

2015 Financial Assurance Estimate Form

(Basic form)

12/05/2017

| | |
|-------------------------------|------------------|
| Project Information | |
| Timberline Landscaping | 12/5/2017 |
| Project Name _____ | Date _____ |

| Section 1 - Grading and Erosion Control BMPs | Quantity | Units | Price | | |
|---|----------|-------|------------|---|-----------------------|
| Earthwork* | 1,000.00 | CY | @ \$ 5 | = | \$ 5,000.00 * |
| Permanent Seeding* | 11.82 | AC | @ \$ 582 | = | \$ 6,879.24 * |
| Mulching* | 11.82 | AC | @ \$ 507 | = | \$ 5,992.74 * |
| Permanent Erosion Control Blanket* | | SY | @ \$ 8 | = | \$ * |
| Temporary Erosion Control Blanket | | SY | @ \$ 3 | = | \$ |
| Vehicle Tracking Control | 1.00 | EA | @ \$ 1,625 | = | \$ 1,625.00 |
| Safety Fence | | LF | @ \$ 3 | = | \$ |
| Silt Fence | 1,900.00 | LF | @ \$ 4 | = | \$ 7,600.00 |
| 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 |
| Sediment Basin | | EA | @ \$ 1,625 | = | \$ |
| Concrete Washout Basin | 1.00 | EA | @ \$ 776 | = | \$ 776.00 |
| | | @ \$ | | = | \$ |
| pecified items subject to defect warranty financial assurance | | | | | |
| Section 1 Subtotal | | | | | = \$ 28,178.98 |

| 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 | @ | \$ | | = | \$ |

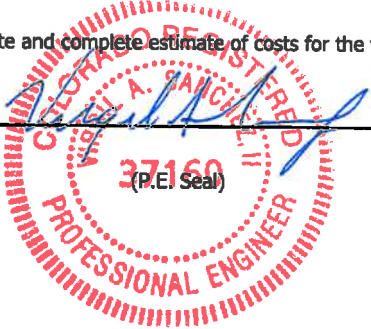


| | | | | | | | |
|--|----|---|----|---------|---|----|----|
| Grated Inlet (Type C), < 5' deep | EA | @ | \$ | \$3,270 | = | \$ | |
| Grated Inlet (Type D), < 5' deep | EA | @ | \$ | \$3,908 | = | \$ | |
| Storm Sewer Manhole, Box Base, Depth < 15 feet | EA | @ | \$ | \$8,592 | = | \$ | |
| Storm Sewer 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 | | SY | @ | \$ | = \$ |
| Curb and Gutter, Type 1 (6" Vertical) | | | @ | \$ | = \$ |
| Aggregate Base Course | | | @ | \$ | = \$ |
| - Storm Drain Improvements | | | | | |
| (Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County) | | | @ | \$ | = \$ |
| | | | @ | \$ | = \$ |
| | | | @ | \$ | = \$ |
| | | | @ | \$ | = \$ |
| 18" RCP | | | @ | \$ 40 | = \$ |
| 24" RCP | 65.00 | | @ | \$ 50 | = \$ 3,250.00 |
| 30" RCP | | | @ | \$ 65 | = \$ |
| 24" FES | 1.00 | | @ | \$ 900 | = \$ 900.00 |
| 30" FES | | | @ | \$ 1,000 | = \$ |
| 12"x58X6" CONC RUNDOWN | 13.00 | | @ | \$ 250 | = \$ 3,250.00 |
| 55'X45'X4" CONE PAD | 31.00 | | @ | \$ 250 | = \$ 7,750.00 |
| 7'X50'X2' "H" GROUTED RIPRAP | 26.00 | | @ | \$ 150 | = \$ 3,900.00 |
| FULL SPECTRUM DET POND | 1.00 | | @ | \$ 20,000 | = \$ 20,000.00 |
| MODIFIED TYPE "D" OUTLET | 1.00 | | @ | \$ 10,500 | = \$ 10,500.00 |
| - Water System Improvements | | | | | |
| Water Main Pipe (PVC), Size 8" | 419.00 | LF | @ | \$ \$94 | = \$ 39,386.00 |
| Water Main Pipe PVC, Size 6" | 142.00 | LF | @ | \$ \$82 | = \$ 11,644.00 |
| Gate Valves, 8" | 7.00 | EA | @ | \$ \$1,852 | = \$ 12,964.00 |
| Gate Valves, 6" | 1.00 | EA | @ | \$ \$1,500 | = \$ 1,500.00 |
| Fire Hydrant Assembly w/ all valves | 1.00 | EA | @ | \$ \$6,430 | = \$ 6,430.00 |
| 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" | 417.00 | LF | @ | \$ \$94 | = \$ 39,198.00 |
| Sanitary Sewer Manhole, Depth < 15 feet | 3.00 | EA | @ | \$ \$4,575 | = \$ 13,725.00 |
| 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 | @ | \$ | = \$ |
| Swale (Cobble Stone/Grass) | | EA | @ | \$ | = \$ |
| | | EA | @ | \$ | = \$ |
| | | EA | @ | \$ | = \$ |
| ***items in this section are not subject to defect warranty financial assurance | | | | | |
| | | | | Section 3 Subtotal | = \$ 177,166.00 |

| Financial Assurance Totals | |
|---|------------------------|
| As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) | \$ 500.00 |
| (Inc. survey to verify detention pond volumes.) | |
| Construction Financial Assurance Total | = \$ 205,844.98 |
| (Sum of all Section Totals) | |
| | |
| Public Improvements Total** | = \$ 17,871.98 |
| Defect Warranty Financial Assurance Total | = \$ 3,574.40 |
| (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 |  | 1-3-18 | Date |
| Approved by Owner / Applicant |  | 1-3-18 | Date |
| Approved by El Paso County Engineer / ECM Administrator | <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Approved</p>  <p>By: Jennifer Irvine, County Engineer</p> <p>Date: 02/13/2018</p> <p>El Paso County Department of Public Works</p> </div> | Date | |