

2015 Financial Assurance Estimate Form

(Basic form)

8/6/2015

| | |
|---|----------|
| Project Information | |
| ENT Credit Union - Lot 1, Claremont Ranch Filing No. 9B | 3/7/2018 |
| Project Name | Date |

Revise to 0.24

| Section 1 - Grading and Erosion Control BMPs | Quantity | Units | | Price | | |
|--|----------|-------|---|----------|---|---------------------|
| Earthwork* | 1,152.00 | CY | @ | \$ 5 | = | \$ 5,760.00 * |
| Permanent Seeding* (inc. noxious weed management) | 0.24 | AC | @ | \$ 582 | = | \$ 136.77 * |
| Mulching* | 0.15 | AC | @ | \$ 507 | = | \$ 77.06 * |
| Permanent Erosion Control Blanket* | | SY | @ | \$ 6 | = | \$ * |
| Temporary Erosion Control Blanket | | SY | @ | \$ 3 | = | \$ |
| Vehicle Tracking Control | 1.00 | EA | @ | \$ 1,625 | = | \$ 1,625.00 |
| Safety Fence | 736.00 | LF | @ | \$ 3 | = | \$ 2,208.00 |
| Silt Fence | 483.00 | LF | @ | \$ 4 | = | \$ 1,932.00 |
| Temporary Seeding | | AC | @ | \$ 485 | = | \$ |
| Temporary Mulch | | AC | @ | \$ 507 | = | \$ |
| Erosion Bales | | EA | @ | \$ 21 | = | \$ |
| Erosion Logs | | LF | @ | \$ 6 | = | \$ |
| Rock Ditch Checks | | EA | @ | \$ | = | \$ |
| Inlet Protection | 3.00 | EA | @ | \$ 153 | = | \$ 459.00 |
| Sediment Basin | | EA | @ | \$ 1,625 | = | \$ |
| Concrete Washout Basin | 1.00 | EA | @ | \$ 776 | = | \$ 776.00 |
| | | | @ | \$ | = | \$ |
| * specified items subject to defect warranty financial assurance | | | | | | |
| Section 1 Subtotal | | | | | | \$ 12,973.83 |

| Section 2 - Public Improvements** | Quantity | Units | | Price | | |
|---------------------------------------|----------|-------|---|------------|---|----|
| - 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 | @ | \$ | = | \$ |
| | | | | | | |
| **all items this section subject to defect warranty financial assurance. † For flared end sections, multiply pipe LF cost by 6 | | | | | | |
| | | | | | Section 2 Subtotal | \$ ** |

| Section 3 - Common Development Improvements (Private or District)*** | Quantity | Units | | Price | | |
|---|----------|-------|---|---------------------------|---|---------------------|
| - 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 | 85.00 | SY | @ | \$ 38 | = | \$ 3,230.00 |
| | | | @ | \$ | = | \$ |
| | | | @ | \$ | = | \$ |
| - Storm Drain Improvements | | | | | | |
| (Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County) | | | @ | \$ | = | \$ |
| | | | @ | \$ | = | \$ |
| | | | @ | \$ | = | \$ |
| 6" PVC (Roof Drain) | 221.00 | LF | @ | \$ 15 | = | \$ 3,315.00 |
| 12" Reinforced Concrete Pipe | 316.00 | LF | @ | \$ 42 | = | \$ 13,272.00 |
| 15" Reinforced Concrete Pipe | 27.00 | LF | @ | \$ 55 | = | \$ 1,485.00 |
| 18" Reinforced Concrete Pipe | 35.00 | LF | @ | \$ 69 | = | \$ 2,415.00 |
| Curb Inlet (Type R) L=5', Depth < 5 feet | 1.00 | EA | @ | \$ 3,791 | = | \$ 3,791.00 |
| Grated Inlet (Type C), < 5' deep | 2.00 | EA | @ | \$ 3,270 | = | \$ 6,540.00 |
| Storm Sewer Manhole, Slab Base, Depth < 15 feet | 2.00 | EA | @ | \$ 4,575 | = | \$ 9,150.00 |
| - 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, inc. tap & valves | 1.00 | EA | @ | \$ 1,253 | = | \$ 1,253.00 |
| Fire Cistern Installation, complete | | EA | @ | \$ | = | \$ |
| - Sanitary Sewer Improvements | | | | | | |
| Sewer Main Pipe (PVC), Size 8" | | LF | @ | \$ 94 | = | \$ |
| Sanitary Sewer Manhole, Depth < 15 feet | 2.00 | EA | @ | \$ 4,575 | = | \$ 9,150.00 |
| Sanitary Service Line Installation, complete | 1.00 | EA | @ | \$ 1,516 | = | \$ 1,516.00 |
| 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 | = | \$ 39,427.00 |

| | | | |
|---|--|---|--------------|
| Financial Assurance Totals | | | |
| As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) | | | \$ |
| (Inc. survey to verify detention pond volumes.) | Construction Financial Assurance Total | = | \$ 52,400.83 |
| | (Sum of all Section Totals) | | |
| | | | |
| | Public Improvements Total* ** | | \$ 5,973.83 |
| | Defect Warranty Financial Assurance Total | = | \$ 1,194.77 |
| | (20%of Section 2 Subtotal and 20% of identified Grading and Erosion BMP items) | | |

| | |
|---|------|
| Approvals | |
| I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project. | |
| Engineer | Date |
| (P.E. Seal) | |
| Approved by Owner / Applicant | Date |
| Approved by El Paso County Engineer / ECM Administrator | Date |

Markup Summary

dsdlaforce (1)

| mate form | |
|--|----------|
| Information | |
| Name | Quantity |
| 11 - Grading and Gravel Control Blank | 1 |
| 12 - Grading and Gravel Control Blank | 1 |
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Subject: Callout
Page Label: 1
Lock: Locked
Status:
Checkmark: Unchecked
Author: dsdlaforce
Date: 4/26/2018 3:35:06 PM
Color:
Layer:
Space:

Revise to 0.24