

PROJECT INFORMATION

Outlook Powers & Grinnell	5/8/2023	
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)	0	LF		=	\$ -		\$ -	
18" Reinforced Concrete Pipe	32	LF	\$ 76.00	=	\$ 2,432.00		\$ 2,432.00	
24" Reinforced Concrete Pipe	0	LF	\$ 91.00	=	\$ -		\$ -	
30" Reinforced Concrete Pipe	0	LF	\$ 114.00	=	\$ -		\$ -	
36" Reinforced Concrete Pipe	0	LF	\$ 140.00	=	\$ -		\$ -	
42" Reinforced Concrete Pipe	0	LF	\$ 187.00	=	\$ -		\$ -	
48" Reinforced Concrete Pipe	802	LF	\$ 228.00	=	\$ 182,856.00		\$ 182,856.00	
54" Reinforced Concrete Pipe	0	LF	\$ 297.00	=	\$ -		\$ -	
60" Reinforced Concrete Pipe	0	LF	\$ 348.00	=	\$ -		\$ -	
66" Reinforced Concrete Pipe	0	LF	\$ 402.00	=	\$ -		\$ -	
72" Reinforced Concrete Pipe	0	LF	\$ 460.00	=	\$ -		\$ -	
18" Corrugated Steel Pipe	0	LF	\$ 98.00	=	\$ -		\$ -	
24" Corrugated Steel Pipe	0	LF	\$ 112.00	=	\$ -		\$ -	
30" Corrugated Steel Pipe	0	LF	\$ 143.00	=	\$ -		\$ -	
36" Corrugated Steel Pipe	0	LF	\$ 171.00	=	\$ -		\$ -	
42" Corrugated Steel Pipe	0	LF	\$ 197.00	=	\$ -		\$ -	
48" Corrugated Steel Pipe	0	LF	\$ 207.00	=	\$ -		\$ -	
54" Corrugated Steel Pipe	0	LF	\$ 304.00	=	\$ -		\$ -	
60" Corrugated Steel Pipe	0	LF	\$ 328.00	=	\$ -		\$ -	
66" Corrugated Steel Pipe	0	LF	\$ 397.00	=	\$ -		\$ -	
72" Corrugated Steel Pipe	0	LF	\$ 467.00	=	\$ -		\$ -	
78" Corrugated Steel Pipe	0	LF	\$ 537.00	=	\$ -		\$ -	
84" Corrugated Steel Pipe	0	LF	\$ 642.00	=	\$ -		\$ -	
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>	0	EA		=	\$ -		\$ -	
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>	0	EA		=	\$ -		\$ -	
End Treatment- Headwall	0	EA		=	\$ -		\$ -	
End Treatment- Wingwall	0	EA		=	\$ -		\$ -	
End Treatment - Cutoff Wall	0	EA		=	\$ -		\$ -	
Curb Inlet (Type R) L=5', Depth < 5'	0	EA	\$ 6,703.00	=	\$ -		\$ -	
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	0	EA	\$ 8,715.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'	0	EA	\$ 10,092.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =10', Depth < 5'	0	EA	\$ 9,224.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'	0	EA	\$ 9,507.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'	0	EA	\$ 11,901.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =15', Depth < 5'	0	EA	\$ 11,995.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'	1	EA	\$ 12,858.00	=	\$ 12,858.00		\$ 12,858.00	
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'	0	EA	\$ 14,061.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =20', Depth < 5'	0	EA	\$ 12,783.00	=	\$ -		\$ -	
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'	0	EA	\$ 14,109.00	=	\$ -		\$ -	
Grated Inlet (Type C), Depth < 5'	0	EA	\$ 5,611.00	=	\$ -		\$ -	
Grated Inlet (Type D), Depth < 5'	0	EA	\$ 6,931.00	=	\$ -		\$ -	
Storm Sewer Manhole, Box Base	11	EA	\$ 14,061.00	=	\$ 154,671.00		\$ 154,671.00	
Storm Sewer Manhole, Slab Base	0	EA	\$ 7,734.00	=	\$ -		\$ -	
Geotextile (Erosion Control)	0	SY	\$ 8.00	=	\$ -		\$ -	
Rip Rap, d50 size from 6" to 24"	0	Tons	\$ 97.00	=	\$ -		\$ -	
Rip Rap, Grouted	0	Tons	\$ 115.00	=	\$ -		\$ -	
Drainage Channel Construction, Size (W x H)	0	LF	\$ -	=	\$ -		\$ -	
Drainage Channel Lining, Concrete	0	CY	\$ 689.00	=	\$ -		\$ -	
Drainage Channel Lining, Rip Rap	0	CY	\$ 135.00	=	\$ -		\$ -	
Drainage Channel Lining, Grass	0	AC	\$ 1,776.00	=	\$ -		\$ -	
Drainage Channel Lining, Other Stabilization	0			=	\$ -		\$ -	
				=	\$ -		\$ -	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
Section 2 Subtotal					=	\$ 1,126,500.00		\$ 1,126,500.00

* - 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)							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"	4,076	LF	\$ 78.00	=	\$ 317,928.00		\$ 317,928.00
Water Main Pipe (Ductile Iron), Size 8"	0	LF	\$ 91.00	=	\$ -		\$ -
Gate Valves, 8"	34	EA	\$ 2,247.00	=	\$ 76,398.00		\$ 76,398.00
Fire Hydrant Assembly, w/ all valves	12	EA	\$ 7,978.00	=	\$ 95,736.00		\$ 95,736.00
Water Service Line Installation, inc. tap and valves	17	EA	\$ 1,601.00	=	\$ 27,217.00		\$ 27,217.00
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"	2,764	LF	\$ 78.00	=	\$ 215,592.00		\$ 215,592.00
Sanitary Sewer Manhole, Depth < 15 feet	0	EA	\$ 5,305.00	=	\$ -		\$ -
Sanitary Service Line Installation, complete	17	EA	\$ 1,696.00	=	\$ 28,832.00		\$ 28,832.00
Sanitary Sewer Lift Station, complete	0	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					=	\$ 761,703.00	\$ 761,703.00

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

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					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS		= \$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		= \$ -		\$ -
Total Construction Financial Assurance						\$ 2,150,034.95
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 2,150,034.95
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 272,800.00
(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)

 Approved by Owner / Applicant

 Date

 Approved by El Paso County Engineer / ECM Administrator

 Date