

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.					

				Unit			(with Pr	e-Plat Constructi	ion)
escription	Quantity	Units		Cost		Total	% Complete	Remaini	ing
ECTION 1 - GRADING AND EROSION CONT	ROL (Construction	and Perma	nent l	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			=	\$ -		\$	
<u> </u>		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	=	\$ 11,040.0	00	\$ 1	11,040
Temporary Seeding	,	AC	\$	695.00	=	<u> </u>			<u> </u>
Temporary Mulch		AC	\$	831.00	=	Revise silt	fence qua	antity per	
Erosion Bales		EA	\$	28.00	=				
Erosion Logs/Straw Waddle		LF	\$	6.00	=	conversation	on with sto	ormwater	
Rock Check Dams		EA	\$	554.00	=	engineering	n		
Inlet Protection		EA	\$	185.00	=	chighreening	9		
Sediment Basin		EA	\$	1,952.00	=	\$ -		\$	_
Concrete Washout Basin		EA	\$	997.00	=	\$ -		\$	
					=	\$ -		\$	
[insert items not listed but part of construction plans]					=	\$ -		\$	
	MAINTENANCE (3	5% of Con	structi	ion BMPs)	=	\$ 3,864.0	00	\$	3,864
Subject to defect warranty financial assurance. A minimum of 20% shall b	e	Sec	tion 1	1 Subtotal	=	\$ 14,904.0	0	\$ 14.9	904.0

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	=	\$ -	\$	-	k
Guardrail Type 3 (W-Beam)	LF	\$ 55.00	=	\$ -	\$	-	×
Guardrail Type 7 (Concrete)	LF	\$ 80.00	=	\$ -	\$	-	*
Guardrail End Anchorage	EA	\$ 2,324.00	=	\$ -	\$	-	k
Guardrail Impact Attenuator	EA	\$ 4,172.00	=	\$ -	\$	-	*
Sound Barrier Fence (CMU block, 6' high)	LF	\$ 87.00		\$ -	\$	-	k
Sound Barrier Fence (panels, 6' high)	LF	\$ 89.00	=	\$ -	\$	-	k
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.					

escription	Quantity	Units		Unit Cost		Total	% Complete	re-Plat Construction Remainii	-
scription	Quantity	Units		Cost	=	\$	- Complete	\$	iig
insert items not listed but part of construction plans]						\$	-	\$	
ORM DRAIN IMPROVEMENTS						Ψ		Ψ	
<u> </u>								-	
Concrete Box Culvert (M Standard), Size (W x H)		LF			=	\$	-	\$	
18" Reinforced Concrete Pipe		LF	\$	70.00	=	\$	-	\$	
24" Reinforced Concrete Pipe		LF	\$	83.00	=	\$	-	\$	_
30" Reinforced Concrete Pipe		LF	\$	104.00	=	\$	-	\$	
36" Reinforced Concrete Pipe		LF	\$	128.00	=	\$	-	\$	
42" Reinforced Concrete Pipe		LF	\$	171.00	=	\$	-	\$	
48" Reinforced Concrete Pipe		LF	\$	209.00	=	\$	-	\$	
54" Reinforced Concrete Pipe		LF	\$	272.00	=	\$	-	\$	
60" Reinforced Concrete Pipe		LF	\$	319.00	=	\$	-	\$	
66" Reinforced Concrete Pipe		LF	\$	368.00	=	\$	-	\$	
72" Reinforced Concrete Pipe		LF	\$	421.00	=	\$	-	\$	
18" Corrugated Steel Pipe		LF	\$	90.00	=	\$	-	\$	
24" Corrugated Steel Pipe		LF	\$	103.00	=	\$	-	\$	
30" Corrugated Steel Pipe		LF	\$	131.00	=	\$	-	\$	
36" Corrugated Steel Pipe		LF	\$	157.00	=	\$	-	\$	
42" Corrugated Steel Pipe		LF	\$	180.00	=	\$	-	\$	
48" Corrugated Steel Pipe		LF	\$	190.00	=	\$	-	\$	
54" Corrugated Steel Pipe		LF	\$	278.00	=	\$	-	\$	
60" Corrugated Steel Pipe		LF	\$	300.00	=	\$	-	\$	
66" Corrugated Steel Pipe		LF	\$	364.00	=	\$	-	\$	
72" Corrugated Steel Pipe		LF	\$	428.00	=	\$	-	\$	
78" Corrugated Steel Pipe		LF	\$	492.00	=	\$	-	\$	
84" Corrugated Steel Pipe		LF	\$	588.00	=	\$	-	\$	
Flared End Section (FES) RCP Size =					=	\$	_	\$	
(unit cost = 6x pipe unit cost)		EA				7	_	7	
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'		EA	\$	6,138.00		\$	_	\$	
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$	7,981.00		\$	-	\$	
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$	9,242.00		\$	-	\$	
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$	8,447.00	=	\$	-	\$	
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$	8,706.00	=	\$	-	\$	
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$	10,898.00	=	\$	-	\$	
Curb Inlet (Type R) L =15',		EA	\$	10,984.00	=	\$	-	\$	
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$	11,775.00		\$	_	\$	
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$	12,876.00		\$	_	\$	
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$	11,706.00		\$	-	\$	
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$	12,920.00		\$	-	\$	
Grated Inlet (Type C), Depth < 5'		EA	\$	5,138.00		\$	-	\$	
Grated Inlet (Type O), Depth < 5'		EA	\$	6,347.00		\$	-	\$	
Storm Sewer Manhole, Box Base		EA	\$	12,876.00		\$	-	\$	
Storm Sewer Manhole, Slab Base		EA	\$	7.082.00		\$	-	\$	
Geotextile (Erosion Control)		SY	\$	7.00		\$	-	\$	
Rip Rap, d50 size from 6" to 24"		Tons	\$	89.00		\$	-	\$	
Rip Rap, Grouted		Tons	\$	105.00		\$	-	\$	
Drainage Channel Construction, Size (W x H)		LF	Ψ	100.00		\$	-	\$	
Drainage Channel Lining, Concrete		CY	\$	631.00		\$	-	\$	
Drainage Channel Lining, Rip Rap		CY	\$	124.00		\$	-	\$	
Drainage Channel Lining, Kip Kap Drainage Channel Lining, Grass		AC	\$	1,626.00		\$	-	\$	
Drainage Channel Lining, Other Stabilization		۸٥	Ψ	1,020.00		\$	-	\$	
5.a.a.go Onamor Emmy, Outor Otabilization						\$	-	\$	
[insert items not listed but part of construction plans]						\$	-	\$	
prison norms not iisteu put part Ur CUNStruCtiOn planS[0	tion '	2 Subtotal	=	\$ -		\$	
Subject to defect warranty financial assurance. A minimum of 20% shall be									-

					=	\$ -	\$	-
					=	\$ -	\$	-
					=	\$ -	\$	-
					=	\$ -	\$	-
					=	\$ -	\$	-
STORM DRAIN IMPROVEMENTS (Excepti	on: Permanent Pon	d/BMP shall b	e itemiz	zed under S	Section 1)			
18" Reinforced Concrete Pipe		LF	\$	67.00	=	\$ -	\$	-
48" Reinforced Concrete Pipe		LF	\$	202.00	=	\$ -	\$	-
36" Reinforced Concrete Pipe		LF	\$	124.00	=	\$ -	\$	-

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

Project Name			Dat	e				PCD File No.		
				Unit				· •	Plat Co	nstruction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
Flared End Section (FES) RCP Size = 18" (unit cost = 6x pipe unit cost)		EA	\$	402.00	=	\$	-		\$	-
Flared End Section (FES) RCP Size = 36" (unit cost = 6x pipe unit cost)		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			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
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	1	1,000.00	=	\$	_		\$	_
camary constraint station, complete					=	\$			\$	
[insert items not listed but part of construction plans]						\$			\$	
	or subdivision sp	ecific condition	n of an	proval or PU		Ψ			Ψ	
	or oubdivision op	SF	Погир	provai, or r c	=	\$			\$	
		EA				\$			\$	
		EA				\$			\$	
		EA							\$	
		EA				\$			\$	
** - Section 3 is not subject to defect warranty requirements			tion 2	Cubtotal		\$				
- Section 3 is not subject to defect warranty requirements		Sec	tion 3	Subtotal		\$	-		\$	
AS-BUILT PLANS (Public Improvements inc. Permanent WQ	CV RMPs)	LS	\$	5.000.00	=	\$	5,000.00		\$	5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume cale		LS	Ψ	0,000.00		\$	5,000.00		\$	0,000.00
POND/BINE CERTIFICATION (Inc. elevations and volume can	cuiations	LO				. P		-	Ψ	
					Tota	I Construc	tion Financia	I Assurance	\$	19,904.00
			(5	Sum of all sec			uilts and pond/BI	-	-	25/50 1100
			(•	Juin of all soc	Alon Subto	idio pido do b	anto ana pona, bi	vii oortiiloation)		
	Total Rem	naining Co	nstruc	tion Finar	icial Ass	urance (w	ith Pre-Plat C	onstruction)	¢	19,904.00
		•				•	uilts and pond/BI	´ =	Ψ	13,304.00
	(Sulli 0	ו מוו סכטוטוו ונ	nais ies	oo oreun ioi il	ema compi	ere hins as-n	unto anu ponu/bi	vii certification)		
					Total D	ofact Warr	anty Einanaia	I Assurance	+	
		(000) -4 "					-	=	₹	
		(20% of all i	tems id	ientified as (*). 10 be co	ilateralized a	t time of prelimina	ary 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)

Please use the 2023
FAE Form

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

PARCET

THE MERCET PROPERTY STATES

THE MER

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)