2018 Financial Assurance Estimate Form (for Detention Pond)

Project Information

All About Outdoor Storage Detention Pond

Project Name

Section 1 - Grading and Erosion Control BMPs	Quantity	Units			Price		% Complete	Remaining
Earthwork*		C¥	@	\$	\$5	=	\$	\$
Permanent Seeding* (inc. noxious weed mgmnt.)		AC	@	\$	\$582	=	\$	\$
Mulching*		AC	@	\$	\$507	=	\$	\$
Permanent Erosion Control Blanket*		S¥	@	\$	\$6	=	\$	\$
Temporary Erosion Control Blanket		S¥	@	\$	\$3		\$	\$
Vehicle Tracking Control		EA	@	\$	\$1,625	=	\$	\$
Safety Fence		LF	@	\$	\$3	=	\$	\$
Silt Fence		LF	@	\$	\$4	=	\$	\$
Temporary Seeding		AC	@	\$	\$485	=	\$	\$
Temporary Mulch		AC	@	\$	\$507	=	\$	\$
Erosion Bales		EA	@	\$	\$21	=	\$	\$
Erosion Logs		LF	@	\$	\$6	=	\$	\$
Rock Ditch Checks		EA	@	\$		=	\$	\$
Inlet Protection		EA	@	\$	\$153	=	\$	\$
Sediment Basin		EA	@	\$	\$1,625	=	\$	\$
Concrete Washout Basin		EA	@	\$	\$776	=	\$	\$
			@	\$		=	\$	\$
* Subject to defect warranty financial assurance. DO NOT- ENTER MORE THAN 80% COMPLETE. A minimum of 20%								
to be retained up to final acceptance process.				Sectio	on 1 Subtota	=	\$	\$

12/14/2018 Date

Section 2 - Public Improvements**	Quantity	Units			Price		% Complete	Remaining
- Roadway Improvements								
Construction Traffic Control		ŁS	@	\$		=	\$	\$
Aggregate Base Course		Tons	@	\$	\$18	=	\$	\$
Asphalt Pavement		Tons	@	\$	\$65	=	\$	\$
Raised Median, Paved		SF	@	\$	\$7	=	\$	\$
Electrical Conduit, Size =		ŁF	@	\$	\$14	=	\$	\$
Fraffic Signal, complete intersection		EA	@	\$	\$250,000	=	\$	\$
Regulatory Sign		EA	@	\$	\$100	=	\$	\$
Advisory Sign		EA	@	\$	\$100	=	\$	\$
Guide/Street Name Sign		EA	@	\$			\$	\$
Epoxy Pavement Marking		SF	@	\$	\$12	=	\$	\$
Fhermoplastic Pavement Marking		SF	@	\$	\$22	=	\$	\$
3arricade - Type 3		EA	@	\$	\$115	=	\$	\$
Delineator (Type I)		EA	@	\$	\$21	=	\$	\$
Curb and Gutter, Type C (Ramp)		ŁF	@	\$	\$21	=	\$	\$
Curb and Gutter, Type A (6" Vertical)		ŁF	@	\$	\$16	=	\$	\$
Curb and Gutter, Type B (Median)		LF .	@	\$	\$13	=	\$	\$
Concrete Sidewalk, 4"		S¥	@		\$38		\$	\$
Concrete Sidewalk, 5"		S¥	@		\$48		\$	\$
Concrete Sidewalk, 6"		S¥	@		\$57		\$	\$
Pedestrian Ramp		SY	@	\$	\$108	=	\$	\$

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Barentaling PA					-				_	<u> </u>	^
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Saund-Burder-Fence IP					-			_	_	\$	*
Sitem Drain Improvements I									_	\$	*
Concerse Day Calver M Singer (W + M +) F Ø S S S S If Reinforced Concrete Pipe LF Ø S.884 S S 27 Reinforced Concrete Pipe LF Ø S.884 S S 27 Reinforced Concrete Pipe LF Ø S.844 S S 38 Reinforced Concrete Pipe LF Ø S.844 S S 47 Reinforced Concrete Pipe LF Ø S.814 S S S 67 Reinforced Concrete Pipe LF Ø S.8122 S S S 67 Reinforced Concrete Pipe LF Ø S.8265 S S S 67 Reinforced Concrete Pipe LF Ø S.8265 S S S 67 Reinforced Concrete Pipe LF Ø S.8265 S S S 67 Concrupted Steel Pipe LF Ø S.866 S S S 67 Concrupted Steel Pipe LF Ø	Sound Barrier Fence		LF	@	\$	\$100	=	\$	_	\$	*
Reinforced Concrete Pipe (RCP) Size IF IF <thif< th=""> <thif< th=""> IF</thif<></thif<>					•			•			
11P Reinforced Concrete Pipe IF 0 \$ 590 5 \$ 24P Reinforced Concrete Pipe IF 0 \$ 584 = \$ \$ 24P Reinforced Concrete Pipe IF 0 \$ 5124 = \$ \$ 24P Reinforced Concrete Pipe IF 0 \$ 5124 = \$ \$ 24P Reinforced Concrete Pipe IF 0 \$ 5182 \$ \$ \$ 24P Reinforced Concrete Pipe IF 0 \$ 2283 = \$ \$ \$ 24P Reinforced Concrete Pipe IF 0 \$ 2283 = \$									_		- *
24 Performed Concrete Pipe IF 0 \$ \$484 = \$ \$ 30° Reinforced Concrete Pipe IF 0 \$ \$124 = \$ \$ 47 Reinforced Concrete Pipe IF 0 \$ \$178 = \$ \$ 47 Reinforced Concrete Pipe IF 0 \$ \$178 = \$ \$ \$ 54° Reinforced Concrete Pipe IF 0 \$ \$178 = \$ </td <td> ,</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>- *</td>	,				_				_		- *
307 Reinforced Concrete Pipe IF 0 \$ \$134 \$ \$ \$ 317 Reinforced Concrete Pipe IF 0 \$ \$134 \$ \$ \$ 417 Reinforced Concrete Pipe IF 0 \$ \$1124 = \$ \$ \$ 647 Reinforced Concrete Pipe IF 0 \$ \$1122 = \$ \$ \$ 647 Reinforced Concrete Pipe IF 0 \$ \$2283 = \$					_				_		*
BF Reinforced Concrete Pipe LF E S S124 = S 42 Reinforced Concrete Pipe LF 0 S S S 54 Reinforced Concrete Pipe LF 0 S S S 67 Reinforced Concrete Pipe LF 0 S S S 67 Reinforced Concrete Pipe LF 0 S S S 72 Reinforced Concrete Pipe LF 0 S S S 27 Centraget Steel Pipe LF 0 S S S S 27 Conzaled Steel Pipe LF 0 S S S S S 37 Conzaled Steel Pipe LF 0 S <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>*</td>					-				_		*
27 Reinforced Concrete Pipe F 0 \$ \$134 = \$ \$ 48 Reinforced Concrete Pipe LF 0 \$ \$162 \$ <td< td=""><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td>_</td><td>· ·</td><td>_ *</td></td<>	· · · · · · · · · · · · · · · · · · ·				_				_	· ·	_ *
48* Reinforced Concrete Pipe LF 0 \$ \$172 = \$ \$ 54* Reinforced Concrete Pipe LF 0 \$ \$2523 = \$ \$ 66* Reinforced Concrete Pipe LF 0 \$ \$2523 = \$ \$ 72* Reinforced Concrete Pipe LF 0 \$ \$2523 = \$ \$ 24* Compated Steel Pipe LF 0 \$ \$266 = \$ \$ \$ 24* Compated Steel Pipe LF 0 \$ \$366 = \$	· · · · · · · · · · · · · · · · · · ·				_				_		
G4* Reinforced Concrete Pipe LF 0 \$ \$ \$ \$ G6* Reinforced Concrete Pipe LF 0 \$ \$ \$ \$ Corrugated Steel Pipe (CSP) Size LF 0 \$ \$ \$ \$ Corrugated Steel Pipe (CSP) Size LF 0 \$									_		
60° Reinforced Concrete Pipe LF 0 \$ \$ \$ 60° Reinforced Concrete Pipe LF 0 \$ \$ \$ 72° Reinforced Concrete Pipe LF 0 \$ \$ \$ 18° Corrugated Steel Pipe (SCP) Size LF 0 \$ \$ \$ 18° Corrugated Steel Pipe LF 0 \$ \$ \$ \$ 20° Corrugated Steel Pipe LF 0 \$ \$ \$ \$ 20° Corrugated Steel Pipe LF 0 \$ \$ \$ \$ \$ 20° Corrugated Steel Pipe LF 0 \$ <t< td=""><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td>_</td><td></td><td>- *</td></t<>					_				_		- *
66* Reinforced Concrete Pipe LF 0 \$ \$ \$283 = \$ \$ 72* Reinforced Concrete Pipe LF 0 \$ \$ \$283 = \$ \$ 10* Corrugated Steel Pipe LF 0 \$ \$ \$66 = \$ \$ 24* Corrugated Steel Pipe LF 0 \$ \$ \$66 = \$ \$ 24* Corrugated Steel Pipe LF 0 \$ \$ \$101 = \$ \$ 36* Corrugated Steel Pipe LF 0 \$ \$ \$161 = \$ \$ 36* Corrugated Steel Pipe LF 0 \$ \$ \$162 = \$ \$ \$ 66* Corrugated Steel Pipe LF 0 \$ \$ \$273 = \$ \$ \$ \$ 66* Corrugated Steel Pipe LF 0 \$ \$ \$233 = \$									_		_ *
2^{2} Reinforced Concrute Pipe LF 0 5 223 2 5 5 Corrugated Steel Pipe LF 0 5 5 5 24' Corrugated Steel Pipe LF 0 5 5 5 24' Corrugated Steel Pipe LF 0 5 5 5 24' Corrugated Steel Pipe LF 0 5 5 5 26' Corrugated Steel Pipe LF 0 5 5 5 26' Corrugated Steel Pipe LF 0 5 5 5 26' Corrugated Steel Pipe LF 0 5 5 5 60' Corrugated Steel Pipe LF 0 5 5 5 5 27' Corrugated Steel Pipe LF 0 5	· · · · · · · · · · · · · · · · · · ·										- *
Corrugated Steel PipeSizeLF \oplus $\frac{5}{5}$ $=$ $\frac{5}{5}$ $\frac{5}{5}$ 24' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 30' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 36' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 36' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 34' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 34' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 36' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 37' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 36' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 37' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 36' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ $\frac{5}{5}$ $\frac{5}{5}$ 36' Corrugated Steel PipeLF \oplus $\frac{5}{5}$ <td></td> <td>- *</td>											- *
18* Corrugated Steel Pipe LF \oplus \$ \$ \$ \$ 24* Corrugated Steel Pipe LF \oplus \$ \$ </td <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>\$283</td> <td></td> <td></td> <td></td> <td></td> <td>- *</td>					_	\$283					- *
24* Corrugated Steel Pipe LF @ \$ \$ \$ 30* Corrugated Steel Pipe LF @ \$ \$ \$ \$ 42* Corrugated Steel Pipe LF @ \$ \$ \$ \$ \$ 42* Corrugated Steel Pipe LF @ \$ <td>Corrugated Steel Pipe (CSP) Size</td> <td></td> <td>LF</td> <td>@</td> <td></td> <td></td> <td>=</td> <td></td> <td>_</td> <td></td> <td>_ *</td>	Corrugated Steel Pipe (CSP) Size		LF	@			=		_		_ *
30° Corrugated Steel Pipe LF \oplus \$ \$101 = \$ \$ 30° Corrugated Steel Pipe LF \oplus \$ \$147 = \$ \$ \$ 42° Corrugated Steel Pipe LF \oplus \$ \$163 = \$ \$ \$ 64° Corrugated Steel Pipe LF \oplus \$ \$193 = \$ \$ \$ 66° Corrugated Steel Pipe LF \oplus \$ \$2278 = \$	18" Corrugated Steel Pipe				_	\$66	=				_ *
36' Corrugated Steel Pipe LF \oplus \$ \$137 = \$ \$ 42' Corrugated Steel Pipe LF \oplus \$ \$143 = \$ \$ 43' Corrugated Steel Pipe LF \oplus \$ \$143 = \$ \$ 64' Corrugated Steel Pipe LF \oplus \$ \$227 = \$ \$ 66' Corrugated Steel Pipe LF \oplus \$ \$2330 = \$ \$ 72' Corrugated Steel Pipe LF \oplus \$ \$3341 = \$ \$ \$ 72' Corrugated Steel Pipe LF \oplus \$ \$3331 = \$	24" Corrugated Steel Pipe		LF	@	\$	\$96	=	\$		\$	_ *
42* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$147 = \$ \$ 43* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$169 = \$ \$ 64* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$127 = \$ \$ 65* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$227 = \$ \$ 66* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$2331 = \$ \$ 72* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$3331 = \$ \$ \$ 72* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$3331 = \$ \$ \$ \$ 73* Corrugated Steel Pipe LF $\textcircled{0}$ \$ \$3331 = \$ <td< td=""><td>30" Corrugated Steel Pipe</td><td></td><td>LF</td><td>@</td><td>\$</td><td>\$101</td><td>=</td><td>\$</td><td></td><td>\$</td><td>- *</td></td<>	30" Corrugated Steel Pipe		LF	@	\$	\$101	=	\$		\$	- *
48° Corrugated Steel Pipe LF Ø \$ \$169 = \$ \$ 64° Corrugated Steel Pipe LF Ø \$ \$133 = \$ \$ 60° Corrugated Steel Pipe LF Ø \$ \$278 = \$ \$ 60° Corrugated Steel Pipe LF Ø \$ \$278 = \$ \$ 72° Corrugated Steel Pipe LF Ø \$ \$3301 = \$ \$ \$ 78° Corrugated Steel Pipe LF Ø \$ \$ \$432 = \$ </td <td>36" Corrugated Steel Pipe</td> <td></td> <td>LF</td> <td>@</td> <td>\$</td> <td>\$136</td> <td>=</td> <td>\$</td> <td></td> <td>\$</td> <td>- *</td>	36" Corrugated Steel Pipe		LF	@	\$	\$136	=	\$		\$	- *
54° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ 60° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 66° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 72° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 73° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLF $\textcircled{0}$ $$$ $$$ $$$ $$$ 74° Corrugated Steel PipeLFLF $\textcircled{0}$ $$$ $$$ $$$ 74° Corrugated Steel PipeLFEA<	42" Corrugated Steel Pipe		LF	@	\$	\$147	=	\$		· ·	_ *
60° Corrugated Steel Pipe LF Interference	48" Corrugated Steel Pipe		LF	@	\$	\$169	=	\$		\$	_ *
66* Corrugated Steel Pipe LF (i) \$ \$ \$ \$ \$ \$ \$ \$ 72* Corrugated Steel Pipe LF (i) \$ \$ \$ \$ \$ \$ \$ \$ \$ 78* Corrugated Steel Pipe LF (ii) \$ \$ \$ \$ \$ \$ \$ \$ \$ 78* Corrugated Steel Pipe LF (iii) \$ \$ \$ \$ \$ \$ \$ \$ \$ 78* Corrugated Steel Pipe LF (iii) \$ \$ \$ \$ \$ \$ \$ \$ \$ 78* Corrugated Steel Pipe LF (iiii) \$ \$ \$ \$ \$ \$ \$ \$ 78* Corrugated Steel Pipe LF (iiiiiii) \$ \$ \$ \$ \$ \$ \$ \$ 84* Corrugated Steel Pipe LF (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	54" Corrugated Steel Pipe		LF	@	\$	\$193	=	\$		\$	- *
T2' Corrugated Steel PipeLF $\textcircled{0}$ $$$ \$330 $=$ \$\$78' Corrugated Steel PipeLF $\textcircled{0}$ \$\$381 $=$ \$\$84' Corrugated Steel PipeLF $\textcircled{0}$ \$\$381 $=$ \$\$Flared End Section (FES) RCP \uparrow EA $\textcircled{0}$ \$ $=$ \$\$Flared End Section (FES) CSP \uparrow EA $\textcircled{0}$ \$ $=$ \$\$End Treatment- HeadwallEA $\textcircled{0}$ \$ $=$ \$\$\$End Treatment- VingwallEA $\textcircled{0}$ \$ $=$ \$\$End Treatment- Cutoff WallCurb Inlet (Type R) L=5', 5'-10' DepthEA $\textcircled{0}$ \$\$\$Curb Inlet (Type R) L=5', 10'-15' DepthEA $\textcircled{0}$ \$\$\$\$Curb Inlet (Type R) L=10', 10'-15' DepthEA $\textcircled{0}$ \$\$\$\$Curb Inlet (Type R) L=15', 5'-10' DepthEA $\textcircled{0}$ \$\$\$\$Curb Inlet (Type R) L=15', 5'-10' DepthEA $\textcircled{0}$ \$\$\$\$Curb Inlet (Type R) L=15', 10'-15' DepthEA $\textcircled{0}$ \$\$\$\$\$Curb Inlet (Type R) L=15', 10'-15' DepthEA $\textcircled{0}$ \$\$\$\$\$Curb Inlet (Type R) L=15', 10'-15' DepthEA $\textcircled{0}$ \$\$\$\$\$Curb Inlet (Type R) L=2', 5'-10' DepthEA $\textcircled{0}$ \$\$\$\$\$\$ <td>60" Corrugated Steel Pipe</td> <td></td> <td>LF</td> <td>@</td> <td>\$</td> <td>\$227</td> <td>=</td> <td>\$</td> <td></td> <td>\$</td> <td>- *</td>	60" Corrugated Steel Pipe		LF	@	\$	\$227	=	\$		\$	- *
78' Corrugated Steel Pipe LF 0 \$ \$ \$ 84' Corrugated Steel Pipe LF 0 \$ \$ \$ Flared End Section (FES) RCP + EA 0 \$ = \$ \$ Flared End Section (FES) RCP + EA 0 \$ = \$ \$ Flared End Section (FES) RCP + EA 0 \$ = \$ \$ \$ End Treatment-Headwall EA 0 \$ = \$	66" Corrugated Steel Pipe		LF	@	\$	\$278	=	\$		\$	_ *
84* Corrugated Steel Pipe LF @ \$ \$ Flared End Section (FES) RCP + EA @ \$ = \$ Flared End Section (FES) RCP + EA @ \$ = \$ \$ End Treatment-Headwall EA @ \$ = \$ \$ \$ End Treatment-Wingwall EA @ \$ = \$ \$ \$ End Treatment-Wingwall EA @ \$ = \$ \$ \$ End Treatment- Cutoff Wall EA @ \$ \$ \$ \$ \$ \$ Curb Inlet (Type R) L=5', 10' 15' Depth EA @ \$ \$\$ \$ </td <td>72" Corrugated Steel Pipe</td> <td></td> <td>LF</td> <td>@</td> <td>\$</td> <td>\$330</td> <td>=</td> <td>\$</td> <td></td> <td>\$</td> <td>- *</td>	72" Corrugated Steel Pipe		LF	@	\$	\$330	=	\$		\$	- *
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', 5'-10' Depth EA @ \$ <td>78" Corrugated Steel Pipe</td> <td></td> <td>LF</td> <td>@</td> <td>\$</td> <td>\$381</td> <td>=</td> <td>\$</td> <td></td> <td>\$</td> <td>_ *</td>	78" Corrugated Steel Pipe		LF	@	\$	\$381	=	\$		\$	_ *
Flared End Section (FES) CSP + EA @ \$ = \$ \$ End Treatment- Headwall EA @ \$ = \$ \$ \$ End Treatment- Vuloff Wall EA @ \$ = \$ \$ \$ End Treatment - Cutoff Wall EA @ \$ = \$ \$ \$ Curb Inlet (Type R) L=5', Depth < 5 feet	84" Corrugated Steel Pipe		LF	@	\$	\$432	=	\$		\$	_ *
End Treatment- Headwall EA @ \$ = \$ \$ End Treatment- Wingwall EA @ \$ = \$ \$ End Treatment - Cutoff Wall EA @ \$ = \$ \$ Curb Inlet (Type R) L=5', Depth 5 feet EA @ \$ \$ \$ \$ Curb Inlet (Type R) L=5', 10' Depth EA @ \$ \$5,044 \$ \$ \$ Curb Inlet (Type R) L=5', 10' 15 Depth EA @ \$ \$6,027 \$ \$ \$ \$ Curb Inlet (Type R) L = 10', 5'-10' Depth EA @ \$ \$6,694 = \$	· · · · · · · · · · · · · · · · · · ·		EA	@	\$		=	\$		\$	_ *
End Treatment - Wingwall EA @ \$ = \$ \$ End Treatment - Cutoff Wall EA @ \$ = \$ \$ Curb Inlet (Type R) L=5', 5'-10' Depth EA @ \$ \$ \$ \$ Curb Inlet (Type R) L=5', 10'-15 Depth EA @ \$ \$ \$ \$ \$ Curb Inlet (Type R) L=5', 10'-15 Depth EA @ \$	Flared End Section (FES) CSP +		EA	@	\$		=	\$		\$	_ *
End Treatment - Cutof Wall EA @ \$ = \$ \$ Curb Inlet (Type R) L=5', Depth < 5 feet	End Treatment- Headwall		EA	@	\$		=	\$		\$	_ *
Curb Inlet (Type R) L=5', Depth < 5 feet	End Treatment- Wingwall		EA	@	\$		=	\$		\$	_ *
Curb Inlet (Type R) L=5', 5'-10' Depth EA @ \$ <td>End Treatment - Cutoff Wall</td> <td></td> <td>EA</td> <td>@</td> <td>\$</td> <td></td> <td>=</td> <td>\$</td> <td></td> <td>\$</td> <td>- *</td>	End Treatment - Cutoff Wall		EA	@	\$		=	\$		\$	- *
Curb Inlet (Type R) L =5', 10'-15' Depth EA @ \$\$6,027 = \$\$ Curb Inlet (Type R) L =10', Depth < 5 feet	Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	\$3,791	=	\$		\$	- *
Curb Inlet (Type R) L =10', Depth < 5 feet	Curb Inlet (Type R) L=5', 5'-10' Depth		EA	@	\$	\$5,044		\$		\$	- *
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', 5'-10' Depth EA @ \$ \$7,923 = \$ Curb Inlet (Type R) L =15', 5'-10' Depth EA @ \$ \$8,000 = \$ Curb Inlet (Type R) L =15', 5'-10' Depth EA @ \$ \$8,000 = \$ Curb Inlet (Type R) L =20', Depth < 5 feet	Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	@	\$	\$6,027	=	\$		\$	- *
Curb Inlet (Type R) L =10', 10'-15' Depth EA (a) \$\$\$7,500 = \$\$ \$\$ Curb Inlet (Type R) L =15', Depth < 5 feet	Curb Inlet (Type R) L =10', Depth < 5 feet		EA	@	\$	\$5,528	=	\$		\$	- *
Curb Inlet (Type R) L =15', Depth < 5 feet	Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	@	\$	\$6,694	=	\$		\$	- *
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	Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	@	\$	\$7,500	=	\$		\$	- *
Curb Inlet (Type R) L =15', 10'-15' Depth EA @ \$ \$8,800 = \$ <	Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	@	\$	\$7,923	=	\$		\$	- *
Curb Inlet (Type R) L =20', Depth < 5 feet	Curb Inlet (Type R) L =15' , 5'-10' Depth		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 @ \$ = \$ \$ \$ Curb Inlet (Type R) L =','' Depth EA @ \$ = \$ \$ \$ \$ Grated Inlet (Type C), < 5' deep	Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	@	\$	\$8,800	=	\$		\$	- *
Curb Inlet (Type R) L =','' Depth EA @ \$ = \$ \$ • Curb Inlet (Type R) L =','' Depth EA @ \$ = \$ \$ \$ Grated Inlet (Type C), < 5' deep	Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	@	\$	\$8,000	=	\$		\$	_ *
Curb Inlet (Type R) L =','' Depth EA @ \$ = \$ \$ • Curb Inlet (Type R) L =','' Depth EA @ \$ = \$ \$ \$ Grated Inlet (Type C), < 5' deep			EA	@	-	\$8,830	=			\$	_ *
Curb Inlet (Type R) L =','' Depth EA @ \$ = \$ \$ \$ Grated Inlet (Type C), < 5' deep			EA	@	\$		=	\$		\$	_ *
Grated Inlet (Type C), < 5' deep			EA	@	\$		=	\$		\$	_ *
Grated Inlet (Type D), < 5' deep			EA		\$	\$3,270	=	\$		\$	*
Storm Sewer Manhole, Box Base, Depth < 15 feet		_	EA	@	\$		=	\$		\$	_ *
Storm Sewer Manhole, Slab Base, Depth < 15 feet EA @ \$ \$4,575 = \$			EA		_		=	\$		\$	_ *
Geotextile (Erosion Control) SY @ \$ \$5 = \$ \$ Rip Rap, d50 Size from 6" to 24" CY @ \$ <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>=</td> <td>\$</td> <td></td> <td>\$</td> <td>- *</td>					_		=	\$		\$	- *
Rip Rap, d50 Size from 6" to 24" CY @ \$ \$98 = \$					_		=			\$	- *
					_		=			_	- *
					_						_ *
Drainage Channel Construction, Size (W x H)						<u> </u>				· ·	_ *
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	@	\$ 	=	\$			\$	_ *	
Permanent Water Quality Facility (Describe)	~~~~~	EA EA	@	\$ $\overline{\mathbf{x}}$	(=	x \$ \$	$\gamma\gamma\gamma$	$\gamma\gamma\gamma$	\$	ŶŶŢŶ	\neg
Pond Excavation	1,597.00	CY	@	\$ 5	=	\$	7,985.00		\$	7,985.00	
Pond Embankment	28.00	CY	@	\$ 10	=	\$	280.00		\$	280.00	
Modify riser pipe	1.00	LS	@	\$ 300	=	\$	300.00		\$	300.00	
27" HDPE	38.00	LF	@	\$ 20	=	\$	760.00		\$	760.00	
Engineering estimate	1.00		@	\$ 933	=	\$	932.50		\$	932.50	
Please Note: We already own the Rip Rap needed for					ل	J	<u></u>	u	۲	<u> </u>	ړ
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to final acceptance process. + For flared end sections, multiply pipe LF					_		10,257.50			10,257.50 **	

Move to Section 3. These are not public improvements.

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, 4" thick		SY	@	\$	\$38	=	\$	\$
		_	@	\$		=	\$	\$
		_	@	\$		=	\$ 	\$
-Storm Drain Improvements								
(Include any applicable items from above Public-			@	\$		=	\$	\$
Improvements list, that are to be private and NOT			@	\$		=	\$	\$
naintained by El Paso County)			@	\$		=	\$	\$
			@	\$		=	\$	\$
		-	@	\$		=	\$	\$
		-	@	\$		=	\$	\$
-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		EA	@	\$		=	\$	\$ -
of subdivision specific condition of approval, or PUD)		EA	@	\$		=	\$	
		EA	@	\$		=	\$	\$ -
		EA	@	\$		=	\$	\$ -
Please Note: We already own the boulders and grass see All About Outdoor Storage	d needed for lan	-						
***items in this section are not subject to defect warranty								
înancial assurance				Section	n 3 Subtota	1 =	\$	

Provide a quantity for detention pond verification.

Financial Assurance Totals		
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPR	OVEMENTS) \$	•
(Inc. survey to verify detention pond volumes.)	Total Construction Financial Assurance	\$10,257.50
	(Sum of all section subtotals)	
	Total Remaining Construction Financial Assurance	10,257.50
	(Sum of all section totals less credit for items complete)	
	Total Defect Warranty Financial Assurance	\$2,051.50
(20% of all items identified as public impro	wements(*). To be collateralized at time of preliminary acceptance)	

Approvals			
I hereby certify that this is an accurate a	and complete estimate of costs for the work a	s shown on the approved Construction Dra	awings associated with the Project.
Engineer		Date	
5	(P.E. Seal)		
Helly McKeen (Applicant)	December 14th, 2015		
Approved by Owner / Applicant		Date	
Approved by El Paso Couny Engineer / E	ECM Administrator	Date	