

2023 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 12/8/2022

PROJECT INFORMATION			
Norwood Bible Church	9/25/2023		
Project Name	Date	PCD File No.	PPR2346

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent 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	6,660	CY	\$ 5.00	=	\$ 33,300.00		\$ 33,300.00
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 Erosion Control Blanket	120	SY	\$ 8.00	=	\$ 960.00		\$ 960.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	1	AC	\$ 1,875.00	=	\$ 1,875.00		\$ 1,875.00
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -
Concrete Washout Basin	1	EA	\$ 1,089.00	=	\$ 1,089.00		\$ 1,089.00
Inlet Protection	IP is referenced in the SWMP, show on GEC Plan and include in FAE.	EA	\$ 202.00	=	\$ -		\$ -
Rock Check Dam		EA	\$ 605.00	=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Sediment Basin		EA	\$ 2,132.00	=	\$ -		\$ -
Sediment Trap	3	EA	\$ 500.00	=	\$ 1,500.00		\$ 1,500.00
Silt Fence	490	LF	\$ 3.00	=	\$ 1,470.00		\$ 1,470.00
Slope Drain		LF	\$ 40.00	=	\$ -		\$ -
Straw Bale		EA	\$ 31.00	=	\$ -		\$ -
Straw Wattle/Rock Sock		LF	\$ 7.00	=	\$ -		\$ -
Surface Roughening		AC	\$ 250.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Temporary Seeding and Mulching	1	AC	\$ 1,666.00	=	\$ 1,666.00		\$ 1,666.00
Vehicle Tracking Control	1	EA	\$ 2,867.00	=	\$ 2,867.00		\$ 2,867.00
[insert items not listed but part of construction plans]				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ 2,626.05		\$ 2,626.05
MAINTENANCE (35% of Construction BMPs)				=	\$ 2,626.05		\$ 2,626.05
				Section 1 Subtotal	\$ 47,353.05		\$ 47,353.05

* - 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		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 61.00	=	\$ -		\$ -
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		SY	\$ 72.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 87.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 116.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,390.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 73.00	=	\$ -		\$ -
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		=	\$ -		\$ -

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SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**						
ROADWAY IMPROVEMENTS						
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
Rip Rap, d50 size from 6" to 24"	12"	12.0	Tons	\$ 97.00	=	\$ 1,164.00
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
WATER SYSTEM IMPROVEMENTS						
Water Main Pipe (PVC), Size 8"		LF	\$ 78.00	=	\$ -	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 91.00	=	\$ -	\$ -
Gate Valves, 8"		EA	\$ 2,247.00	=	\$ -	\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,978.00	=	\$ -	\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,601.00	=	\$ -	\$ -
Fire Cistern Installation, complete		EA		=	\$ -	\$ -
				=	\$ -	\$ -
<i>[insert items not listed but part of construction plans]</i>						
				=	\$ -	\$ -
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 8"		LF	\$ 78.00	=	\$ -	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,305.00	=	\$ -	\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,696.00	=	\$ -	\$ -
Sanitary Sewer Lift Station, complete		EA		=	\$ -	\$ -
				=	\$ -	\$ -
				=	\$ -	\$ -
<i>[insert items not listed but part of construction plans]</i>						
				=	\$ -	\$ -
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)						
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
		EA		=	\$ -	\$ -
Section 3 Subtotal				=	\$ 1,164.00	\$ 1,164.00

** - Section 3 is not subject to defect warranty requirements

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AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ -	= \$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ -	= \$ -		\$ -
Total Construction Financial Assurance						\$ 58,413.05
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 58,413.05
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 9,206.20
(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.

Submit with stamps and signatures

Engineer (P.E. Seal Required)

Approved by Owner / Applicant

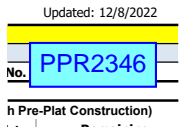
Date

Approved by El Paso County Engineer / ECM Administrator

Date

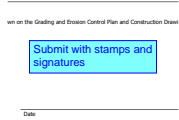
V1_Financial Assurance Forms Comments.pdf Markup Summary

Carlos (2)



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Author: Carlos
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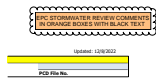
PPR2346



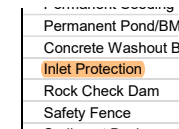
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Submit with stamps and signatures

Mikayla Hartford (3)

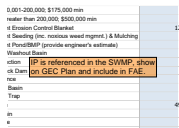


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Inlet Protection



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IP is referenced in the SWMP, show on GEC Plan and include in FAE.