

2015 Financial Assurance Estimate Form

(Basic form)

8/6/2015

| | |
|---|-------------------|
| Project Information | |
| PCD File NoSF-18-024-High Plains Filing No 1 | 10/16/2018 |
| Project Name _____ | Date _____ |

| Section 1 - Grading and Erosion Control BMPs | Quantity | Units | | Price | | |
|--|----------|-------|---|----------|---|--|
| Earthwork* | 1,825.00 | CY | @ | \$ 5 | = | \$ 9,125.00 * |
| Permanent Seeding* (inc. noxious weed management) | 2.87 | AC | @ | \$ 582 | = | \$ 1,670.34 * |
| Mulching* | 2.87 | AC | @ | \$ 507 | = | \$ 1,455.09 * |
| 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 | | LF | @ | \$ 3 | = | \$ |
| Silt Fence | 2,775.00 | LF | @ | \$ 4 | = | \$ 11,100.00 |
| Temporary Seeding | | AC | @ | \$ 485 | = | \$ |
| Temporary Mulch | | AC | @ | \$ 507 | = | \$ |
| Erosion Bales | 12.00 | EA | @ | \$ 21 | = | \$ 252.00 |
| Erosion Logs | | LF | @ | \$ 6 | = | \$ |
| Rock Ditch Checks | | EA | @ | \$ | = | \$ |
| Inlet Protection | | EA | @ | \$ 153 | = | \$ |
| Sediment Basin | | EA | @ | \$ 1,625 | = | \$ |
| Concrete Washout Basin | | EA | @ | \$ 776 | = | \$ |
| | | | @ | \$ | = | \$ |
| Specified items subject to defect warranty financial assurance | | | | | | |
| | | | | | | Section 1 Subtotal = \$ 25,227.43 |

Include erosion log and concrete washout shown on the GEC

| Section 2 - Public Improvements** | Quantity | Units | | Price | | |
|---------------------------------------|----------|-------|---|------------|---|--------------|
| - Roadway Improvements | | | | | | |
| Construction Traffic Control | 1.00 | LS | @ | \$ 500 | = | \$ 500.00 |
| Aggregate Base Course | 1,560.00 | Tons | @ | \$ 18 | = | \$ 28,080.00 |
| Asphalt Pavement | 1,040.00 | Tons | @ | \$ 65 | = | \$ 67,600.00 |
| Raised Median, Paved | | SF | @ | \$ 7 | = | \$ |
| Electrical Conduit, Size = | | LF | @ | \$ 14 | = | \$ |
| Traffic Signal, complete intersection | | EA | @ | \$ 250,000 | = | \$ |
| Regulatory Sign | 3.00 | EA | @ | \$ 100 | = | \$ 300.00 |
| Advisory Sign | | EA | @ | \$ 100 | = | \$ |
| Guide/Street Name Sign | 2.00 | EA | @ | \$ 100 | = | \$ 200.00 |
| Epoxy Pavement Marking | | SF | @ | \$ 12 | = | \$ |
| Thermoplastic Pavement Marking | 90.00 | SF | @ | \$ 22 | = | \$ 1,980.00 |
| Barricade - Type 3 | 2.00 | EA | @ | \$ 115 | = | \$ 230.00 |
| 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 15" | | | LF | @ | \$ | \$69 | = | \$ |
| 18" Reinforced Concrete Pipe | | | LF | @ | \$ | \$69 | = | \$ |
| 24" Reinforced Concrete Pipe | | | LF | @ | \$ | \$84 | = | \$ |
| 30" Reinforced Concrete Pipe | | 237.00 | LF | @ | \$ | \$94 | = | \$ 22,278.00 |
| 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 30 | | 8.00 | EA | @ | \$ | \$350 | = | \$ 2,800.00 |
| Flared End Section (FES) CSP † | | | EA | @ | \$ | | = | \$ |
| End Treatment- Headwall | | | EA | @ | \$ | | = | \$ |
| End Treatment- Wingwall | | | EA | @ | \$ | | = | \$ |
| End Treatment - Cutoff Wall | | | CY | @ | \$ | 550 | = | \$ |
| 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 | @ | \$ | | = | \$ |

| Section 3 - Common Development Improvements (Private or District)*** | Quantity | Units | Price | | |
|---|-----------------|--------------|--------------|---|----|
| <u>- Roadway Improvements</u> | | | | | |
| (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 | = | \$ |
| 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 | @ \$ 100 | = | \$ |
| 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 | = | \$ |
| | | | @ \$ | = | \$ |
| | | | @ \$ | = | \$ |
| <u>- Storm Drain Improvements</u> | | | | | |
| (Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County) | | | @ \$ | = | \$ |
| | | | @ \$ | = | \$ |
| | | | @ \$ | = | \$ |
| Reinforced Concrete Pipe (RCP) | | LF | @ \$ 94 | = | \$ |
| 30" Corrugated Steel Pipe | | LF | @ \$ 101 | = | \$ |
| 36" Corrugated Steel Pipe | | LF | @ \$ 136 | = | \$ |
| Flared End Section (FES) † | | EA | @ \$ 350 | = | \$ |
| Soil Rip Rap, d50 Size from 6" to 24" | | CY | @ \$ 98 | = | \$ |
| Detention Outlet Structure | | EA | @ \$ 9,000 | = | \$ |
| Detention Emergency Spillway | | EA | @ \$ 2,500 | = | \$ |
| Soil Rip Rap Rundown, d50=12" | | CY | @ \$ 98 | = | \$ |
| | | | @ \$ | = | \$ |
| <u>- Water System Improvements</u> | | | | | |
| 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 | | 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 | = | \$ |

Financial Assurance Totals

| | | | | |
|---|--|---|----|-------------------|
| As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.) | | | \$ | 1,500.00 |
| | Construction Financial Assurance Total | = | \$ | <u>154,615.43</u> |
| | (Sum of all Section Totals) | | | |
| | | | | |
| | | | \$ | 140,138.43 |
| | Defect Warranty Financial Assurance Total | = | \$ | <u>28,027.69</u> |
| | (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 _____