add quantities

EPC STORMWATER REVIEW COMMENTS ARE SHOWN IN ORANGE BOXES WITH BLACK TEXT

Update to use latest 2019 Financia 2021 FAE form.

ADDED

brm

Please update PCD File No. to PPR2111

Updated

Updated: 6/7/2019

(with pre-plat construction)

Traffic Signal, complete intersection

PROJECT INFORMATION CLAREMONT BUSINESS PARK 2 Fil. 1 - Lot 3 2/15/2021 PCD File No. Date Project Name: (with Pre-Plat Construction) Unit Description Quantity Units Cost Total % Complete Remaining **SECTION 1 -**GRADING AND EROSION CONTROL (Construction and Permanent BMPs) less than 1,000; \$5,300 min 700 8.00 5,600.00 5,600.00 1.000-5.000: \$8.000 min \$ 6.00 5,001-20,000; \$30,000 min /CY \$ 5.00 CY 20,001-50,000; \$100,000 min 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.) AC 800.00 AC 750.00 * Permanent Erosion Control Blanket SY \$ 6.00 * Permanent Pond/BMP Construction CY 3.00 2,500.00 * Permanent Pond/BMP (Spillway) EΑ * Permanent Pond/BMP (Outlet Structure) 15.500.00 EΑ \$ Safety Fence 1 F \$ 3.00 = Temporary Erosion Control Blanket SY \$ 3.00 Vehicle Tracking Control \$ 2,370.00 2,370.00 2,370.00 EΑ = 340 850.00 850.00 Silt Fence LF 2.50 \$ Temporary Seeding AC \$ 628.00 = 628.00 628.00 Temporary Mulch AC 750.00 750.00 750.00 **Erosion Bales** EΑ \$ 25.00 Erosion Logs/Straw Waddle LF \$ 5.00 Rock Check Dams EΑ \$ 500.00 Inlet Protection EΑ 167.00 = Sediment Basin-Temp. Sediment Basin North (TSB-N) 1,762.00 EΑ \$ Concrete Washout Basin EΑ \$ 900.00 = 900.00 900.00 [insert items not listed but part of construction plans] MAINTENANCE (35% of Construction BMPs) 1,924.30 1,924.30 \$ Subject to defect warranty financial assurance. A minimum of 20% shall be tained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) Section 1 Subtotal \$ 13,022.30 13,022.30 SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control LS Aggregate Base Course (135 lbs/cf) Tons 28.00 (135 lbs/cf) 50.00 Aggregate Base Course CY \$ Asphalt Pavement (3" thick) SY \$ 14.00 Asphalt Pavement (4" thick) SY 19.00 Asphalt Pavement (6" thick) SY 29.00 " thick Asphalt Pavement (147 lbs/cf) Tons \$ 88.00 Raised Median, Paved SF \$ 8.00 300.00 Regulatory Sign/Advisory Sign EΑ \$ Guide/Street Name Sign EΑ **Epoxy Pavement Marking** SF \$ 13.00 = Thermoplastic Pavement Marking SF 23.00 Barricade - Type 3 200.00 EΑ \$ Delineator - Type I 24.00 EΑ \$ Curb and Gutter, Type A (6" Vertical) LF \$ 30.00 = Curb and Gutter, Type B LF 30.00 Curb and Gutter, Type C LF 30.00 (Ramp) = 4" Sidewalk (common areas only) SY \$ 48.00 5" Sidewalk SY \$ 60.00 = 6" Sidewalk SY 72.00 = 8" Sidewalk SY 96.00 Pedestrian Ramp EΑ 1.150.00 = Cross Pan, local (8" thick, 6' wide to include return) LF 61.00 Cross Pan, collector (9" thick, 8' wide to include return) LF 92.00 1.480.00 Curb Chase EA \$ Guardrail Type 3 (W-Beam) LF \$ 49.00 Guardrail Type 7 (Concrete) LF 72.00 Guardrail End Anchorage EΑ 2,098.00 \$ = Guardrail Impact Attenuator EΑ \$ 3.767.00 Sound Barrier Fence (CMU block, 6' high) LF \$ 78.00 Sound Barrier Fence (panels, 6' high) LF \$ 80.00 LF Electrical Conduit, Size = \$ 16.00

\$

425.000

FΑ

	PROJECT INFORMATION	
CLAREMONT BUSINESS PARK 2 Fil. 1 - Lot 3	2/15/2021	
Project Name:	Date	PCD File No.

Description	Quantity Units Cost				Total	,	-Plat Construction)		
Description	Quantity	Units	_	Cost		-	Total	% Complete	Remaining
[insert items not listed but part of construction	nlono!				=	\$			\$ - \$ -
TORM DRAIN IMPROVEMENTS	piarisj				=	\$	-		\$ -
Concrete Box Culvert (M Standard), Size (W	v H)	LF			=	\$			\$ -
18" Reinforced Concrete Pipe	х п)	LF	\$	65.00	_	\$			\$ -
24" Reinforced Concrete Pipe		LF	\$	78.00	=	\$			\$ -
30" Reinforced Concrete Pipe		LF	\$	97.00	=	\$			\$ -
36" Reinforced Concrete Pipe		LF	\$	120.00	=	\$			\$ -
42" Reinforced Concrete Pipe		LF	\$	160.00	=	\$	-		\$ -
48" Reinforced Concrete Pipe		LF	\$	195.00	=	\$	-		\$ -
54" Reinforced Concrete Pipe		LF	\$	245.00	=	\$	-		\$ -
60" Reinforced Concrete Pipe		LF	\$	288.00	=	\$	-		\$ -
66" Reinforced Concrete Pipe		LF	\$	332.00	=	\$	-		\$ -
72" Reinforced Concrete Pipe		LF	\$	380.00	=	\$	-		\$ -
18" Corrugated Steel Pipe		LF	\$	84.00	=	\$	-		\$ -
24" Corrugated Steel Pipe		LF	\$	96.00	=	\$	-		\$ -
30" Corrugated Steel Pipe		LF	\$	122.00	=	\$	-		\$ -
36" Corrugated Steel Pipe		LF	\$	147.00	=	\$	-		\$ -
42" Corrugated Steel Pipe		LF	\$	168.00	=	\$	-		\$ -
48" Corrugated Steel Pipe		LF	\$	178.00	=	\$	-		\$ -
54" Corrugated Steel Pipe		LF	\$	260.00	=	\$	-		\$ -
60" Corrugated Steel Pipe		LF	\$	280.00	=	\$	-		\$ -
66" Corrugated Steel Pipe		LF	\$	340.00	=	\$	-		\$ -
72" Corrugated Steel Pipe		LF	\$	400.00	=	\$	-		\$ -
78" Corrugated Steel Pipe		LF	\$	460.00	=	\$	-		\$ -
84" Corrugated Steel Pipe		LF	\$	550.00	=	\$	-		\$ -
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA			=	\$	-		\$ -
Flared End Section (FES) CSP Size =									
(unit cost = 6x pipe unit cost)	24"	EA	\$	520.00	=	\$	-		\$ -
Flared End Section (FES) CSP TSB-N Size									
= (unit cost = 6x pipe unit cost)	24"	EA	\$	520.00	=	\$	-		\$ -
End Treatment- Headwall	24	EA			=	\$			\$ -
End Treatment- Wingwall		EA			=	\$			\$ -
End Treatment - Cutoff Wall		EA			=	\$			\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$	5,542.00	=	\$			\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10)'	EA	\$	7,188.00	=	\$	-		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15		EA	\$	8,345.00	=	\$	-		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$	7,627.00	=	\$	-		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10)'	EA	\$	7,861.00	=	\$	-		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15		EA	\$	9,841.00	=	\$	-		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$	9,918.00	=	\$	-		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10)'	EA	\$	10,633.00	=	\$	-		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15	5'	EA	\$	11,627.00	=	\$	-		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$	10,570.00	=	\$	-		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10)'	EA	\$	11,667.00	=	\$	-		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$	4,640.00	=	\$	-		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$	5,731.00	=	\$	-		\$ -
Storm Sewer Manhole, Box Base (Type I)		EA	\$	11,627.00	=	\$	-		\$ -
Storm Sewer Manhole, Slab Base (Type II)		EA	\$	6,395.00	=	\$	-		\$ -
Storm Sewer Manhole, Slab Base (Type II) TS	SB-N	EA	\$	6,395.00	=	\$	-		\$ -
Geotextile (Erosion Control) TSB-N		SY	\$	6.00	=	\$	-		\$ -
Geotextile (Erosion Control)		SY	\$	6.00	=	\$	-		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$	80.00	=	\$	-		\$ -
Rip Rap, Grouted		Tons	\$	95.00	=	\$	-		\$ -
Drainage Channel Construction, Size (W x	H)	LF			=	\$	-		\$ -
Drainage Channel Lining, Concrete		CY	\$	570.00	=	\$	-		\$ -
Drainage Channel Lining, Rip Rap		CY	\$	112.00	=	\$	-		\$ -
Drainage Channel Lining, Grass		AC	\$	1,469.00	=	\$	-		\$ -
Drainage Channel Lining, Other Stabilization					=	\$	-		\$ -
18" PP		LF	\$	40.00	=	\$	-		\$ -
24" PP TCP N		LF	\$	48.00		\$	-		\$ -
24" PP TSB-N		LF	\$	48.00		\$	-		\$ -
						I &	-		- \$
30" PP		LF	\$	65.00		\$			· · · · · · · · · · · · · · · · · · ·
30" PP [insert items not listed but part of construction - Subject to defect warranty financial assurance. A minimum.		LF	Ф	65.00	=	\$	-		\$ -

	PROJECT INFORMATION	
CLAREMONT BUSINESS PARK 2 Fil. 1 - Lot 3	2/15/2021	
Project Name:	Date	PCD File No.

					Unit				(with Pre	-Plat	Construction)
Description		Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPM	ENT IMPRO	VEMENTS (Pri	vate or Dis	strict	t and NOT	Maintair	ned by	EPC)**			
ROADWAY IMPROVEMENTS											
Geotextile (Erosion Control)		29	SY	\$	6.00	=	\$	174.00		\$	174.00
Rip Rap d50 size 6" to 24"		30	Tons	\$	80.00	=	\$	2,400.00		\$	2,400.00
1 1/2" to 3" Rock		3	Tons	\$	38.00	=	\$	114.00		\$	114.00
^						=	\$	-		\$	-
						=	\$	-		\$	-
						=	\$	-		\$	-
STORM DRAIN IMPROVEMENTS	(Exception	on: Permanent Por	nd/BMP shall b	e iten	nized under S	Section 1)					
	Palaca	ited as re	augeta	٨		=	\$	-		\$	-
	IVEIDUC	ileu as le	queste	u		=	\$	-		\$	-
	There		1			=	\$	-		\$	-
	Inese	appear to	o be			=	\$	-		\$	-
	storm i	related				=	\$	-		\$	-
						=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS	Improv	ements.									
Water Main Pipe (PVC), Size 8"		to move	to	\$	64.00	=	\$	-		\$	-
Water Main Pipe (Ductile Iron), Size 8"				\$	75.00	=	\$	-		\$	-
Gate Valves, 8"	correct	location.		\$	1,858.00	=	\$	-		\$	-
Fire Hydrant Assembly, w/ all valves				\$	6,597.00	=	\$	-		\$	-
Water Service Line Installation, inc. tap and v	/alves		EA	\$	1,324.00	=	\$	-		\$	-
3" Fire Line w/ valve			EA	\$	1,500.00	=	\$	-		\$	-
						=	\$	-		\$	-
[insert items not listed but part of construction	n plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS											
Sewer Main Pipe (PVC), Size 8"			LF	\$	64.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet			EA	\$	4,386.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete			EA	\$	1,402.00	=	\$	-		\$	-
Sanitary Sewer Lift Station, complete			EA			=	\$	-		\$	-
Encode its annual lister of body and affect of						=	\$	-		\$	-
[insert items not listed but part of construction LANDSCAPING IMPROVEMENTS		Tau audadiudalau	aifia aandist	af a::	manual on DU	=	\$	-		\$	-
LANDSCAPING INPROVENENTS	(1	For subdivision spe		от ар	proval, or PU	,				4	
			EA EA			=	\$	-		\$	-
			EA EA			=	\$	-		\$	-
			EA			=	\$			\$	-
			EA				\$	-			-
** - Section 3 is not subject to defect warranty requirement	s			lion '	3 Subtotal	=	\$ \$	2 600 00		\$	2 600 00
22222. 2.5 not oubjoot to dolost warranty requirement	-		Sec	uon .	o oublotal	=	>	2,688.00		\$	2,688.00

	PROJECT INFORMATION	
CLAREMONT BUSINESS PARK 2 Fil. 1 - Lot 3	2/15/2021	
Project Name:	Date	PCD File No.

			Unit				(with Pre	-Plat	Construction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent Wo	QCV BMPs)	LS		=	\$	-		\$	-
POND/BMP CERTIFICATION (inc. elevations and volume ca	lculations)	LS		=	\$	-		\$	-
				Tota	I Construct	tion Financia	I Assurance	\$	15,710.30
			(Sum of all se	ction subtota	als plus as-bu	ilts and pond/BM	/IP certification)		
	Total Ren	naining Con	struction Fina	ncial Ass	urance (wit	th Pre-Plat Co	onstruction)	\$	15,710.30
	(Sum o	of all section tot	als less credit for i	tems comple	ete plus as-bu	ilts and pond/BM	MP certification)	-	•
				Total De	efect Warra	anty Financia	al Assurance	\$	1,120.00
		(20% of all ite	ems identified as (*). To be coll	lateralized at t	time of prelimina	ry acceptance)		•
		,	`	•		•	. ,		

Approvals	
I hereby certify that this is an accurate and complete estimate of costs for the work as shown or	on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.
Engineer (P.E. Seal Required)	
Approved by Owner / Applicant	Date
Assessed by FLDeer County Facilities (FCM Administratory	Ditt
Approved by El Paso County Engineer / ECM Administrator	Date