

2024 Financial Assurance Estimate Form
(with pre-plat construction)

ALL TERRAIN NOTE: LOT 1 STERLING RECYCLING FACILITY (AKA RHETORIC SELF STORAGE) ALREADY HAS AN APPROVED/ACTIVE ESQCP AND CORRESPONDING FAE FROM SF2325. THE SDP OF RHETORIC SELF STORAGE DOES NOT PROPOSE ANY MODIFICATIONS TO THE APPROVED FAE. THIS IS BEING SUBMITTED FOR REFERENCE.

Updated: 10/2023

STERLING RECYCLING FACILITY
Project Name

SF2325

SECTION 1 - GRADING AND EROSION CONTROL (Construction and Plat Construction)

LOT 1 WILL NOT PURSUE A STANDALONE ESQCP TO SEPARATE FROM THE COMBINED LOT 1 AND LOT 2 ACTIVE ESQCP. THEREFORE, FAE NOT WARRANTED. THIS HAS BEEN DISCUSSED WITH GLENN REESE AT EPC STORMWATER

Plat Construction) Remaining

Description	Quantity	Unit						
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Plat Construction)								
Earthwork								
less than 1,000; \$5,300 min		CY						\$ -
1,000-5,000; \$8,000 min		CY						\$ -
5,001-20,000; \$30,000 min	13,237	CY						\$ 66,185.00
20,001-50,000; \$100,000 min		CY						\$ -
50,001-200,000; \$175,000 min		CY		2.50	=	\$ -		\$ -
greater than 200,000; \$500,000 min		CY		2.00	=	\$ -		\$ -
Permanent Erosion Control Blanket	738.0	SY		9.00	=	\$ 6,642.00		\$ 6,642.00
Permanent Seeding (inc. noxious weed mgmt.) & Mulching	34.5	AC		2,018.00	=	\$ 69,621.00		\$ 69,621.00
Permanent Pond/BMP (provide engineer's estimate)	1.	EA		174,077.00	=	\$ 174,077.00		\$ 174,077.00
Concrete Washout Basin	1.	EA		1,172.00	=	\$ 1,172.00		\$ 1,172.00
Inlet Protection	6.	EA		217.00	=	\$ 1,302.00		\$ 1,302.00
Rock Check Dam	21.	EA		651.00	=	\$ 13,671.00		\$ 13,671.00
Safety Fence	2936.	LF		3.00	=	\$ 8,808.00		\$ 8,808.00
Sediment Basin	4.	EA		2,294.00	=	\$ 9,176.00		\$ 9,176.00
Sediment Trap		EA		538.00	=	\$ -		\$ -
Silt Fence	3290.	LF		3.00	=	\$ 9,870.00		\$ 9,870.00
Slope Drain		LF		43.00	=	\$ -		\$ -
Straw Bale		EA		33.00	=	\$ -		\$ -
Straw Wattle/Rock Sock		LF		8.00	=	\$ -		\$ -
Surface Roughening		AC		269.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY		3.00	=	\$ -		\$ -
Temporary Seeding and Mulching		AC		1,793.00	=	\$ -		\$ -
Vehicle Tracking Control	1.	EA		3,085.00	=	\$ 3,085.00		\$ 3,085.00
Outlet Protection	1.	EA		202.00	=	\$ 202.00		\$ 202.00
<i>[insert items not listed but part of construction plans]</i>								
				MAINTENANCE (35% of Construction BMPs)		=	\$ 16,139.90	\$ 16,139.90
				Section 1 Subtotal		=	\$ 379,950.90	\$ 379,950.90

* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS								
Construction Traffic Control	1.	LS		5,000.00	=	\$ 5,000.00		\$ 5,000.00
Aggregate Base Course (135 lbs/cf)		Tons		37.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	547.	CY		66.00	=	\$ 36,102.00		\$ 36,102.00
Asphalt Pavement (3" thick)		SY		18.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)	3275.	SY		25.00	=	\$ 81,875.00		\$ 81,875.00
Asphalt Pavement (6" thick)		SY		38.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) ___" thick		Tons		114.00	=	\$ -		\$ -
Raised Median, Paved		SF		11.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	1.	EA		392.00	=	\$ 392.00		\$ 392.00
Guide/Street Name Sign	2.	EA		392.00	=	\$ 784.00		\$ 784.00
Epoxy Pavement Marking	2430.	SF		17.00	=	\$ 41,310.00		\$ 41,310.00
Thermoplastic Pavement Marking	70.	SF		30.00	=	\$ 2,100.00		\$ 2,100.00
Barricade - Type 3		EA		259.00	=	\$ -		\$ -
Delineator - Type I		EA		31.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	968.	LF		38.00	=	\$ 36,784.00		\$ 36,784.00
Curb and Gutter, Type B (Median)		LF		38.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF		38.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY		62.00	=	\$ -		\$ -
5" Sidewalk		SY		77.00	=	\$ -		\$ -
6" Sidewalk		SY		94.00	=	\$ -		\$ -
8" Sidewalk		SY		125.00	=	\$ -		\$ -
Pedestrian Ramp		EA		1,496.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF		79.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF		119.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA		1,926.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF		65.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF		94.00	=	\$ -		\$ -
Guardrail End Anchorage		EA		2,731.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA		4,902.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF		102.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF		104.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF		22.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA			=	\$ -		\$ -

PROJECT INFORMATION							
STERLING RECYCLING FACILITY	5/3/2024			SF2325			
Project Name	Date			PCD File No.			
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
[insert items not listed but part of construction plans]				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		LF	\$ 82.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 98.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 123.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 151.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 201.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 320.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 374.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 433.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 495.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 105.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 121.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 154.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 212.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 223.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 327.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 353.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 427.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 502.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 578.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 691.00	=	\$ -		\$ -
Hard End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$ -
Hard 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	\$ 7,212.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 9,377.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 10,859.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 9,925.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 10,230.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 12,805.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 12,907.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 13,835.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 15,130.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 13,755.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 15,181.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 15,130.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 9.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 104.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 124.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 741.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 145.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,911.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Section 2 Subtotal					=	\$ 204,347.00	\$ 204,347.00

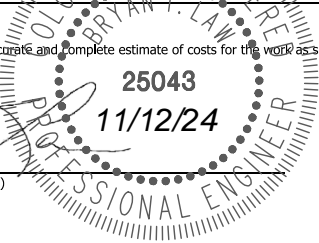
* - Subject to defect warranty financial assurance, A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

PROJECT INFORMATION		
STERLING RECYCLING FACILITY	5/3/2024	SF2325
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)			\$ 5,000.00	= \$ 5,000.00	\$	5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 6,000.00	= \$ 6,000.00	\$	6,000.00
Total Construction Financial Assurance					\$	1,246,847.85
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)					\$	1,246,847.85
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance					\$	104,174.40
(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)

 Date

 Approved by Owner / Applicant

 Approved by El Paso County Engineer / ECM Administrator

 Date

 Date