

Financial Assurance Estimate Form (with pre-plat construction)

8/6/2015

Project Information	
Woodford Manufacturing Building Addition	10/12/2018
Project Name: Lot 1, Block 1, Waynoka Road Industrial	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units		Price		% Complete	Remaining
Earthwork*	1,360.00	CY	@	\$ 5	=	\$ 6,800.00	\$ 6,800.00 *
Permanent Seeding* (inc. noxious weed mgmnt.)	1.00	AC	@	\$ 582	=	\$ 582.00	\$ 582.00 *
Mulching*	1.00	AC	@	\$ 507	=	\$ 507.00	\$ 507.00 *
Permanent Erosion Control Blanket*		SY	@	\$ 6	=	\$	\$ - *
Temporary Erosion Control Blanket		SY	@	\$ 3	=	\$	\$ -
Vehicle Tracking Control	1.00	EA	@	\$ 1,625	=	\$ 1,625.00	\$ 1,625.00
Safety Fence		LF	@	\$ 3	=	\$	\$ -
Silt Fence	750.00	LF	@	\$ 4	=	\$ 3,000.00	\$ 3,000.00
Temporary Seeding		AC	@	\$ 485	=	\$	\$ -
Temporary Mulch		AC	@	\$ 507	=	\$	\$ -
Erosion Bales		EA	@	\$ 21	=	\$	\$ -
Erosion Logs		LF	@	\$ 6	=	\$	\$ -
Rock Ditch Checks		EA	@	\$	=	\$	\$ -
Inlet Protection	2.00	EA	@	\$ 153	=	\$ 306.00	\$ 306.00
Sediment Basin	1.00	EA	@	\$ 1,625	=	\$ 1,625.00	\$ 1,625.00
Concrete Washout Basin	1.00	EA	@	\$ 776	=	\$ 776.00	\$ 776.00
			@	\$	=	\$	\$ -
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process.							
Section 1 Subtotal					=	\$ 15,221.00	\$ 15,221.00

Section 2 - Public Improvements**	Quantity	Units		Price		% Complete	Remaining
- Roadway Improvements							
Construction Traffic Control		LS	@	\$	=	\$	\$ - *
Aggregate Base Course		Tons	@	\$ 18	=	\$	\$ - *
Asphalt Pavement		Tons	@	\$ 65	=	\$	\$ - *
Raised Median, Paved		SF	@	\$ 7	=	\$	\$ - *
Electrical Conduit, Size =		LF	@	\$ 14	=	\$	\$ - *
Traffic Signal, complete intersection		EA	@	\$ 250,000	=	\$	\$ - *
Regulatory Sign		EA	@	\$ 100	=	\$	\$ - *
Advisory Sign		EA	@	\$ 100	=	\$	\$ - *
Guide/Street Name Sign		EA	@	\$	=	\$	\$ - *
Epoxy Pavement Marking		SF	@	\$ 12	=	\$	\$ - *
Thermoplastic Pavement Marking		SF	@	\$ 22	=	\$	\$ - *
Barricade - Type 3		EA	@	\$ 115	=	\$	\$ - *
Delineator (Type I)		EA	@	\$ 21	=	\$	\$ - *
Curb and Gutter, Type C (Ramp)		LF	@	\$ 21	=	\$	\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	@	\$ 16	=	\$	\$ - *
Curb and Gutter, Type B (Median)		LF	@	\$ 13	=	\$	\$ - *
Pedestrian Ramp		SY	@	\$ 108	=	\$	\$ - *

Cross Pan		SY	@	\$	\$53	=	\$		\$	-	*
Curb Chase		EA	@	\$	\$1,300	=	\$		\$	-	*
Guardrail Type 3 (W-Beam)		LF	@	\$	\$18	=	\$		\$	-	*
Guardrail Type 7 (Concrete)		LF	@	\$	\$67	=	\$		\$	-	*
Guardrail End Anchorage		EA	@	\$	\$1,978	=	\$		\$	-	*
Guardrail Impact Attenuator		EA	@	\$	\$3,564	=	\$		\$	-	*
Sound Barrier Fence		LF	@	\$	\$100	=	\$		\$	-	*
- Storm Drain Improvements											
Concrete Box Culvert (M Standard), Size (W x H)		LF	@	\$		=	\$		\$	-	*
Reinforced Concrete Pipe (RCP) Size		LF	@	\$		=	\$		\$	-	*
18" Reinforced Concrete Pipe		LF	@	\$	\$69	=	\$		\$	-	*
24" Reinforced Concrete Pipe		LF	@	\$	\$84	=	\$		\$	-	*
30" Reinforced Concrete Pipe		LF	@	\$	\$94	=	\$		\$	-	*
36" Reinforced Concrete Pipe		LF	@	\$	\$124	=	\$		\$	-	*
42" Reinforced Concrete Pipe		LF	@	\$	\$134	=	\$		\$	-	*
48" Reinforced Concrete Pipe		LF	@	\$	\$178	=	\$		\$	-	*
54" Reinforced Concrete Pipe		LF	@	\$	\$182	=	\$		\$	-	*
60" Reinforced Concrete Pipe		LF	@	\$	\$216	=	\$		\$	-	*
66" Reinforced Concrete Pipe		LF	@	\$	\$263	=	\$		\$	-	*
72" Reinforced Concrete Pipe		LF	@	\$	\$283	=	\$		\$	-	*
Corrugated Steel Pipe (CSP) Size		LF	@	\$		=	\$		\$	-	*
18" Corrugated Steel Pipe		LF	@	\$	\$66	=	\$		\$	-	*
24" Corrugated Steel Pipe		LF	@	\$	\$96	=	\$		\$	-	*
30" Corrugated Steel Pipe		LF	@	\$	\$101	=	\$		\$	-	*
36" Corrugated Steel Pipe		LF	@	\$	\$136	=	\$		\$	-	*
42" Corrugated Steel Pipe		LF	@	\$	\$147	=	\$		\$	-	*
48" Corrugated Steel Pipe		LF	@	\$	\$169	=	\$		\$	-	*
54" Corrugated Steel Pipe		LF	@	\$	\$193	=	\$		\$	-	*
60" Corrugated Steel Pipe		LF	@	\$	\$227	=	\$		\$	-	*
66" Corrugated Steel Pipe		LF	@	\$	\$278	=	\$		\$	-	*
72" Corrugated Steel Pipe		LF	@	\$	\$330	=	\$		\$	-	*
78" Corrugated Steel Pipe		LF	@	\$	\$381	=	\$		\$	-	*
84" Corrugated Steel Pipe		LF	@	\$	\$432	=	\$		\$	-	*
Flared End Section (FES) RCP		EA	@	\$		=	\$		\$	-	*
Flared End Section (FES) CSP		EA	@	\$		=	\$		\$	-	*
End Treatment- Headwall		EA	@	\$		=	\$		\$	-	*
End Treatment- Wingwall		EA	@	\$		=	\$		\$	-	*
End Treatment - Cutoff Wall		EA	@	\$		=	\$		\$	-	*
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	\$3,791	=	\$		\$	-	*
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	@	\$	\$5,044	=	\$		\$	-	*
Curb Inlet (Type R) L =5', 10'-15' Depth		EA	@	\$	\$6,027	=	\$		\$	-	*
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	@	\$	\$5,528	=	\$		\$	-	*
Curb Inlet (Type R) L =10', 5'-10' Depth		EA	@	\$	\$6,694	=	\$		\$	-	*
Curb Inlet (Type R) L =10', 10'-15' Depth		EA	@	\$	\$7,500	=	\$		\$	-	*
Curb Inlet (Type R) L =15', Depth < 5 feet		EA	@	\$	\$7,923	=	\$		\$	-	*
Curb Inlet (Type R) L =15', 5'-10' Depth		EA	@	\$	\$8,000	=	\$		\$	-	*
Curb Inlet (Type R) L =15', 10'-15' Depth		EA	@	\$	\$8,800	=	\$		\$	-	*
Curb Inlet (Type R) L =20', Depth < 5 feet		EA	@	\$	\$8,000	=	\$		\$	-	*
Curb Inlet (Type R) L =20', 5'-10' Depth		EA	@	\$	\$8,830	=	\$		\$	-	*
Curb Inlet (Type R) L =____', ____' - ____' Depth		EA	@	\$		=	\$		\$	-	*
Curb Inlet (Type R) L =____', ____' - ____' Depth		EA	@	\$		=	\$		\$	-	*
Grated Inlet (Type C), < 5' deep		EA	@	\$	\$3,270	=	\$		\$	-	*
Grated Inlet (Type D), < 5' deep		EA	@	\$	\$3,908	=	\$		\$	-	*
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	@	\$	\$8,592	=	\$		\$	-	*
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$	\$4,575	=	\$		\$	-	*
Geotextile (Erosion Control)		SY	@	\$	\$5	=	\$		\$	-	*
Rip Rap, d50 Size from 6" to 24"		CY	@	\$	\$98	=	\$		\$	-	*
Rip Rap, Grouted		CY	@	\$	\$215	=	\$		\$	-	*
Drainage Channel Construction, Size (W x H)		LF	@	\$		=	\$		\$	-	*
Channel Lining, Concrete		CY	@	\$	\$450	=	\$		\$	-	*

Channel Lining, Rip Rap		CY	@	\$	\$98	=	\$		\$	-	*	
Channel Lining, Grass		AC	@	\$	\$1,287	=	\$		\$	-	*	
Channel Lining, Other Stabilization		SY	@	\$	\$3	=	\$		\$	-	*	
Detention Outlet Structure		EA	@	\$		=	\$		\$	-	*	
Detention Emergency Spillway		EA	@	\$		=	\$		\$	-	*	
Permanent Water Quality Facility (Describe)		EA	@	\$		=	\$		\$	-	*	
<p>* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process. For flared end sections, multiply pipe LF cost by 6</p>												
				Section 2 Subtotal		=	\$					**



Section 3 - Common Development Improvements (Private or District)***	Quantity	Units	Price		% Complete	Remaining
- Roadway Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
Concrete Sidewalk		SY	@ \$ \$38	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
- Storm Drain Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
			@ \$	= \$		\$ -
12" HDPE Pipe	360.00	LF	@ \$ \$40	= \$ 14,400.00		\$ 14,400.00
Grated Inlet (Type C), < 5' deep	1.00	EA	@ \$ \$3,270	= \$ 3,270.00		\$ 3,270.00
Rain Garden	1.00	LS	@ \$ 8,000	= \$ 8,000.00		\$ 8,000.00
Concrete Overflow Chase	1.00	LS	@ \$ 1,000	= \$ 1,000.00		\$ 1,000.00
4" PVC Underdrain	410.00	LF	@ \$ 15	= \$ 6,150.00		\$ 6,150.00
			@ \$	= \$		\$ -
- Water System Improvements						
Water Main Pipe (PVC), Size 8"		LF	@ \$ \$94	= \$		\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	@ \$ \$137	= \$		\$ -
Gate Valves, 8"		EA	@ \$ \$1,852	= \$		\$ -
Fire Hydrant Assembly w/ all valves		EA	@ \$ \$6,430	= \$		\$ -
Water Service Line Installation, including tap and valves		EA	@ \$ 1,253	= \$		\$ -
Fire Cistern Installation, complete		EA	@ \$	= \$		\$ -
- Sanitary Sewer Improvements						
Sewer Main Pipe (PVC), Size 8"		LF	@ \$ \$94	= \$		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	@ \$ \$4,575	= \$		\$ -
Sanitary Service Line Installation, complete		EA	@ \$ 1,516	= \$		\$ -
Sanitary Sewer Lift Station, complete		EA	@ \$	= \$		\$ -
- Landscaping (If Applicable)						
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA	@ \$	= \$		\$ -
		EA	@ \$	= \$		\$ -
		EA	@ \$	= \$		\$ -
		EA	@ \$	= \$		\$ -
		EA	@ \$	= \$		\$ -
***items in this section are not subject to defect warranty financial assurance						
Section 3 Subtotal				= \$	32,820.00	32,820.00

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.)	\$ 1,000
Total Construction Financial Assurance	\$49,041.00
(Sum of all section subtotals)	
Total Remaining Construction Financial Assurance	49,041.00
(Sum of all section totals less credit for items complete)	
Total Defect Warranty Financial Assurance	\$1,577.80
(20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance)	

Approvals

I hereby certify that this is an accurate and complete representation of the work shown on the approved Construction Drawings associated with the Project.

	<p style="text-align: center;">10/25/18</p>
Engineer	Date
	<p style="text-align: center;">10-29-18</p>
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date

