## 2023 Financial Assurance Estimate Form

## (with pre-plat construction)

	PROJE	CT INFO	RMATION					
JDA Constitution Ave Self Storage			6/15/2023					
Project Name			Date			PCD File No.		
			Unit			•	-Plat Co	instruction)
Description	Quantity	Units	Cost		Total	% Complete	F	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Cor	nstruction and Perma	anent BMF	vs)					
Earthwork								
5,001-20,000; \$30,000 min (FILL)	8,718	CY	\$ 5.00	=	\$ 43,591.50		\$	43,591.50
Permanent Erosion Control Blanket	425.3	SY	\$ 8.00	=	\$ 3,402.40		\$	3,402.40
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	1.0	AC	\$ 1,875.00	=	\$ 1,782.19		\$	1,782.19
Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 156,907.30	=	\$ 156,907.30		\$	156,907.30
Concrete Washout Basin	1	EA	\$ 1,089.00	=	\$ 1,089.00		\$	1,089.00
Inlet Protection	4	EA	\$ 202.00	=	\$ 808.00		\$	808.00
Rock Check Dam	10	EA	\$ 605.00	=	\$ 6,050.00		\$	6,050.00
Safety Fence	1,023	LF	\$ 3.00	=	\$ 3,069.90		\$	3,069.90
Temporary Sediment Basin	1	EA	\$ 2,132.00	=	\$ 2,132.00		\$	2,132.00
Sediment Trap	2	EA	\$ 500.00	=	\$ 1,000.00		\$	1,000.00
Silt Fence	810	LF	\$ 3.00	=	\$ 2,428.80		\$	2,428.80
Straw Wattle/Rock Sock	36	LF	\$ 7.00	=	\$ 252.00		\$	252.00
Surface Roughening	2.1	AC	\$ 250.00	=	\$ 525.00		\$	525.00
Temporary Erosion Control Blanket	425.3	SY	\$ 3.00	=	\$ 1,275.90		\$	1,275.90
Temporary Seeding and Mulching	1.0	AC	\$ 1,666.00	=	\$ 1.583.53		\$	1,583.53
Vehicle Tracking Control	1	EA	\$ 2,867.00	=	\$ 2.867.00		\$	2,867.00
					,			
N	AINTENANCE (35%	of Constr	uction BMPs)	=	\$ 7,697.25		\$	7,697.25
- Subject to defect warranty financial assurance. A minimum of 20% shall be retained u	until	Sectio	n 1 Subtotal	=	\$ 236,461.77		\$	236,461.77

## ROADWAY IMPROVEMENTS

Construction Traffic Control		LS		=	\$ -	\$ -
Asphalt Pavement (3" thick)		SY	\$ 17.00		\$ -	\$ -
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		EA	\$ 364.00	=	\$ -	\$ -
Guide/Street Name Sign		EA		=	\$ -	\$ -
Epoxy Pavement Marking		SF	\$ 16.00	=	\$ -	\$ -
Thermoplastic Pavement Marking		SF	\$ 28.00	=	\$ -	\$ -
Barricade - Type 3		EA	\$ 241.00	=	\$ -	\$ -
Delineator - Type I		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	928.0	SY	\$ 72.00	=	\$ 66,816.00	\$ 66,816.00
6" Sidewalk		SY	\$ 87.00	=	\$ -	\$ -
8" Sidewalk		SY	\$ 116.00		\$ -	\$ -
Pedestrian Ramp	3.0	EA	\$ 1,390.00	=	\$ 4,170.00	\$ 4,170.00
Cross Pan, local (8" thick, 6' wide to include return)	80.0	LF	\$ 73.00	=	\$ 5,840.00	\$ 5,840.00
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	=	\$ -	\$ -
Electrical Conduit, Size =		LF	\$ 20.00	=	\$ -	\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -	\$ -
				=	\$ -	\$ -
[insert items not listed but part of construction plans]				=	\$ -	\$ -

			6/15/2023					
DA Constitution Ave Self Storage roject Name	-			PCD File No.				
oject Name			Date				TOD THE NO.	
			Unit				(with Pre-P	lat Construction)
escription	Quantity	Units	Cost			Total	% Complete	Remaining
TORM DRAIN IMPROVEMENTS								
Concrete Box Culvert (M Standard), Size (W x H) 24" Reinforced Concrete Pipe		LF	\$ 91.00	=	\$	-	\$	
30" Reinforced Concrete Pipe		LF	\$ 114.00	=	\$	-	5	
36" Reinforced Concrete Pipe		LF	\$ 140.00		\$	-	\$	
42" Reinforced Concrete Pipe		LF	\$ 140.00	=	\$	-	\$	
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	=	ŝ		ŝ	
24" Corrugated Steel Pipe		LF	\$ 112.00	=	ŝ		ŝ	
30" Corrugated Steel Pipe		LF	\$ 143.00	=	\$	_	\$	
36" Corrugated Steel Pipe		LF	\$ 171.00	_	\$		ŝ	
42" Corrugated Steel Pipe		LF	\$ 197.00	_	\$		\$	
48" Corrugated Steel Pipe		LF	\$ 207.00	=	ŝ	_	s	_
54" Corrugated Steel Pipe		LF	\$ 304.00	=	s	_	s	_
60" Corrugated Steel Pipe		LF	\$ 328.00	=	ŝ	_	s	_
66" Corrugated Steel Pipe		LF	\$ 397.00	=	ŝ	-	ŝ	-
72" Corrugated Steel Pipe		LF	\$ 467.00	=	ŝ	-	s	-
78" Corrugated Steel Pipe		LF	\$ 537.00	=	ŝ	_	s	_
84" Corrugated Steel Pipe		LF	\$ 642.00	=	ŝ	_	s	_
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		=	\$	_	s	
End Treatment- Wingwall		EA		=	\$	_	s	
End Treatment - Cutoff Wall		EA		=	\$	-	\$	-
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,703.00	=	\$	-	\$	-
Curb Inlet (Type R) L=5', $5' \leq \text{Depth} < 10'$		EA	\$ 8,715.00	=	\$	-	\$	-
Curb Inlet (Type R) L =5', $10' \le \text{Depth} < 15'$		EA	\$ 10,092.00	=	\$	-	\$	-
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 9,224.00	=	\$	-	\$	-
Curb Inlet (Type R) L =10', $5' \leq \text{Depth} < 10'$		EA	\$ 9,507.00	=	\$	-	\$	-
Curb Inlet (Type R) L =10', $10' \le \text{Depth} < 15'$		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', $5' \leq \text{Depth} < 10'$		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				=	\$	-	\$	-
				=	\$	-	\$	-
[insert items not listed but part of construction plans]				=	\$	-	\$	-
- Subject to defect warranty financial assurance. A minimum of 20% shall be retained until		Sectio	n 2 Subtotal	_	\$	76,826.00		\$ 76,826.00

	PROJE	CT INFO								
JDA Constitution Ave Self Storage			6/	15/2023						
Project Name			D	ate				PCD File No.		
				Unit						instruction)
Description	Quantity	Units		Cost			Total	% Complete	F	Remaining
Aggregate Base Course (135 lbs/cf)		CY	\$	61.00	=	\$	-	9		-
Asphalt Pavement (5" thick)		SY	\$	35.00	=	\$	-	2		-
Regulatory Sign/Advisory Sign	3	EA	\$	364.00	=	\$	1,092.00	9	\$	1,092.00
Guide/Street Name Sign	3	EA	\$	364.00	=	\$	1,092.00	5	\$	1,092.00
Thermoplastic Pavement Marking		SF	\$	28.00	=	\$	-	5	\$	-
Curb and Gutter (8" Vertical)		LF	\$	35.00	=	\$	-	5	5	-
5" Sidewalk		SY	\$	72.00	=	\$	-	9	5	-
Pedestrian Ramp		EA	\$	1,390.00	=	\$	-	9	5	-
Curb Opening with Drainage Chase		EA	\$	1,790.00	=	\$	-		\$	-
Cross Pan, 4' wide		LF	\$	73.00		\$	-		5	-
STORM DRAIN IMPROVEMENTS	(Exception: Permanent Pon	d/BMP shall	be it	temized und	er Section	1)				
4" HDPE Pipe	35	LF	\$	18.00	=	\$	633.60		5	633.60
12" HDPE Pipe	32	LF	\$		=	\$	1,675,79			1,675.79
18" HDPE Pipe	125	LF	\$	64.60	=	\$	8.085.34			8,085.34
24" HDPE Pipe	648	LF	\$		=	\$	50,117.39			50,117.39
Curb Inlet (Type R) L =10', Depth < 5'	1	EA	\$		=	\$	9,224.00			9,224.00
Curb Inlet (Type R) L=6', Depth $< 5'$	2	EA	\$		=	\$	13,406.00			13,406.00
Grated Inlet (Type C), Depth < 5'	2	EA		5,611.00	_	\$	11,222.00			11,222.00
Storm Sewer Manhole, Box Base	1	EA		14,061.00	=	\$	14,061.00			14,061.00
Storm Sewer Manhole, Slab Base	2	EA		7,734.00	_	\$	15,468.00			15,468.00
End Treatment- Headwall	3	EA	\$		=	\$	3.144.00			3,144.00
End Treatment- Wingwall	2	EA	\$			\$	110.94			110.94
	2	LA	φ	55.47	=	\$	110.94		Þ	110.94
WATER SYSTEM IMPROVEMENTS										
Water Service Line Installation, inc. tap and valves	2	EA	\$	1,601.00	=	\$	3,202.00	5		3,202.00
water Service Line Installation, inc. tap and valves	2	EA	Þ	1,001.00	=	2	3,202.00		>	3,202.00
SANITARY SEWER IMPROVEMENTS										
	1	EA	¢	1,696.00		\$	1.696.00	5	•	1.696.00
Sanitary Service Line Installation, complete	1	EA	Э	1,090.00	=	\$	1,696.00	3	>	1,696.00
LANDSCAPING IMPROVEMENTS	(Fas sub-division and	alfin and alfin								
LANDSCAFING IMFROVEMENTS	(For subdivision spe		on or	approval, or						
		EA			=	\$	-	5		-
					=	\$	-			-
		EA			=	\$	-	5		-
		EA			=	\$	-	5		-
tt. Operlag Olis ant auklant to defect upper to conference to		EA			=	\$	-	5		-
** - Section 3 is not subject to defect warranty requirements		Sectio	on 3	Subtotal	=	\$	233,291.05		\$	233,291.05
AS-BUILT PLANS (Public Improvements inc. Permanent WQ	,	LS		6,000.00	=	\$	6,000.00	5		6,000.00
POND/BMP CERTIFICATION (inc. elevations and volume cale	culations)	LS	\$	4,000.00	=	\$	4,000.00	9	6	4,000.00

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	PROJ	ECT INFOR	MATION						
JDA Constitution Ave Self Storage		6/15/2023							
Project Name			Date			PCD File No.			
						facility Days DI			
Description	Quantity	Units	Unit Cost		Total	% Complete	at Construction) Remaining		
Description				rial Assura		t Construction) \$			
		•			plus as-builts and pond	, <u> </u>	550,578.82		
	1								
				Total Defe	ct Warranty Finan	cial Assurance §	56,501.88		
	(209	% of all items i	dentified as (*).	To be collate	ralized at time of prelir	minary acceptance)			
Approvals									
	antimate of costs for the work on show	n on the Creat	na and Frasian	Control Dian	and Construction Draw		- Deciset		
I hereby certify that this is an accurate and complete	estimate of costs for the work as shown	n on the Gradi	ng and Erosion	Control Plan	and construction Drav	vings associated with tr	ie Project.		
		12000	Draw						
78851		ORADO	0N 6/3						
18 th at	-	173		•					
0 0	08/09/2023	-P 38	164 2 9	-					
	08/09/2023		0/2023-4						
Engineer (P.E. Seal Required)		SION	L ENGINE						
7.0									
17m #1/m					7/21/20	123			
Approved by Owner / Applicant		-	Date		//21/20	125			
rippieda 2, emili, rippiedite			Dato						
			INTE						
	Approved	2 CO							
Approved by El Paso County Engineer / ECM Adn									
L E	By: Gilbert LaForce, P.E.								
	Engineering Manage	r	7. 180)						
l c	Date: 08/11/2023 2:16:40 P								
	I Paso County Department of Pul								