	\$ 7.00	= \$ 30,100.00		\$ 30,100.00
Surface Roughening		AC	\$ 250.00	= \$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 8.00	= \$ -		\$ -
Temporary Seeding and Mulching		AC	\$ 1.66	= \$ -		\$ -
Vehicle Tracking Control	2	EA	\$ 2,860.00	= \$ 5,734.00		\$ 5,734.00
Rock Sill	5	EA	\$ 5,000.00	= \$ 25,000.00		\$ 25,000.00
Rock Chutes	5	EA	\$ 18,000.00	= \$ 90,000.00		\$ 90,000.00
18" Reinforced Concrete Pipe	39	LF	\$ 70.00	= \$ 2,730.00		\$ 2,964.00
36" Reinforced Concrete Pipe	107	LF	\$ 14.00	= \$ 1,498.00		\$ 14,980.00
42" Reinforced Concrete Pipe	96	LF	\$ 18.00	= \$ 1,728.00		\$ 17,952.00
48" Reinforced Concrete Pipe	64	LF	\$ 23.00	= \$ 1,472.00		\$ 14,592.00
18" Flared End Section (FES) RCP	1	EA	\$ 45.00	= \$ 45.00		\$ 456.00
36" Flared End Section (FES) RCP	1	EA	\$ 84.00	= \$ 84.00		\$ 840.00
42" Flared End Section (FES) RCP	1	EA	\$ 1,122.00	= \$ 1,122.00		\$ 1,122.00
48" Flared End Section (FES) RCP	1	EA	\$ 1,368.00	= \$ 1,368.00		\$ 1,368.00
Rip Rap, d50 size from 6" to 24"	162.0	TON	\$ 97.00	= \$ 15,714.00		\$ 15,714.00
MAINTENANCE (35% of Construction BMPs)				= \$ 68,617.85		\$ 68,617.85
Section 1 Subtotal				= \$ 913,442.35		\$ 913,442.35

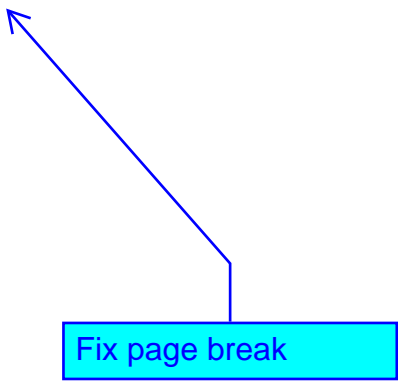
EGP-215 FAE shows 13 rock sills and 6 rock chutes. Revise quantities to match minimum amounts of EGP.

SECTION 2 - PUBLIC IMPROVEMENTS *

Construction Traffic Control		LS		= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)	5,374.0	CY	\$ 61.00	= \$ 327,814.00		\$ 327,814.00
Asphalt Pavement (3" thick)	31,266.0	SY	\$ 17.00	= \$ 531,522.00		\$ 531,522.00
Asphalt Pavement (4" thick)		SY	\$ 23.00	= \$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 35.00	= \$ -		\$ -
Asphalt Pavement (147 lbs/cf) ___ thick		Tons	\$ 106.00	= \$ -		\$ -
Raised Median, Paved		SF	\$ 10.00	= \$ -		\$ -
Regulatory Sign/Advisory Sign	1.0	EA	\$ 364.00	= \$ 364.00		\$ 364.00
Guide/Street Name Sign	2.0	EA	\$ 215.00	= \$ 430.00		\$ 430.00
Epoxy Pavement Marking		SF	\$ 16.00	= \$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 28.00	= \$ -		\$ -
Barricade - Type 3		EA	\$ 241.00	= \$ -		\$ -
Delineator - Type 1		EA	\$ 29.00	= \$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 35.00	= \$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 35.00	= \$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 35.00	= \$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 58.00	= \$ -		\$ -
5" Sidewalk		SY	\$ 72.00	= \$ -		\$ -
6" Sidewalk		SY	\$ 87.00	= \$ -		\$ -
8" Sidewalk		SY	\$ 116.00	= \$ -		\$ -
Pedestrian Ramp		EA	\$ 1,390.00	= \$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 73.00	= \$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 111.00	= \$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 1,790.00	= \$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 60.00	= \$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 87.00	= \$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,538.00	= \$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,556.00	= \$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 95.00	= \$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 97.00	= \$ -		\$ -

PROJECT INFORMATION							
Winsome Filing No. 3-Final Plat	3/10/2023			SF-22-009			
Project Name	Date			PCD File No.			

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
Electrical Conduit, Size =		LF	\$ 20.00	=	\$ -		\$ -



PROJECT INFORMATION			
Winsome Filing No. 3-Final Plat	3/10/2023	SF-22-009	
Project Name	Date	PCD File No.	

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
Traffic Signal, (provide engineer's estimate)		EA		\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>						
Concrete Box Culvert (M Standard), Size (12' x 7')		LF	\$ 950.00			
18" Reinforced Concrete Pipe		LF	\$ 76.00			
24" Reinforced Concrete Pipe		LF	\$ 91.00			
30" Reinforced Concrete Pipe		LF	\$ 114.00			
36" Reinforced Concrete Pipe		LF	\$ 140.00			
42" Reinforced Concrete Pipe		LF	\$ 187.00			
48" Reinforced Concrete Pipe		LF	\$ 228.00			
54" Reinforced Concrete Pipe		LF	\$ 297.00			
60" Reinforced Concrete Pipe		LF	\$ 348.00			
66" Reinforced Concrete Pipe		LF	\$ 402.00			
72" Reinforced Concrete Pipe		LF	\$ 460.00			
18" Corrugated Steel Pipe		LF	\$ 98.00			
24" Corrugated Steel Pipe			\$ 112.00			
30" Corrugated Steel Pipe			\$ 143.00			
36" Corrugated Steel Pipe			\$ 171.00			
42" Corrugated Steel Pipe			\$ 197.00			
48" Corrugated Steel Pipe			\$ 207.00			
54" Corrugated Steel Pipe			\$ 304.00			
60" Corrugated Steel Pipe			\$ 328.00	= \$ -		\$ - *
66" Corrugated Steel Pipe			\$ 397.00	= \$ -		\$ - *
72" Corrugated Steel Pipe			\$ 467.00	= \$ -		\$ - *
78" Corrugated Steel Pipe			\$ 537.00	= \$ -		\$ - *
84" Corrugated Steel Pipe		LF	\$ 642.00	= \$ -		\$ - *
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		= \$ -		\$ - *
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		\$ -		\$ -
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		\$ -		\$ -
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		\$ -		\$ -
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		\$ -		\$ - *
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		= \$ -		\$ - *
End Treatment- Headwall		EA		= \$ -		\$ - *
End Treatment- Wingwall		EA		= \$ -		\$ - *
End Treatment - Cutoff Wall		EA		= \$ -		\$ - *
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,703.00	= \$ -		\$ - *
Curb Inlet (Type R) L=5', 5'≤ Depth < 10'		EA	\$ 8,715.00	= \$ -		\$ - *
Curb Inlet (Type R) L =5', 10'≤ Depth < 15'		EA	\$ 10,092.00	= \$ -		\$ - *
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 9,224.00	= \$ -		\$ - *
Curb Inlet (Type R) L =10', 5'≤ Depth < 10'		EA	\$ 9,507.00	= \$ -		\$ - *
Curb Inlet (Type R) L =10', 10'≤ Depth < 15'		EA	\$ 11,901.00	= \$ -		\$ - *
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 11,995.00	= \$ -		\$ - *
Curb Inlet (Type R) L =15', 5'≤ Depth < 10'		EA	\$ 12,858.00	= \$ -		\$ - *
Curb Inlet (Type R) L =15', 10'≤ Depth < 15'		EA	\$ 14,061.00	= \$ -		\$ - *
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 12,783.00	= \$ -		\$ - *
Curb Inlet (Type R) L =20', 5'≤ Depth < 10'		EA	\$ 14,109.00	= \$ -		\$ - *
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,611.00	= \$ -		\$ - *
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,931.00	= \$ -		\$ - *
Storm Sewer Manhole, Box Base		EA	\$ 14,061.00	= \$ -		\$ - *
Storm Sewer Manhole, Slab Base		EA	\$ 7,734.00	= \$ -		\$ - *
Geotextile (Erosion Control)		SY	\$ 8.00	= \$ -		\$ - *
Rip Rap, d50 size from 6" to 24"		Tons	\$ 97.00	= \$ -		\$ - *
Rip Rap, Grouted		Tons	\$ 115.00	= \$ -		\$ - *
Drainage Channel Construction, Size (W x H)		LF	\$ -	= \$ -		\$ - *
Drainage Channel Lining, Concrete		CY	\$ 689.00	= \$ -		\$ - *
Drainage Channel Lining, Rip Rap		CY	\$ 135.00	= \$ -		\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,776.00	= \$ -		\$ - *
Drainage Channel Lining, Other Stabilization				= \$ -		\$ - *
<i>[insert items not listed but part of construction plans]</i>						

Update section to include all storm improvements that are going to be maintained by EPC.

Include all improvements in the Final Plat (SF229) Financial Assurance Estimate which includes items collateralized with the Early Grading and standalone bridge plans.

At plat recordation the collateral held with early grading is released and a new collateral based on SF229 Financial Estimate is collected reflecting "% complete" from pre-plat construction.

PROJECT INFORMATION									
Winsome Filing No. 3-Final Plat	3/10/2023			SF-22-009					
Project Name	Date			PCD File No.					
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)			
						% Complete	Remaining		
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained (Maximum of 80% COMPLETE ALLOWED)					Section 2 Subtotal	=	\$ 860,130.00		\$ 860,130.00
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**									
15' Wide, 6" Deep Aggregate Maintenance Path	1,070	CY	\$ 61.00	=	\$ 65,270.00		\$ 65,270.00		
6" Trail	109	CY	\$ 61.00	=	\$ 6,649.00		\$ 6,649.00		
				=	\$ -		\$ -		
				=	\$ -		\$ -		
				=	\$ -		\$ -		
				=	\$ -		\$ -		
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)									
				=	\$ -		\$ -		
				=	\$ -		\$ -		
				=	\$ -		\$ -		
				=	\$ -		\$ -		
				=	\$ -		\$ -		
WATER SYSTEM IMPROVEMENTS									
Water Main Pipe (PVC), Size 8"		LF	\$ 78.00	=	\$ -		\$ -		
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 91.00	=	\$ -		\$ -		
Gate Valves, 8"		EA	\$ 2,247.00	=	\$ -		\$ -		
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,978.00	=	\$ -		\$ -		
Water Service Line Installation, inc. tap and valves		EA	\$ 1,601.00	=	\$ -		\$ -		
Fire Cistern Installation, complete	1	EA	\$ 35,000.00	=	\$ 35,000.00		\$ 35,000.00		
				=	\$ -		\$ -		
<i>[insert items not listed but part of construction plans]</i>									
				=	\$ -		\$ -		
SANITARY SEWER IMPROVEMENTS									
Sewer Main Pipe (PVC), Size 8"		LF	\$ 78.00	=	\$ -		\$ -		
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,305.00	=	\$ -		\$ -		
Sanitary Service Line Installation, complete		EA	\$ 1,696.00	=	\$ -		\$ -		
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -		
				=	\$ -		\$ -		
<i>[insert items not listed but part of construction plans]</i>									
				=	\$ -		\$ -		
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)									
		EA		=	\$ -		\$ -		
		EA		=	\$ -		\$ -		
		EA		=	\$ -		\$ -		
		EA		=	\$ -		\$ -		
		EA		=	\$ -		\$ -		

PROJECT INFORMATION		
Winsome Filing No. 3-Final Plat	3/10/2023	SF-22-009
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)		
					% Complete	Remaining	
** - Section 3 is not subject to defect warranty requirements							
Section 3 Subtotal				= \$	106,919.00		\$ 106,919.00
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 20,000.00	= \$	20,000.00		\$ 20,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 15,000.00	= \$	15,000.00		\$ 15,000.00
Total Construction Financial Assurance							\$ 1,915,491.35
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)							\$ 1,915,491.35
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance							\$ 268,177.30
(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 Grading and Erosion Control Plan and Construction Drawings associated with the Project.

 Engineer (P.E. Seal Required)

 Approved by Owner / Applicant

 Approved by El Paso County Engineer / ECM Administrator

 Date

 Date