

2024 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 10/2023

PROJECT INFORMATION		
Nabulsi-Abushaban Subdivision	8/27/2024	MS2211
Project Name	Date	PCD File No.

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	800.	CY	\$ 8.00	=	\$ 6,400.00		\$ 6,400.00
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 Erosion Control Blanket	649.	SY	\$ 9.00	=	\$ 5,841.00		\$ 5,841.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	.68	AC	\$ 2,018.00	=	\$ 1,372.24		\$ 1,372.24
Permanent BMP (Grass Buffer Seeding)	.18	EA	\$ 2,018.00	=	\$ 363.24		\$ 363.24
Concrete Washout Basin		EA	\$ 1,172.00	=	\$ -		\$ -
Inlet Protection	1.	EA	\$ 217.00	=	\$ 217.00		\$ 217.00
Rock Check Dam		EA	\$ 651.00	=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Sediment Basin		EA	\$ 2,294.00	=	\$ -		\$ -
Sediment Trap		EA	\$ 538.00	=	\$ -		\$ -
Silt Fence	213.	LF	\$ 3.00	=	\$ 639.00		\$ 639.00
Slope Drain		LF	\$ 43.00	=	\$ -		\$ -
Straw Bale	3.	EA	\$ 33.00	=	\$ 99.00		\$ 99.00
Straw Wattle/Rock Sock	372.	LF	\$ 8.00	=	\$ 2,976.00		\$ 2,976.00
Surface Roughening	.68	AC	\$ 269.00	=	\$ 182.92		\$ 182.92
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Temporary Seeding and Mulching		AC	\$ 1,793.00	=	\$ -		\$ -
Vehicle Tracking Control	1.	EA	\$ 3,085.00	=	\$ 3,085.00		\$ 3,085.00
Temporary Compacted Berm	60.	CY	\$ 8.00	=	\$ 480.00		\$ 480.00
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					\$ 2,687.62		\$ 2,687.62
Section 1 Subtotal					\$ 24,343.02		\$ 24,343.02
SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 66.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 18.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 25.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 38.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 114.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 11.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign		EA	\$ 392.00	=	\$ -		\$ -
Guide/Street Name Sign		EA	\$ 325.00	=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 17.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 30.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 259.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 38.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 62.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 77.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 94.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 125.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,496.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 79.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 119.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 1,926.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 65.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 94.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,731.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,902.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 102.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 104.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 22.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -

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						% Complete	Remaining	
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**								
ROADWAY IMPROVEMENTS								
Aggregate Base Course (135 lbs/cf)	475.	CY	\$ 66.00	=	\$ 31,350.00		\$ 31,350.00	
Regulatory Sign/Advisory Sign	3.	EA	\$ 392.00	=	\$ 1,176.00		\$ 1,176.00	
Guide/Street Name Sign	1.	EA	\$ 325.00	=	\$ 325.00		\$ 325.00	
Construction Traffic Control	1.	LS	\$ 2,500.00	=	\$ 2,500.00		\$ 2,500.00	
Ditch Check Structures (5 @ 7.4 tons, 90 CF ea)	29.6	Tons	\$ 104.00	=	\$ 3,078.40		\$ 3,078.40	
Ditch-Out / Spreader (2 @ 4.4 tons, 54 CF ea)	8.8	Tons	\$ 104.00	=	\$ 915.20		\$ 915.20	
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)								
Rip Rap, d50 size from 6" to 24" (1 @ 2.2 tons, 27 CF ea)	2.2	Tons	\$ 104.00	=	\$ 228.80		\$ 228.80	
18" Reinforced Concrete Pipe	72.	LF	\$ 82.00	=	\$ 5,904.00		\$ 5,904.00	
Flared End Section (FES) - 18" RCP	2.	EA	\$ 492.00	=	\$ 984.00		\$ 984.00	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
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		=	\$ -		\$ -	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
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		=	\$ -		\$ -	
				=	\$ -		\$ -	
<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		=	\$ -		\$ -	
Section 3 Subtotal					=	\$ 46,461.40		\$ 46,461.40

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

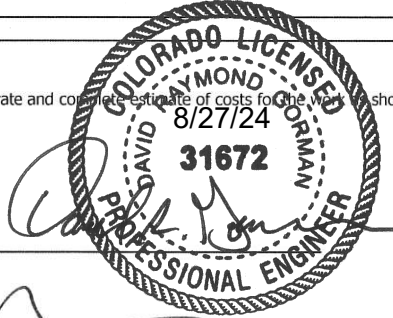
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					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 1,500.00	= \$ 1,500.00		\$ 1,500.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 1,000.00	= \$ 1,000.00		\$ 1,000.00
Total Construction Financial Assurance					\$	73,304.42
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)					\$	73,304.42
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance					\$	2,795.30
(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 shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.



Engineer (P.E. Seal Required)

Approved by Owner / Applicant

Approved by El Paso County Engineer / ECM Administrator

Date

Date

8/27/24