

2015 Financial Assurance
Estimate Form (with pre-plat construction)

11/14/18

Please include
Vehicle traffic control

| | |
|-------------------------------|-----------|
| Project Information | |
| GulfEagle Supply Storage Yard | 3/15/2019 |
| Project Name | Date |

| Section 1 - Grading and Erosion Control BMPs | Quantity | Units | Price | % Complete | Remaining |
|--|----------|-------|----------|-------------|-------------|
| Earthwork* | 20.00 | CY @ | \$ 5 | 100.00 | \$ 100.00 * |
| Permanent Seeding* (inc. noxious weed mgmnt.) | | AC @ | \$ 582 | | \$ - * |
| Mulching* | | AC @ | \$ 507 | | \$ - * |
| Permanent Erosion Control Blanket* | | SY @ | \$ 6 | | \$ - * |
| Temporary Erosion Control Blanket | | SY @ | \$ 3 | | \$ - * |
| Vehicle Tracking Control | | EA @ | \$ 1,625 | | \$ - * |
| Safety Fence | | LF @ | \$ 3 | | \$ - * |
| Silt Fence | 311.00 | LF @ | \$ 4 | 1,244.00 | \$ 1,244.00 |
| Temporary Seeding | | AC @ | \$ 485 | | \$ - * |
| Temporary Mulch | | AC @ | \$ 507 | | \$ - * |
| Erosion Bales | | EA @ | \$ 21 | | \$ - * |
| Erosion Logs | 143.00 | LF @ | \$ 6 | 858.00 | \$ 858.00 |
| Rock Ditch Checks | | EA @ | \$ | | \$ - * |
| Inlet Protection | | EA @ | \$ 153 | | \$ - * |
| Sediment Basin | 3.00 | EA @ | \$ 1,625 | 4,875.00 | \$ 4,875.00 |
| Concrete Washout Basin | 1.00 | EA @ | \$ 776 | 776.00 | \$ 776.00 |
| Rock Socks | 30.00 | LF @ | \$ 7 | 210.00 | \$ 210.00 |
| * 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. | | | | | |
| Section 1 Subtotal | | | | \$ 8,063.00 | \$ 8,063.00 |

| Section 2 - Public Improvements** | Quantity | Units | Price | % Complete | Remaining |
|---------------------------------------|----------|--------|------------|------------|-----------|
| - 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 | | \$ - * |
| Concrete Sidewalk, 4" | | SY @ | \$ 38 | | \$ - * |
| Concrete Sidewalk, 5" | | SY @ | \$ 48 | | \$ - * |
| Concrete Sidewalk, 6" | | SY @ | \$ 57 | | \$ - * |
| Pedestrian Ramp | | SY @ | \$ 108 | | \$ - * |

Please include new concrete sidewalk for Meadowbrook Parkway

| | | | | | | | | | | | |
|---|------|----|---|----|---------|---|----|--|----|---|---|
| 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 | @ | \$ | = | \$ | \$ | - | * |
| * 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 cost by 6 | | | | = | | | | ** |
| | | Section 2 Subtotal | | | \$ | | | |

| 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 maintained by El Paso County) | | | @ | \$ | = | \$ | \$ - |
| | | | @ | \$ | = | \$ | \$ - |
| | | | @ | \$ | = | \$ | \$ - |
| Sand Filter Basin | 3.00 | | @ | \$ 2,500 | = | \$ 7,500.00 | \$ 7,500.00 |
| | | | @ | \$ | = | \$ | \$ - |
| | | | @ | \$ | = | \$ | \$ - |
| - 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 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 | | \$ 7,500.00 | 7,500.00 |

Financial Assurance Totals

| | | |
|---|---|--------------------|
| As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) | \$ | |
| (Inc. survey to verify detention pond volumes.) | Total Construction Financial Assurance | \$15,563.00 |
| | (Sum of all section subtotals) | |
| | Total Remaining Construction Financial Assurance | 15,563.00 |
| | (Sum of all section totals less credit for items complete) | |
| | Total Defect Warranty Financial Assurance | \$20.00 |
| | (20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance) | |

Approvals

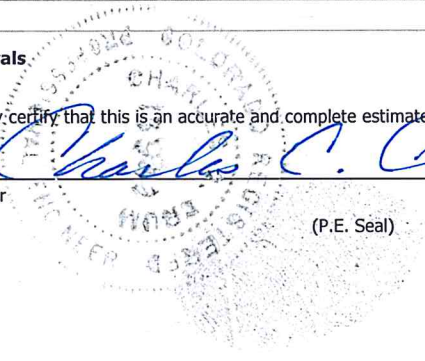
I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

Charles C. Chun, P.E. *3-15-19*

Engineer

Date

(P.E. Seal)



Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date

