2024 Financial Assurance Estimate Form

(with pre-plat construction)

PROJECT INFORMATION

GRANDVIEW RESERVE: PHASE II EARLY GRADING
Project Name

PROJECT INFORMATION

7/16/2024
Pubsp236
Pote PCD File No.

Updated: 10/2023

			Unit				(WILLI FIE	-Piat	Construction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
ECTION 1 - GRADING AND EROSION CONTR				5)					
Earthwork	Ì			•					
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	281464.	CY	\$ 2.	00 =	\$	562,928.00		\$	562,928.00
Permanent Erosion Control Blanket		SY	\$ 9.		\$	-		\$	-
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching		AC	\$ 2,018	00 =	\$	-		\$	-
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$	-		\$	-
Concrete Washout Basin	1.	EA	\$ 1,172.	00 =	\$	1,172.00		\$	1,172.00
Inlet Protection		EA	\$ 217.		\$	-		\$	-
Rock Check Dam	430.	EA	\$ 651.		\$	279,930.00		\$	279,930.00
Safety Fence (CONSTRUCTION)	1385.	LF		00 =	\$	4,155.00		\$	4,155.00
Sediment Basin	3.	EA	\$ 2,294.		\$	6,882.00		\$	6,882.00
Sediment Trap		EA	\$ 538.		\$	-		\$	-
Silt Fence	7840.	LF	\$ 3.		\$	23,520.00		\$	23,520.00
Slope Drain		LF	\$ 43.		\$	-		\$	-
Straw Bale		EA	\$ 33.		\$	-		\$	-
Straw Wattle/Rock Sock	_	LF	\$ 8.		\$	-		\$	
Surface Roughening	30.	AC	\$ 269.		\$	8,070.00		\$	8,070.00
Temporary Erosion Control Blanket	3604.	SY	\$ 3.		\$	10,812.00		\$	10,812.00
Temporary Seeding and Mulching	69.1	AC	\$ 1,793		\$	123,896.30		\$	123,896.30
Vehicle Tracking Control	1.	EA	\$ 3,085.		\$	3,085.00		\$	3,085.00
5				=	\$	-		\$	-
[insert items not listed but part of construction plans]	INTENIANCE (DEC			_ =	\$	- 464 422 64		\$	-
	INTENANCE (35%	o of Constr	uction BMP	s) =	\$	161,122.61		\$	161,122.61
- Subject to defect warranty financial assurance. A minimum of 20% shall		Sactio	- 4 Cb4-	-1	-	1,185,572.91		\$	1,185,572.91
e retained until final acceptance (MAXIMUM OF 80% COMPLETE			n i Subto	al =					
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED)		Sectio	n 1 Subto	aı =	\$	1/100/07 2:51		Ψ	,,-
SECTION 2 - PUBLIC IMPROVEMENTS *		Section	n 1 Subto	ai =	Þ	1/100/07 2:51		Ψ	,,-
LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS			n 1 Subto						,,-
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control		LS		=	\$			\$	-
SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)		LS Tons	\$ 37.	= 00 =	\$	- -		\$	- -
**ROADWAY IMPROVEMENTS ** Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)		LS Tons CY	\$ 37.	= 00 = 00	\$ \$			\$ \$ \$	- - -
**ROADWAY IMPROVEMENTS ** CONSTRUCTION 12 - PUBLIC IMPROVEMENTS ** CONSTRUCTION Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick)		LS Tons CY SY	\$ 37. \$ 66. \$ 18.	= 00 = 00 00 00	\$ \$ \$ \$	- - - -		\$ \$ \$	- - -
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Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator		LS Tons CY SY SY SY Tons SF EA EA SF EA LF	\$ 37. \$ 66. \$ 18. \$ 25. \$ 38. \$ 114. \$ 392. \$ 17. \$ 30. \$ 259. \$ 31. \$ 38. \$ 38. \$ 38. \$ 62. \$ 77. \$ 94. \$ 125. \$ 1,496. \$ 1,926. \$ 65. \$ 1,926. \$ 94. \$ 1,926. \$ 1,9	= 000 = 000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			* * * * * * * * * * * * * * * * * * * *	
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pavement Marking Baricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) A" Sidewalk (common areas only) 5" Sidewalk B" Sidewalk B" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 37. \$ 66. \$ 18. \$ 25. \$ 38. \$ 114. \$ 392. \$ 17. \$ 30. \$ 259. \$ 31. \$ 38. \$ 38. \$ 38. \$ 38. \$ 125. \$ 17. \$ 94. \$ 125. \$ 19. \$ 1,496. \$ 1,926. \$ 94. \$ 2,731. \$ 4,902. \$ 102.	= 000 = 000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			* * * * * * * * * * * * * * * * * * * *	
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator		LS Tons CY SY SY SY Tons SF EA EA SF EA LF	\$ 37. \$ 66. \$ 18. \$ 25. \$ 38. \$ 114. \$ 392. \$ 17. \$ 30. \$ 259. \$ 31. \$ 38. \$ 38. \$ 38. \$ 62. \$ 77. \$ 94. \$ 125. \$ 1,496. \$ 1,926. \$ 65. \$ 1,926. \$ 94. \$ 1,926. \$ 1,9	=	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			* * * * * * * * * * * * * * * * * * * *	

PROJECT INFORMATION							
GRANDVIEW RESERVE: PHASE II EARLY GRADING	7/16/2024	PUDSP236					
Project Name	Date	PCD File No.					

	Unit					(with Pre-Plat Construction)		
escription	Quantity	Units	Cost		Total	% Complete	Remaining	
				=	\$ -		\$ -	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
TORM 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		\$ -		\$ -	
·		LF			+'			
18" Corrugated Steel Pipe			\$ 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	=	\$ -		\$ -	
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		=	\$ -		\$ -	
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	\$ 15,130.00		\$ -		\$ -	
		SY	1 1	=				
Geotextile (Erosion Control)			-		Ψ		Ψ	
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] - Subject to defect warranty financial assurance. A minimum of 20% shal				=	\$ -		\$ -	

	PROJECT INFORMATION	
GRANDVIEW RESERVE: PHASE II EARLY GRADING	7/16/2024	PUDSP236
Project Name	Date	PCD File No.

				Unit			(with Pr	e-Plat Construction)
Description	Quantity	Units		Cost		Total	% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPRO	OVEMENTS (PI	rivate or D	istri	ct and N	OT Main	tained by EPC)**		-
ROADWAY IMPROVEMENTS	(-							
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Except	ion: Permanent Po	nd/BMP shall	be ite	mized und	er Section 1	1)		
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
					=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS		'						
Water Main Pipe (PVC), Size 8"		LF	\$	84.00	=	\$ -		\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	98.00	=	\$ -		\$ -
Gate Valves, 8"		EA	\$	2,418.00	=	\$ -		\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$	8,584.00	=	\$ -		\$ -
Water Service Line Installation, inc. tap and valves		EA	\$	1,723.00	=	\$ -		\$ -
Fire Cistern Installation, complete		EA			=	\$ -		\$ -
					=	\$ -		\$ -
[insert items not listed but part of construction plans]					=	\$ -		\$ -
SANITARY SEWER IMPROVEMENTS	1	'						
Sewer Main Pipe (PVC), Size 8"		LF	\$	84.00	=	\$ -		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	5,708.00	=	\$ -		\$ -
Sanitary Service Line Installation, complete		EA	\$	1,825.00	=	\$ -		\$ -
Sanitary Sewer Lift Station, complete		EA			=	\$ -		\$ -
					=	\$ -		\$ -
[insert items not listed but part of construction plans]					=	\$ -		\$ -
LANDSCAPING IMPROVEMENTS	(For subdivision sp	ecific conditio	n of a	pproval, or	PUD)	<u> </u>		
		EA			=	\$ -		\$ -
		EA			=	\$ -		\$ -
		EA			=	\$ -		\$ -
		EA			=	\$ -		\$ -
		EA			=	\$ -		\$ -
** - Section 3 is not subject to defect warranty requirements		Section	n 3 9	Subtotal	=	s -		s -

PROJECT INFORMATION						
GRANDVIEW RESERVE: PHASE II EARLY GRADING	7/16/2024	PUDSP236				
Project Name	Date	PCD File No.				

			Unit				(with Pre	-Plat	Construction)	
Description	Quantity	Quantity Units		Cost		otal	% Complete		Remaining	
AS-BUILT PLANS (Public Improvements	s inc. Permanent WQCV BMPs)			=	\$	-		\$	-	
POND/BMP CERTIFICATION (inc. elevat	tions and volume calculations)	LS		=	\$	-		\$	-	
				Total	Construction	on Financia	I Assurance	\$	1,185,572.91	
			(Sum of all se	ection subtot	als plus as-buil	ts and pond/B	MP certification)			
	Total Remain	ning Consti	ruction Fina	ncial Ass	urance (with	Pre-Plat C	onstruction)	\$	1,185,572.91	
	(Sum of all	section totals	s less credit for	items compl	ete plus as-buil	ts and pond/B	MP certification))		
				Total De	efect Warran	ty Financia	I Assurance	\$	112,585.60	
	(2	20% of all item	ns identified as	(*). To be co	llateralized at ti	me of prelimin	ary acceptance)	•	
	(2	20% of all item	ns identified as	(*). To be co	illateralized at ti	me of prelimin	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.
Engineer (P.E. Seal Required)	
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date