

Please use the 2023 FAE Form

2022 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 12/22/2020

PROJECT INFORMATION		
Sterling Recycling Facility Grading	11/12/2022	PPR 22-41
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		CY	\$ 2.50	=	\$ -		\$ -
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -
* Permanent Seeding (inc. noxious weed mgmnt.)		AC	\$ 886.00	=	\$ -		\$ -
* Mulching		AC	\$ 831.00	=	\$ -		\$ -
* Permanent Erosion Control Blanket		SY	\$ 7.00	=	\$ -		\$ -
* Permanent Pond/BMP Construction		CY	\$ 22.00	=	\$ -		\$ -
* Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Vehicle Tracking Control		EA	\$ 2,625.00	=	\$ -		\$ -
Silt Fence	3,680	LF	\$ 3.00	=	\$ 11,040.00		\$ 11,040.00
Temporary Seeding		AC	\$ 695.00	=	\$ -		\$ -
Temporary Mulch		AC	\$ 831.00	=	\$ -		\$ -
Erosion Bales		EA	\$ 28.00	=	\$ -		\$ -
Erosion Logs/Straw Waddle		LF	\$ 6.00	=	\$ -		\$ -
Rock Check Dams		EA	\$ 554.00	=	\$ -		\$ -
Inlet Protection		EA	\$ 185.00	=	\$ -		\$ -
Sediment Basin		EA	\$ 1,952.00	=	\$ -		\$ -
Concrete Washout Basin		EA	\$ 997.00	=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)						\$ 3,864.00	\$ 3,864.00
Section 1 Subtotal						\$ 14,904.00	\$ 14,904.00

Revise silt fence quantity per conversation with stormwater engineering

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 31.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf) (8" thick)		CY	\$ 56.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 16.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 21.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 32.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) _" thick		Tons	\$ 97.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 9.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign		EA	\$ 333.00	=	\$ -		\$ -
Guide/Street Name Sign		EA	\$ 200.00	=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 15.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 26.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 221.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 27.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 32.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 53.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 66.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 80.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 106.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,273.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 67.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 102.00	=	\$ -		\$ -
Curb Chase		EA	\$ 1,639.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 55.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 80.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,324.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,172.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 87.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 89.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 18.00	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 470,666	=	\$ -		\$ -

PROJECT INFORMATION

Sterling Recycling Facility Grading **11/12/2022** **PPR 22-41**
Project Name **Date** **PCD File No.**

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
Flared End Section (FES) RCP Size = 18" <i>(unit cost = 6x pipe unit cost)</i>		EA	\$ 402.00	=	\$ -		\$ -	
Flared End Section (FES) RCP Size = 36" <i>(unit cost = 6x pipe unit cost)</i>		EA	\$ 744.00	=	\$ -		\$ -	
Drainage Channel Lining, Rip Rap 6" depth		CY	\$ 116.00	=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
WATER SYSTEM IMPROVEMENTS								
Water Main Pipe (PVC), Size 8"		LF	\$ 71.00	=	\$ -		\$ -	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83.00	=	\$ -		\$ -	
Gate Valves, 8"		EA	\$ 2,058.00	=	\$ -		\$ -	
Fire Hydrant Assembly, w/ all valves (3 valves/FH)		EA	\$ 7,306.00	=	\$ -		\$ -	
Water Service Line Installation, inc. tap and valves		EA	\$ 1,466.00	=	\$ -		\$ -	
Fire Cistern Installation, complete		EA		=	\$ -		\$ -	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"		LF	\$ 71.00	=	\$ -		\$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,858.00	=	\$ -		\$ -	
Sanitary Service Line Installation, complete		EA	\$ 1,553.00	=	\$ -		\$ -	
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
LANDSCAPING IMPROVEMENTS <i>(For subdivision specific condition of approval, or PUD)</i>								
		SF		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
** - Section 3 is not subject to defect warranty requirements				=	\$ -		\$ -	
Section 3 Subtotal					=	\$ -		\$ -

AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)	LS	\$ 5,000.00	=	\$ 5,000.00	\$ 5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)	LS		=	\$ -	\$ -

Total Construction Financial Assurance \$ 19,904.00

(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 19,904.00

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

Total Defect Warranty Financial Assurance \$ -

(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.

Sign and stamp FAE (engineer and developer)

 Engineer (P.E. Seal Required)

 Approved by Owner / Applicant

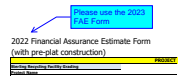
 Date

 Approved by El Paso County Engineer / ECM Administrator

 Date

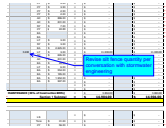
V2_Financial Assurance Forms.pdf Markup Summary

Callout (2)



Subject: Callout
Page Label: 1
Author: Carlos
Date: 2/28/2023 4:14:11 PM

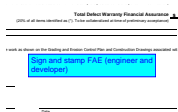
Please use the 2023 FAE Form



Subject: Callout
Page Label: 1
Author: Carlos
Date: 2/28/2023 4:14:47 PM

Revise silt fence quantity per conversation with stormwater engineering

Text Box (1)



Subject: Text Box
Page Label: 3
Author: Carlos
Date: 2/28/2023 4:15:13 PM

Sign and stamp FAE (engineer and developer)