

PROJECT INFORMATION

OWL MARKETPLACE - PRE-SUBDIVISION GRADING

8/22/2024

CDR247

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)	992.	LF	\$ 800.00	=	\$ 793,600.00		\$ 793,600.00
18" Reinforced Concrete Pipe		LF	\$ 82.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe	16.	LF	\$ 98.00	=	\$ 1,568.00		\$ 1,568.00
30" Reinforced Concrete Pipe	130.	LF	\$ 123.00	=	\$ 15,990.00		\$ 15,990.00
36" Reinforced Concrete Pipe		LF	\$ 151.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 201.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 320.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 374.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 433.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 495.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 105.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 121.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 154.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 212.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 223.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 327.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 353.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 427.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 502.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 578.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 691.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -
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	\$ 7,212.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 9,377.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 10,859.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 9,925.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 10,230.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 12,805.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 12,907.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 13,835.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 15,130.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 13,755.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 15,181.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 15,130.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base	1.	EA	\$ 8,322.00	=	\$ 8,322.00		\$ 8,322.00
Geotextile (Erosion Control)		SY	\$ 9.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 104.00	=	\$ -		\$ -
Rip Rap, Grouted	245.	Tons	\$ 124.00	=	\$ 30,380.00		\$ 30,380.00
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 741.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 145.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,911.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
10'X6' BEND WITH ACCESS	3.	EA	\$ 12,500.00	=	\$ 37,500.00		\$ 37,500.00
10'X6' BEND	2.	EA	\$ 8,500.00	=	\$ 17,000.00		\$ 17,000.00
HEADWALL WITH HANDRAIL	1.	LS	\$ 10,000.00	=	\$ 10,000.00		\$ 10,000.00
TYPE VI STILLING BASIN	1.	EA	\$ 15,000.00	=	\$ 15,000.00		\$ 15,000.00
REMOVE & REPLACE RIPRAP	1.	LS	\$ 10,000.00	=	\$ 10,000.00		\$ 10,000.00
TRICKLE CHANNEL EXTENSION	50.	LF	\$ 35.00	=	\$ 1,750.00		\$ 1,750.00
GUARDRAIL	75.	LF	\$ 150.00	=	\$ 11,250.00		\$ 11,250.00
Section 2 Subtotal				=	\$ 959,966.00		\$ 959,966.00

* - 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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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		LF	\$ 82.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 98.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 123.00	=	\$ -		\$ -
30" Flared End Section		EA	\$ 1,200.00	=	\$ -		\$ -
10' Curb Inlet (Type R)		EA	\$ 9,925.00	=	\$ -		\$ -
Storm Sewer Manhole (Slab Base)		EA	\$ 8,332.00	=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"	975.	LF	\$ 84.00	=	\$ 81,900.00		\$ 81,900.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 98.00	=	\$ -		\$ -
Gate Valves, 8"	8.	EA	\$ 2,418.00	=	\$ 19,344.00		\$ 19,344.00
Fire Hydrant Assembly, w/ all valves	2.	EA	\$ 8,584.00	=	\$ 17,168.00		\$ 17,168.00
Water Service Line Installation, inc. tap and valves	4.	EA	\$ 1,723.00	=	\$ 6,892.00		\$ 6,892.00
Fire Cistern Installation, complete		EA		=	\$ -		\$ -
PRV and Vault	1.	EA	\$ 12,500.00	=	\$ 12,500.00		\$ 12,500.00
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
SANITARY SEWER IMPROVEMENTS							
Sewer Main Pipe (PVC), Size 8"	970.	LF	\$ 84.00	=	\$ 81,480.00		\$ 81,480.00
Sanitary Sewer Manhole, Depth < 15 feet	5.	EA	\$ 5,708.00	=	\$ 28,540.00		\$ 28,540.00
Sanitary Service Line Installation, complete	4.	EA	\$ 1,825.00	=	\$ 7,300.00		\$ 7,300.00
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					=	\$ 255,124.00	\$ 255,124.00

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

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AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 1.00	=	\$ 10,000.00	\$	10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		=	\$ -	\$	-
Total Construction Financial Assurance						\$ 1,277,132.04	
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 1,277,132.04	
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$ 197,595.00	
(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)

[Signature]

Approved by Owner / Applicant

8/21/2024

Date

9/10/2024

Approved by El Paso County Engineer / ECM Administrator

Date