Financial Assurance Estimate Form (with pre-plat construction)

8/6/2015

| Project Information | | | | | |
|---|--------------|-----------|--|---|-----------|
| Wetherbee Ofc/WH Bldg; L22, Claremont BP F2 | | 10/4/2018 | | | |
| Project Name | - | Date | | | |
| | | | | | |
| | | | | % | Remaining |

| Section 1 - Grading and Erosion Control BMPs | Quantity | Units | | | Price | | | % Complete | R | emaining |
|--|----------|-------|---|-------|----------------|---|----------------|---------------|----------|----------|
| Earthwork* | 320.00 | CY | @ | \$ | \$5 | - | \$ 1.600.00 | Complete | \$ | 1,600.00 |
| Permanent Seeding* (inc. noxious weed mgmnt.) | 0.10 | AC | @ | \$ | \$582 | = | \$ 58.20 | | \$ | 58.20 |
| Mulching* | 0.10 | AC | @ | \$ | \$507 | = | \$ 50.70 | | \$ | 50.70 |
| 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 | 210.00 | LF | @ | \$ | \$4 | = | \$ 840.00 | | \$ | 840.00 |
| Temporary Seeding | | AC | @ | \$ | \$485 | = | \$ | | \$ | - |
| Temporary Mulch | | AC | @ | \$ | \$507 | = | \$ | | \$ | - |
| Erosion Bales | | EA | @ | \$ | \$21 | = | \$ | | \$ | - |
| Erosion Logs | | LF | @ | \$ | \$6 | = | \$ | | \$ | - |
| Rock Ditch Checks | | EA | @ | \$ | | = | \$ | | \$ | - |
| Inlet Protection | 1.00 | EA | @ | \$ | \$153 | = | \$ 153.00 | | \$ | 153.00 |
| Sediment Basin | | EA | @ | \$ | \$1,625 | = | \$ | | \$ | - |
| 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 | | | | | | | F 102 00 | | . | F 100 00 |
| acceptance process. | | | | Secti | ion 1 Subtotal | = | \$ 5,102.90 | | \$ | 5,102.90 |

| Section 2 - Public Improvements** | Quantity | Units | | Price | | % Complete | Remaining | |
|---------------------------------------|----------|-------|---|-----------------|---|---------------|-----------|----------|
| - Roadway Improvements | | | | | | | | |
| Construction Traffic Control | | LS | @ | \$ | = | \$ | \$ - | <u> </u> |
| 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 | = | \$ _ | \$ - | , |

Add PCD File No. PPR-18-049

| Cross Pon | SY | @ | | ¢ E2 | Ι_ | Φ. | \$ - * |
|---|-------|---|-----------------|-----------------|----------|----|--------|
| Cross Pan Curb Chase | EA | @ | <u>\$</u> \$ | \$53 \$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 | @ | \$ | | = | \$ | \$ - * |
| | LF | @ | \$ \$ | \$69 | = | \$ | \$ - * |
| 18" Reinforced Concrete Pipe | LF | @ | \$ \$ | \$84 | = | \$ | \$ - * |
| 24" Reinforced Concrete Pipe | LF | @ | \$ | | = | \$ | \$ - * |
| 30" Reinforced Concrete Pipe | _ | @ | | \$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 | = | \$ | \$ - * |
| | LF | @ | \$ \$ | \$330 | = | \$ | \$ - * |
| 72" Corrugated Steel Pipe | LF | @ | \$ \$ | \$381 | = | \$ | \$ - * |
| 78" Corrugated Steel Pipe | LF | @ | _ | | | _ | \$ - * |
| 84" Corrugated Steel Pipe | _ | @ | \$ | \$432 | = | \$ | \$ - * |
| Flared End Section (FES) RCP | EA | _ | \$ | | \vdash | \$ | \$ - * |
| Flared End Section (FES) CSP | EA 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 | = | \$ | \$ - * |
| | EA EA | @ | \$ \$ | | = | \$ | \$ - * |
| Storm Sewer Manhole, Box Base, Depth < 15 feet | _ | @ | <u>\$</u> | \$8,592 | = | | \$ - * |
| Storm Sewer Manhole, Slab Base, Depth < 15 feet | EA | _ | | \$4,575 | \vdash | \$ | |
| 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 | @ | \$ | | = | \$ | \$ - * |
| * 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 | | | Saa | tion 2 Subtotal | = | \$ | ** |

| Section 3 - Common Development Improvements (Private or District)*** | Quantity | Units | | | Price | | | % Complete | Re | emaining |
|---|----------|-------|---|--------|-------------|-----|-----------------|---------------|----|-----------|
| - 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 Storm Sewer | 16.00 | LF | @ | \$ | \$50 | = | \$ 800.00 | | \$ | 800.00 |
| Type 16 Inlet (Pvt), < 5' deep | 1.00 | EA | @ | \$ | \$3,270 | = | \$ 3,270.00 | | \$ | 3,270.00 |
| Rain Garden | 1.00 | LS | @ | \$ | 5,000 | = | \$ 5,000.00 | | \$ | 5,000.00 |
| Rain Garden Outlet Structure (Type C), < 5' deep | 1.00 | EA | @ | \$ | \$3,270 | = | \$ 3,270.00 | | \$ | 3,270.00 |
| | | | @ | \$ | | = | \$ | | \$ | - |
| - 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 randscaping line items and cost - usually only in | | | | | | | | | | |
| case of subdivision specific condition of approval, or | | EA | @ | \$ | | = | \$ | | \$ | - |
| PUD) | | EA | @ | \$ | | = | \$ | | | |
| | | EA | @ | \$ | | = | \$ | | \$ | - |
| | | EA | @ | \$ | | = | \$ | | \$ | = |
| | | EA | @ | \$ | | = | \$ | | \$ | - |
| | | | | | | | | | | |
| ***items in this section are not subject to defect warranty | | | | | | | | | | |
| financial assurance | | | | Sectio | n 3 Subtota | ı = | \$ 12,340.00 | | | 12,340.00 |

| Financial Assurance Totals | | |
|---|--|-------------|
| As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEM | IENTS) \$ | \$1,000 |
| (Inc. survey to verify detention pond volumes.) | Total Construction Financial Assurance | \$18,442.90 |
| | (Sum of all section subtotals) | |
| | | |
| Т | otal Remaining Construction Financial Assurance | 18,442.90 |
| | (Sum of all section totals less credit for items complete) | |
| | | |
| | Total Defect Warranty Financial Assurance | \$341.78 |
| (20% of all items identified as public improve | ements(*). To be collateralized at time of preliminary acceptance) | |
| | | |
| | | |
| Approvals | | |
| 1,44 | | |
| I hereby certify that this is an accurate and complete estimate of costs for the work as sh | nown on the approved Construction Drawings associated with the Pro | oject. |
| , | 11 | , |
| | | |
| Engineer | Date | |
| (P.E. Seal) | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Approved by Owner / Applicant | Date | |
| | | |
| | | |
| | | |
| Approved by El Paso Couny Engineer / ECM Administrator | Date | |
| | | |