

PROJECT INFORMATION

ELDORADO SPRINGS	5/1/2020	SF-18-012
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
STORM DRAIN IMPROVEMENTS								
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -	
18" Reinforced Concrete Pipe		LF	\$ 65.00	=	\$ -		\$ -	
24" Reinforced Concrete Pipe	16.00	LF	\$ 78.00	=	\$ 1,248.00		\$ 1,248.00	
30" Reinforced Concrete Pipe	129.00	LF	\$ 97.00	=	\$ 12,513.00		\$ 12,513.00	
36" Reinforced Concrete Pipe		LF	\$ 120.00	=	\$ -		\$ -	
42" Reinforced Concrete Pipe		LF	\$ 160.00	=	\$ -		\$ -	
48" Reinforced Concrete Pipe	1200.00	LF	\$ 195.00	=	\$ 234,000.00		\$ 234,000.00	
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 = 48 <i>(unit cost = 6x pipe unit cost)</i>	1.00	EA	\$ 1,170.00	=	\$ 1,170.00		\$ 1,170.00	
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -	
End Treatment- Headwall		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'		EA	\$ 11,627.00	=	\$ -		\$ -	
Curb Inlet (Type R) L=20', Depth < 5'	3.00	EA	\$ 10,570.00	=	\$ 31,710.00		\$ 31,710.00	
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	5.00	EA	\$ 11,627.00	=	\$ 58,135.00		\$ 58,135.00	
Storm Sewer Manhole, Slab Base		EA	\$ 6,395.00	=	\$ -		\$ -	
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				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
Section 2 Subtotal					=	\$ 532,949.00		\$ 532,949.00

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

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ELDORADO SPRINGS			5/1/2020		SF-18-012		
Project Name			Date		PCD File No.		
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						% 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)							
18" Reinforced Concrete Pipe	1545.00	LF	\$ 65.00	=	\$ 100,425.00		\$ 100,425.00
24" Reinforced Concrete Pipe	1041.00	LF	\$ 78.00	=	\$ 81,198.00		\$ 81,198.00
30" Reinforced Concrete Pipe	376.00	LF	\$ 97.00	=	\$ 36,472.00		\$ 36,472.00
Flared End Section (FES) RCP Size = 18 <i>(unit cost = 6x pipe unit cost)</i>	2.00	EA	\$ 390.00	=	\$ 780.00		\$ 780.00
Flared End Section (FES) RCP Size = 24 <i>(unit cost = 6x pipe unit cost)</i>	1.00	EA	\$ 468.00	=	\$ 468.00		\$ 468.00
Flared End Section (FES) RCP Size = 30 <i>(unit cost = 6x pipe unit cost)</i>	1.00	EA	\$ 582.00	=	\$ 582.00		\$ 582.00
				=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'	8.00	EA	\$ 5,542.00	=	\$ 44,336.00		\$ 44,336.00
Curb Inlet (Type R) L =10', Depth < 5'	2.00	EA	\$ 7,627.00	=	\$ 15,254.00		\$ 15,254.00
Curb Inlet (Type R) L =15', Depth < 5'	1.00	EA	\$ 9,918.00	=	\$ 9,918.00		\$ 9,918.00
Curb Inlet (Type R) L =20', Depth < 5'	1.00	EA	\$ 10,570.00	=	\$ 10,570.00		\$ 10,570.00
Grated Inlet (Type C), Depth < 5'	4.00	EA	\$ 4,640.00	=	\$ 18,560.00		\$ 18,560.00
Storm Sewer Manhole, Slab Base	8.00	EA	\$ 6,395.00	=	\$ 51,160.00		\$ 51,160.00
Rip Rap, d50 size from 6" to 24"	67.00	Tons	\$ 80.00	=	\$ 5,360.00		\$ 5,360.00
				=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 6"	4732.00	LF	\$ 58.00	=	\$ 274,456.00		\$ 274,456.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 75.00	=	\$ -		\$ -
Gate Valves, 6"	29.00	EA	\$ 1,672.00	=	\$ 48,488.00		\$ 48,488.00
Fire Hydrant Assembly, w/ all valves	12.00	EA	\$ 6,597.00	=	\$ 79,164.00		\$ 79,164.00
Water Service Line Installation, inc. tap and valves	11.00	EA	\$ 1,324.00	=	\$ 14,564.00		\$ 14,564.00
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"	1895.00	LF	\$ 64.00	=	\$ 121,280.00		\$ 121,280.00
Sanitary Sewer Manhole, Depth < 15 feet	10.00	EA	\$ 4,386.00	=	\$ 43,860.00		\$ 43,860.00
Sanitary Service Line Installation, complete	11.00	EA	\$ 1,402.00	=	\$ 15,422.00		\$ 15,422.00
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					=	\$ 972,317.00	\$ 972,317.00

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

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Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 2,000.00	=	\$ 2,000.00		\$ 2,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 2,000.00	=	\$ 2,000.00		\$ 2,000.00
Total Construction Financial Assurance						\$	1,766,623.51
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	1,766,623.51
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$	148,949.80
(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