

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

Updated: 12/8/2022

PROJECT INFORMATION			
U-Haul at Falcon	6/9/2023	PPR2256 & SF2240	
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							
5,001-20,000; \$30,000 min	12,000	CY	\$ 5.00	=	\$ 60,000.00		\$ 60,000.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	3.1	AC	\$ 1,875.00	=	\$ 5,737.50		\$ 5,737.50
Concrete Washout Basin	1	EA	\$ 1,089.00	=	\$ 1,089.00		\$ 1,089.00
Inlet Protection	8	EA	\$ 202.00	=	\$ 1,616.00		\$ 1,616.00
Rock Check Dam	1	EA	\$ 605.00	=	\$ 605.00		\$ 605.00
Sediment Basin	1	EA	\$ 2,132.00	=	\$ 2,132.00		\$ 2,132.00
Silt Fence	2,464	LF	\$ 3.00	=	\$ 7,392.00		\$ 7,392.00
Straw Wattle/Rock Sock	2,604	LF	\$ 7.00	=	\$ 18,228.00		\$ 18,228.00
Temporary Seeding and Mulching	3.1	AC	\$ 1,666.00	=	\$ 5,097.96		\$ 5,097.96
Vehicle Tracking Control	2	EA	\$ 2,867.00	=	\$ 5,734.00		\$ 5,734.00
Drainage Swale	810	LF	\$ 4.00	=	\$ 3,240.00		\$ 3,240.00
Rock Socks	7	EA	\$ 150.00	=	\$ 1,050.00		\$ 1,050.00
Stabilized Staging Area	1	EA	\$ 1,500.00	=	\$ 1,500.00		\$ 1,500.00
Forebay into Pond WU	1	EA	\$ 55,000.00	=	\$ 55,000.00		\$ 55,000.00
Trickle Channel through Pond WU	740	LF	\$ 112.00	=	\$ 82,880.00		\$ 82,880.00
<i>[insert items not listed but part of construction plans]</i>							
				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)				=	\$ 64,566.24		\$ 64,566.24
Section 1 Subtotal				=	\$ 315,867.70		\$ 315,867.70

* - 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	1.0	LS	\$ 6,000.00	=	\$ 6,000.00		\$ 6,000.00
Regulatory Sign/Advisory Sign	6.0	EA	\$ 364.00	=	\$ 2,184.00		\$ 2,184.00
Epoxy Pavement Marking	506.0	SF	\$ 16.00	=	\$ 8,096.00		\$ 8,096.00
Thermoplastic Pavement Marking	105.7	SF	\$ 28.00	=	\$ 2,959.60		\$ 2,959.60
4" Sidewalk (common areas only)	566.0	SY	\$ 58.00	=	\$ 32,828.00		\$ 32,828.00
Pedestrian Ramp	1.0	EA	\$ 1,390.00	=	\$ 1,390.00		\$ 1,390.00
Electrical Conduit, Size = 4"	100.0	LF	\$ 20.00	=	\$ 2,000.00		\$ 2,000.00
Traffic Signal, (provide engineer's estimate)	1.0	EA	\$ 3,000.00	=	\$ 3,000.00		\$ 3,000.00
				=	\$ -		\$ -
Section 2 Subtotal				=	\$ 58,457.60		\$ 58,457.60

* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**							
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STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
18" Reinforced Concrete Pipe (RCP)	110	LF	\$ 76.00	=	\$ 8,360.00		\$ 8,360.00
24" RCP	770	LF	\$ 91.00	=	\$ 70,070.00		\$ 70,070.00
18" Flared End Section (FES)	1	EA	\$ 420.00	=	\$ 420.00		\$ 420.00
24" FES	1	EA	\$ 498.00	=	\$ 498.00		\$ 498.00
42" RCP (Maintained by Falcon Highlands Metro District)	369	LF	\$ 187.00	=	\$ 69,003.00		\$ 69,003.00
48" RCP (Maintained by Falcon Highlands Metro District)	797	LF	\$ 228.00	=	\$ 181,716.00		\$ 181,716.00
Curb Inlet (Type R) L=5', Depth < 5'	1	EA	\$ 6,703.00	=	\$ 6,703.00		\$ 6,703.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	1	EA	\$ 8,715.00	=	\$ 8,715.00		\$ 8,715.00
Grated Inlet (Type D), Depth < 5'	1	EA	\$ 6,931.00	=	\$ 6,931.00		\$ 6,931.00
Storm Sewer Manhole, Box Base	1	EA	\$ 14,061.00	=	\$ 14,061.00		\$ 14,061.00
Storm Sewer Manhole, Box Base (Maintained by FHMD)	6	EA	\$ 14,061.00	=	\$ 84,366.00		\$ 84,366.00
Storm Sewer Manhole, Slab Base	2	EA	\$ 7,734.00	=	\$ 15,468.00		\$ 15,468.00
				=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"	1,124	LF	\$ 78.00	=	\$ 87,672.00		\$ 87,672.00
Water Main Pipe (Ductile Iron), Size 6"	425	LF	\$ 72.00	=	\$ 30,600.00		\$ 30,600.00
Gate Valves, 8"	7	EA	\$ 2,247.00	=	\$ 15,729.00		\$ 15,729.00
Fire Hydrant Assembly, w/ all valves	4	EA	\$ 7,978.00	=	\$ 31,912.00		\$ 31,912.00
Water Service Line Installation, inc. tap and valves	2	EA	\$ 1,601.00	=	\$ 3,202.00		\$ 3,202.00
SANITARY SEWER IMPROVEMENTS							
Sewer Main Pipe (PVC), Size 6"	499	LF	\$ 72.00	=	\$ 35,928.00		\$ 35,928.00
Sanitary Sewer Manhole, Depth < 15 feet	1	EA	\$ 5,305.00	=	\$ 5,305.00		\$ 5,305.00
Sanitary Service Line Installation, complete	2	EA	\$ 1,696.00	=	\$ 3,392.00		\$ 3,392.00
				=	\$ -		\$ -
Section 3 Subtotal				=	\$ 680,051.00		\$ 680,051.00

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

AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)	LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)	LS	\$ 2,500.00	=	\$ 2,500.00		\$ 2,500.00

Total Construction Financial Assurance \$ 1,061,876.30

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

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 1,061,876.30

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

PROJECT INFORMATION

U-Haul at Falcon	6/9/2023	PPR2256 & SF2240
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
Total Defect Warranty Financial Assurance					\$	24,839.02
<small>(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)</small>						

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