

FAE must be reviewed against Road CDs pending submission

This form will need to be updated to at least 2022 FAE if not 2023 FAE by the time the project is approved



2021 Financial Assurance
(with pre-plat construction)

Updated: 11/16/2020

PROJECT INFORMATION		
KENSHIN KARATE - LOT 1 BLOCK 1 JOHNSONS VAC	4/11/2022	
Project Name	Date	PCD File No. PPR-2167

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	900	CY	\$ 8.00	=	\$ 7,200.00		\$ 7,200.00	
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.)	1.2	AC	\$ 828.00	=	\$ 993.60		\$ 993.60	
* Mulching	1.2	AC	\$ 777.00	=	\$ 932.40		\$ 932.40	
* Permanent Erosion Control Blanket		SY	\$ 6.20	=	\$ -		\$ -	
* Permanent Pond/BMP Construction		CY	\$ 21.00	=	\$ -		\$ -	
* Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
Safety Fence	750	LF	\$ 3.10	=	\$ 2,325.00		\$ 2,325.00	
Temporary Erosion Control Blanket		SY	\$ 3.10	=	\$ -		\$ -	
Vehicle Tracking Control	1	EA	\$ 2,453.00	=	\$ 2,453.00		\$ 2,453.00	
Silt Fence	575	LF	\$ 2.60	=	\$ 1,495.00		\$ 1,495.00	
Temporary Seeding		AC	\$ 650.00	=	\$ -		\$ -	
Temporary Mulch		AC	\$ 777.00	=	\$ -		\$ -	
Erosion Bales		EA	\$ 26.00	=	\$ -		\$ -	
Erosion Logs/Straw Waddle		LF	\$ 5.20	=	\$ -		\$ -	
Rock Check Dams		EA	\$ 518.00	=	\$ -		\$ -	
Inlet Protection	5	EA	\$ 173.00	=	\$ 865.00		\$ 865.00	
Sediment Basin		EA	\$ 1,824.00	=	\$ -		\$ -	
Concrete Washout Basin	1	EA	\$ 932.00	=	\$ 932.00		\$ 932.00	
Type L riprap rundown	15	CY	\$ 100.00	=	\$ 1,500.00		\$ 1,500.00	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
MAINTENANCE (35% of Construction BMPs)					=	\$ 2,535.75		\$ 2,535.75
Section 1 Subtotal					=	\$ 21,231.75		\$ 21,231.75
SECTION 2 - PUBLIC IMPROVEMENTS *								
ROADWAY IMPROVEMENTS								
Construction Traffic Control	1	LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00	
Aggregate Base Course (135 lbs/cf)		Tons	\$ 29.00	=	\$ -		\$ -	
Aggregate Base Course (135 lbs/cf)	86	CY	\$ 52.00	=	\$ 4,477.78		\$ 4,477.78	
Asphalt Pavement (3" thick)	517	SY	\$ 14.50	=	\$ 7,491.67		\$ 7,491.67	
Asphalt Pavement (4" thick)		SY	\$ 20.00	=	\$ -		\$ -	
Asphalt Pavement (6" thick)		SY	\$ 30.00	=	\$ -		\$ -	
Asphalt Pavement overlay (147 lbs/cf) 2" thick	68	Tons	\$ 91.00	=	\$ 6,188.00		\$ 6,188.00	
Raised Median, Paved		SF	\$ 8.30	=	\$ -		\$ -	
Regulatory Sign/Advisory Sign		EA	\$ 311.00	=	\$ -		\$ -	
Guide/Street Name Sign		EA	\$ 250.00	=	\$ -		\$ -	
Epoxy Pavement Marking		SF	\$ 14.00	=	\$ -		\$ -	
Thermoplastic Pavement Marking		SF	\$ 24.00	=	\$ -		\$ -	
Barricade - Type 3		EA	\$ 207.00	=	\$ -		\$ -	
Delineator - Type I		EA	\$ 25.00	=	\$ -		\$ -	
Curb and Gutter, Type A (6" Vertical)	200	LF	\$ 30.00	=	\$ 6,000.00		\$ 6,000.00	
Curb and Gutter, Type B (Median)		LF	\$ 30.00	=	\$ -		\$ -	
Curb and Gutter, Type C (Ramp)		LF	\$ 30.00	=	\$ -		\$ -	
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$ -		\$ -	
5" Sidewalk	74	SY	\$ 62.00	=	\$ 4,615.56		\$ 4,615.56	
6" Sidewalk		SY	\$ 75.00	=	\$ -		\$ -	
8" Sidewalk		SY	\$ 99.00	=	\$ -		\$ -	
Pedestrian Ramp	2	EA	\$ 1,190.00	=	\$ 2,380.00		\$ 2,380.00	
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 63.00	=	\$ -		\$ -	
Cross Pan, collector (9" thick, 8' wide to include return)	30	LF	\$ 95.00	=	\$ 2,850.00		\$ 2,850.00	
Curb Chase		EA	\$ 1,532.00	=	\$ -		\$ -	
Guardrail Type 3 (W-Beam)		LF	\$ 51.00	=	\$ -		\$ -	
Guardrail Type 7 (Concrete)		LF	\$ 75.00	=	\$ -		\$ -	
Guardrail End Anchorage		EA	\$ 2,172.00	=	\$ -		\$ -	
Guardrail Impact Attenuator		EA	\$ 3,899.00	=	\$ -		\$ -	
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 81.00	=	\$ -		\$ -	
Sound Barrier Fence (panels, 6' high)		LF	\$ 83.00	=	\$ -		\$ -	
Electrical Conduit, Size =		LF	\$ 17.00	=	\$ -		\$ -	
Traffic Signal, complete intersection		EA	\$ 439,875	=	\$ -		\$ -	

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Project Name **Date** **PCD File No. PPR-2167**

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
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)								
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
				=	\$ -		\$ -	
WATER SYSTEM IMPROVEMENTS								
Water Main Pipe (PVC), Size 8"		LF	\$ 66.00	=	\$ -		\$ -	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 78.00	=	\$ -		\$ -	
Gate Valves, 8"		EA	\$ 1,923.00	=	\$ -		\$ -	
Fire Hydrant Assembly, w/ all valves	1	EA	\$ 6,828.00	=	\$ 6,828.00		\$ 6,828.00	
Water Service Line Installation, inc. tap and valves	2	EA	\$ 1,370.00	=	\$ 2,740.00		\$ 2,740.00	
Fire Cistern Installation, complete		EA		=	\$ -		\$ -	
Water Main Pipe (PVC), Size 6"	60	LF	\$ 45.00	=	\$ 2,700.00		\$ 2,700.00	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"		LF	\$ 66.00	=	\$ -		\$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,540.00	=	\$ -		\$ -	
Sanitary Service Line Installation, complete	2	EA	\$ 1,451.00	=	\$ 2,902.00		\$ 2,902.00	
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					=	\$ 15,170.00		\$ 15,170.00

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

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KENSHIN KARATE - LOT 1 BLOCK 1 JOHNSONS VAC

4/11/2022

Project Name

Date

PCD File No. PPR-2167

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	1	= \$ 1,000.00		\$ 1,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		=		\$ -
Total Construction Financial Assurance						\$ 76,404.75
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 76,404.75
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 9,625.80
(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.

 Engineer (P.E. Seal Required)

 Approved by Owner / Applicant

 Date

 Approved by El Paso County Engineer / ECM Administrator

 Date