2022 Financial Assurance Estimate Form

(with pre-plat construction) Updated: 11/4/2021

PROJECT INFORMATION							
Predevelopement Grading Rolling Hills Ranch North	5/10/2022						
Project Name	Date	PCD File No. EGP222					

			Unit			,	-Plat	Construction)
Description	Quantity	Units	Cost		Total	% Complete		Remaining
SECTION 1 - GRADING AND EROSION CONTR	OL (Construction	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	220 720	CY	\$ 2.50	=	\$ -		\$	-
greater than 200,000; \$500,000 min	320,730	CY	\$ 2.00	=	\$ 641,460.00		\$	641,460.00
* Permanent Seeding (inc. noxious weed mgmnt.)	158	AC	\$ 886.00	=	\$ 139,988.00		\$	139,988.00
* Mulching	158	AC	\$ 831.00	=	\$ 131,298.00		\$	131,298.00
* Permanent Erosion Control Blanket * Permanent Pond/BMP Construction	13,187	SY CY	\$ 7.00	=	\$ 92,309.00		\$	92,309.00
	1	EA	\$ 22.00 \$ 10,000.00	=	\$ -		\$	10,000.00
* Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 10,000.00		\$ 10,000.00		\$	10,000.00
Safety Fence		LF	\$ 3.00	=	\$ - \$ -		\$	-
Temporary Erosion Control Blanket	6,916	SY	\$ 3.00		\$ 20,748.00		\$	20,748.00
Vehicle Tracking Control	0,910	EA	\$ 2,625.00		\$ 2,625.00		\$	2,625.00
Silt Fence	2,236	LF	\$ 3.00		\$ 6,708.00		\$	6,708.00
Temporary Seeding	2,230	AC	\$ 695.00		\$ 0,708.00		\$	0,700.00
Temporary Mulch		AC	\$ 831.00		\$ -		\$	
Erosion Bales		EA	\$ 28.00		\$ -		\$	-
Erosion Logs/Straw Wattles	8,454	LF	\$ 6.00		\$ 50,724.00		\$	50,724.00
Rock Check Dams	5, .5 1	EA	\$ 554.00	=	\$ -		\$	-
Inlet Protection		EA	\$ 185.00		\$ -		\$	-
Sediment Basin	5	EA	\$ 1,952.00	=	\$ 9,760.00		\$	9,760.00
Concrete Washout Basin	J	EA	\$ 997.00	=	\$ -		\$	-
			, , , , , ,	=	\$ -		\$	-
[insert items not listed but part of construction plans]				=	\$ -		\$	-
MAI	NTENANCE (35%	6 of Constr	uction BMPs)	=	\$ 31,697.75		\$	31,697.75
- Subject to defect warranty financial assurance. A minimum of 20% shall		Soction	on 1 Subtotal	_	¢ 11272177E		+	1 127 217 75
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE		Section	on 1 Subtotal	=	\$ 1,137,317.75		\$	1,137,317.75
SECTION 2 - PUBLIC IMPROVEMENTS *								
SECTION 2 - PUBLIC IMPROVEMENTS **								
		LS		=	\$ -		\$	-
ROADWAY IMPROVEMENTS		LS Tons	\$ 31.00	= =	\$ -		\$	- -
ROADWAY IMPROVEMENTS Construction Traffic Control			\$ 31.00 \$ 56.00					
ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)		Tons			\$ -		\$	-
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)		Tons CY	\$ 56.00		\$ - \$ -		\$ \$	
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)		Tons CY SY	\$ 56.00 \$ 16.00		\$ - \$ - \$ -		\$ \$	- - -
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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 Area (147 lbs/cf) Area (147 lbs/cf) Asphalt Pavement Marking Baricade - Type 3 Belineator - Type 1 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) A" Sidewalk (common areas only) S" Sidewalk B" Sidewalk B" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)		Tons CY SY SY Tons SF EA EA SF SF EA LF LF LF LF LF LF LF LF SY SY SY LF	\$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 67.00 \$ 102.00 \$ 1639.00 \$ 55.00 \$ 80.00 \$ 1,639.00 \$ 2,324.00 \$ 4,172.00 \$ 4,172.00		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		* * * * * * * * * * * * * * * * * * * *	
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)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type 1 Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalf Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 7 (Concrete) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high) Sound Barrier Fence (cmul stick)		Tons CY SY SY SY Tons SF EA EA SF SF EA LF LF LF SY SY SY LF LF EA LF	\$ 56.00 \$ 16.00 \$ 21.00 \$ 97.00 \$ 9.00 \$ 9.00 \$ 333.00 \$ 15.00 \$ 26.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 106.00 \$ 106.00 \$ 1,273.00 \$ 67.00 \$ 16.00 \$ 1,273.00 \$ 1,273.00 \$ 32.00 \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		* * * * * * * * * * * * * * * * * * * *	
Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pavement Marking Baricade Median, Paved Area (147 lbs/cf) Asphalt Pavement Marking Barricade - Type 3 Belineator - Type 1 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) A" Sidewalk (common areas only) 5" Sidewalk B" Sidewalk B" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' 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)		Tons CY SY SY Tons SF EA EA SF SF EA LF LF LF LF LF LF LF LF SY SY SY LF	\$ 56.00 \$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 15.00 \$ 221.00 \$ 221.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 1,273.00 \$ 67.00 \$ 102.00 \$ 1639.00 \$ 55.00 \$ 80.00 \$ 1,639.00 \$ 2,324.00 \$ 4,172.00 \$ 4,172.00		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		* * * * * * * * * * * * * * * * * * * *	

PROJECT INFORMATION						
Predevelopement Grading Rolling Hills Ranch North	5/10/2022					
Project Name	Date	PCD File No. EGP222				

			Unit			(with Pre	-Plat C	Construction)
Description	Quantity	Units	Cost		Total	% Complete		Remaining
				=	\$ -		\$	-
[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	747	LF	\$ 272.00	=	\$ 203,184.00		\$	203,184.00
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 = 54 (unit cost = 6x pipe unit cost)	1	EA	\$ 1,668.00	=	\$ 1,668.00		\$	1,668.00
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$	-
End Treatment- Headwall		EA		=	\$ -		\$	-
End Treatment- Wingwall		EA		=	\$ -		\$	-
End Treatment - Impact Basin	1	EA	\$ 15,000.00	=	\$ 15,000.00		\$	15,000.00
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	=	\$ <u>-</u>		\$	
Storm Sewer Manhole, Slab Base		EA	\$ 7,082.00	=	\$ 		\$	
Geotextile (Erosion Control)		SY	\$ 7.00	=	\$ 		\$	
Rip Rap, d50 size from 6" to 24" 608 CY*	1.5 912	Tons	\$ 89.00	=	\$ 81,168.00		\$	81,168.00
Rip Rap, Grouted	512	Tons	\$ 105.00	=	\$ -		\$	- 31,100.00
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$ <u> </u>		\$	
Drainage Channel Lining, Concrete	284	CY	\$ 631.00	=	\$ 179,204.00		\$	179,204.00
Drainage Channel Lining, Concrete Drainage Channel Lining, Rip Rap	204	CY	\$ 124.00	=	\$ 1/3/207.00		\$	1,3,207.00
Drainage Channel Lining, Rip Rap		AC	\$ 1,626.00	=	\$ 		\$	
Drainage Channel Lining, Other Stabilization		AU	7 1,020.00		\$ 			
Temp. CMP Inlet	1	EA	\$ 7,000.00	=	 7,000.00		\$	7,000.00
•	1	EA	φ 1,000.00	=	\$ 7,000.00		\$	7,000.00
[insert items not listed but part of construction plans] - Subject to defect warranty financial assurance. A minimum of 20% s	hall			=	\$ -		\$	-
retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Section	on 2 Subtotal	=	\$ 487,224.00		\$	487,224.00

PROJECT INFORMATION						
Predevelopement Grading Rolling Hills Ranch North	5/10/2022					
Project Name	Date	PCD File No. EGP222				

				Unit				(with Pre	e-Plat Construction)
Description	Quantity	Units		Cost			Total	% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	OVEMENTS (Pi	rivate or D	istr	ict and N	IOT Main	tained I	by EPC)**		
ROADWAY IMPROVEMENTS							<u>, , , , , , , , , , , , , , , , , , , </u>		
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
STORM DRAIN IMPROVEMENTS (Except	tion: Permanent Por	nd/BMP shall	be ite	emized unde	er Section 1)			
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
					=	\$	-		\$ -
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 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			=	\$	-		\$ -
					=	\$	-		\$ -
[insert items not listed but part of construction plans]					=	\$	-		\$ -
LANDSCAPING IMPROVEMENTS	(For subdivision spe		n of a	approval, or					
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
		EA			=	\$	-		\$ -
** - Section 3 is not subject to defect warranty requirements		Section	n 3	Subtotal	=	\$	-		\$ -

	PROJECT INFORMATION	
Predevelopement Grading Rolling Hills Ranch North	5/10/2022	
Project Name	Date	PCD File No. EGP222

D	Auto-Million of the Control of the C	-	Unit			(with Pre-l	Plat Construction)
Description	Quantity	Units	Cost		Total	% Complete	Remaining
SECTION 1 - GRADING AND EROSION	CONTROL						
AS-BUILT PLANS (Public Improvements inc. Pern	nanent WQCV BMPs)	LS	\$ 1.00	==	\$ 1,000.00		\$ 1.000.00
POND/BMP CERTIFICATION (inc. elevations and	volume calculations)	LS		=	\$ -		\$ -

Total Construction Financial Assurance \$

(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 1,625,541.75 (Sym of all section totals less credit for items complete plus as-builts and pond/BMP certification)

	Total Defect Warranty Financial Assurance \$ 300,455.80 (20% of all items identified as (*). To be collateralized at time of preliminary acceptance)
Approvals ////	
I hereby certify that this is an accurage and conjugate estimate of costs for t	the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.
5-16-72	sale and a sale access of annual access and a sale access of annual access and a sale access of a sale acces
Engineer (P.F. seal Required)	
() all	5/16/2022
Approved by Owner / Applicate	Date
Approved by El Paso County Engineer / ECM Administrator	Data
Jaly	