2022 Financial Assurance Estimate Form

(with pre-plat construction)

(with pre-plat construction)		Updated: 11/4/2021
	PROJECT INFORMATION	
Woodmoor WSD Well #22	3/10/2023	
Project Name	Date	PCD File No.

			Unit			(with Pre	Plat Co	iistruction)
Description	Quantity	Units	Cost		Total	% Complete	R	emaining
SECTION 1 - GRADING AND EROSION CONTR	OL (Constructio	n and Pern	nanent 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	0	SY	\$ 7.00		\$ -		\$	-
* Permanent Pond/BMP Construction	0	CY	\$ 22.00		-		\$	-
* Permanent Pond/BMP (provide engineer's estimate)	0	EA		=	\$ -		\$	-
0.64	_	EA		=	\$ -		\$	-
Safety Fence	0	LF	\$ 3.00		\$ -		\$	-
Temporary Erosion Control Blanket	0	SY	\$ 3.00		\$ -		\$	-
Vehicle Tracking Control	1	EA	\$ 2,625.00		\$ 2,625.00		\$	2,625.00
Silt Fence	380	LF	\$ 3.00		\$ 1,140.00		\$	1,140.00
Temporary Seeding	0	AC	\$ 695.00		\$ -		\$	-
Temporary Mulch	0	AC	\$ 831.00		\$ -		\$	-
Erosion Bales	0	EA	\$ 28.00		\$ -		\$	-
Erosion Logs/Straw Wattles	330	LF	\$ 6.00		\$ 1,980.00		\$	1,980.00
Rock Check Dams	2	EA	\$ 554.00		\$ 1,108.00		\$	1,108.00
Inlet Protection	1	EA	\$ 185.00		\$ 185.00		\$	185.00
Sediment Basin	0	EA	\$ 1,952.00		\$ -		\$	-
Concrete Washout Basin	0	EA	\$ 997.00	=	\$ -		\$	-
				=	\$ -		\$	-
[insert items not listed but part of construction plans]				=	\$ -		\$	-
MAI	INTENANCE (35%	% of Const≀	uction BMPs)	=	\$ 2,463.30		\$	2,463.30
- Subject to defect warranty financial assurance. A minimum of 20% shall		Section	n 1 Subtota	ı –	¢ 0 501 30		de .	0 501 30
f - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Section	n 1 Subtota	l =	\$ 9,501.30		\$	9,501.30
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pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Section	on 1 Subtota	l =	\$ 9,501.30		\$	9,501.30
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Retained until final acceptance (MAXIMUM OF 80% COMPLETE MALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) 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 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 3 (W-Beam) Guardrail Impact Attenuator		LS Tons CY SY SY SY Tons SF EA EA SF SF EA LF	\$ 31.00 \$ 56.00 \$ 16.00 \$ 32.00 \$ 97.00 \$ 99.00 \$ 333.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 1,273.00 \$ 102.00 \$ 1639.00 \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		* * * * * * * * * * * * * * * * * * * *	
Retained until final acceptance (MAXIMUM OF 80% COMPLETE MALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pavement Marking Baricade 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 B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)		LS Tons CY SY SY Tons SF EA EA LF LF SY SY SY LF LF EA LF	\$ 31.00 \$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 333.00 \$ 26.00 \$ 221.00 \$ 221.00 \$ 221.00 \$ 32.00 \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		* * * * * * * * * * * * * * * * * * * *	
Retained until final acceptance (MAXIMUM OF 80% COMPLETE MALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) 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 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 3 (W-Beam) Guardrail Impact Attenuator		LS Tons CY SY SY SY Tons SF EA EA SF SF EA LF	\$ 31.00 \$ 56.00 \$ 16.00 \$ 32.00 \$ 97.00 \$ 99.00 \$ 333.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 1,273.00 \$ 102.00 \$ 1639.00 \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		* * * * * * * * * * * * * * * * * * * *	

PROJECT INFORMATION					
Woodmoor WSD Well #22	3/10/2023				
Project Name	Date	PCD File No.			

Description	Quantity	Units	Unit Cost		Total	(with Pre % Complete	e-Plat Const Ren	ruction) naining
				=	\$ -		\$	-
[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	\$ 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 = 18" (unit cost = 6x pipe unit cost)		EA	\$ 420.00	=	\$ -		\$	-
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', Depth < 5'		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 D), 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"	70	Tons	\$ 89.00	=	\$ 6,249.28		\$	6,249.28
Rip Rap, Grouted		Tons	\$ 105.00	=	\$ -		\$	-
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$ -		\$	-
Drainage Channel Lining, Concrete		CY	\$ 631.00	=	\$ -		\$	-
Drainage Channel Lining, Rip Rap		CY	\$ 124.00	=	\$ -		\$	-
Drainage Channel Lining, Grass		AC	\$ 1,626.00	=	\$ -		\$	-
Drainage Channel Lining, Other Stabilization				=	\$ _		\$	-
<u> </u>				=	\$ -		\$	-
[insert items not listed but part of construction plans]				=	\$ -		\$	-
- Subject to defect warranty financial assurance. A minimum of 20% sha	ı '							
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Section	on 2 Subtotal	=	\$ 6,249.28		\$	6,249.28

PROJECT INFORMATION						
Woodmoor WSD Well #22	3/10/2023					
Project Name	Date	PCD File No.				

				Unit				(with Pre	-Plat C	Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	ROVEMENTS (Pr	vate or [Distr	ict and N	OT Mair	ntaine	d by EPC)**			
ROADWAY IMPROVEMENTS	-									
* Earthwork										
less than 1,000; \$5,300 min	600	CY	\$	8.00	=	\$	5,300.00		\$	5,300.00
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.)	1	AC	\$	886.00	=	\$	531.60		\$	531.60
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		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 4"		LF	Ś	71.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	4,858.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete	1	EA	\$	1,553.00	=	\$	1,553.00		\$	1,553.00
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS										
18" Reinforced Concrete Pipe	38	LF	\$	70.00	=	\$	2,660.00		\$	2,660.00
·							,			,
Flared End Section (FES) RCP Size = 18"	1		\$	420.00	=	\$	420.00		\$	420.00
(unit cost = 6x pipe unit cost)		EA								
Grated Inlet (Type C), Depth < 5'	1	EA	\$	5,138.00	=	\$	5,138.00		\$	5,138.00
Rip Rap, d50 size from 6" to 24"	19	Tons	\$	89.00	=	\$	1,680.62		\$	1,680.62
ANDSCAPING IMPROVEMENTS	(For subdivision spe		on of a	approval, or						
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
		EA			=	\$	<u> </u>		\$	<u> </u>
* - Section 3 is not subject to defect warranty requirements		Section	on 3	Subtotal	=	\$	17,283.22		\$	17,283.22

There is landscaping:

-trees

-native grass and wildflower mix Please include on this form

PROJECT INFORMATION						
Woodmoor WSD Well #22	3/10/2023					
Project Name	Date	PCD File No.				

			Unit				(with Pre	-Plat	Construction)
Description	Quantity	Units	Cost		T	otal	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent W	QCV BMPs)	LS		=	\$	-		\$	-
POND/BMP CERTIFICATION (inc. elevations and volume ca	alculations)	LS		=	\$	-		\$	-
				Tota	I Constructi	on Financia	I Assurance	\$	33,033.80
			(Sum of all se	ction subto	tals plus as-bui	Its and pond/BI	MP certification)		
			`		•	•	,		
	Total Remain	ina Constr	uction Finar	ncial Ass	urance (with	Pre-Plat C	onstruction)	\$	33,033.80
		_			•		MP certification)		55/555.00
	(Odili oi ali	3cction totals	1033 Credit for i	terns comp	icto pius as-bui	its and pond/bi	wii certilication)		
				Total Da	ofact Warrar	sty Einanaia	I Accurance		1 240 06
						•	I Assurance	_	1,249.86
	(2	20% of all item	s identified as (*). To be co	ollateralized at t	ime of prelimin	ary acceptance)		
İ									

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 Sonnal Residence)	
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date