

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

11/14/18

Project Information

Gleneagle Residential Infill Development

11/15/2018

Project Name

Date

Section 1 - Grading and Erosion Control BMPs

| | Quantity | Units | Price | | % Complete | Remaining |
|---|-----------|-------|------------|----------------------|------------|---------------------|
| Earlwork* | 14,600.00 | CY | @ \$ 5 | = \$ 73,000.00 | 80.00 | \$ 14,600.00 * |
| Permanent Seeding* (inc. noxious weed mgmnt.) | 19.00 | AC | @ \$ 582 | = \$ 11,058.00 | 50.00 | \$ 5,529.00 * |
| Mulching* | 11.30 | AC | @ \$ 507 | = \$ 5,729.10 | 80.00 | \$ 1,145.82 * |
| Permanent Erosion Control Blanket* | 950.00 | SY | @ \$ 6 | = \$ 5,700.00 | 80.00 | \$ 1,140.00 * |
| Temporary Erosion Control Blanket | | SY | @ \$ 3 | = \$ - | | \$ - |
| Vehicle Tracking Control | 1.00 | EA | @ \$ 1,625 | = \$ 1,625.00 | 100.00 | \$ - |
| Safety Fence | | LF | @ \$ 3 | = \$ - | | \$ - |
| Silt Fence | 4,453.00 | LF | @ \$ 4 | = \$ 17,812.00 | 100.00 | \$ - |
| Temporary Seeding | 7.00 | AC | @ \$ 485 | = \$ 3,395.00 | 100.00 | \$ - |
| Temporary Mulch | 7.00 | AC | @ \$ 507 | = \$ 3,549.00 | 100.00 | \$ - |
| Erosion Bales | 70.00 | EA | @ \$ 21 | = \$ 1,470.00 | 100.00 | \$ - |
| Erosion Logs | | LF | @ \$ 6 | = \$ - | | \$ - |
| Rock Ditch Checks | | EA | @ \$ - | = \$ - | | \$ - |
| Inlet Protection | 1.00 | EA | @ \$ 153 | = \$ 153.00 | 100.00 | \$ - |
| Sediment Basin | 2.00 | EA | @ \$ 1,625 | = \$ 3,250.00 | 100.00 | \$ - |
| Concrete Washout Basin | 2.00 | EA | @ \$ 776 | = \$ 1,552.00 | 100.00 | \$ - |
| | | | @ \$ - | = \$ - | | \$ - |
| Section 1 Subtotal | | | | \$ 128,293.10 | | \$ 22,414.82 |

* 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 2 - Public Improvements**

| | Quantity | Units | Price | | % Complete | Remaining |
|---------------------------------------|----------|-------|--------------|----------------|------------|----------------|
| - Roadway Improvements | | | | | | |
| Construction Traffic Control | 2.00 | LS | @ \$ - | = \$ 5,000.00 | 80.00 | \$ 1,000.00 * |
| Aggregate Base Course | 2,738.00 | Tons | @ \$ 18 | = \$ 49,284.00 | 80.00 | \$ 9,856.80 * |
| Asphalt Pavement | 1,229.00 | Tons | @ \$ 65 | = \$ 79,885.00 | 80.00 | \$ 15,977.00 * |
| Raised Median, Paved | | SF | @ \$ 7 | = \$ - | | \$ - * |
| Electrical Conduit, Size = | | LF | @ \$ 14 | = \$ - | | \$ - * |
| Traffic Signal, complete intersection | | EA | @ \$ 250,000 | = \$ - | | \$ - * |
| Regulatory Sign | 2.00 | EA | @ \$ 100 | = \$ 200.00 | 80.00 | \$ 40.00 * |
| Advisory Sign | | EA | @ \$ 100 | = \$ - | | \$ - * |
| Guide/Street Name Sign | 4.00 | EA | @ \$ 177 | = \$ 708.00 | 80.00 | \$ 141.60 * |
| Epoxy Pavement Marking | | SF | @ \$ 12 | = \$ - | | \$ - * |
| Thermoplastic Pavement Marking | 384.00 | SF | @ \$ 22 | = \$ 8,448.00 | 80.00 | \$ 1,689.60 * |
| Barricade - Type 3 | | EA | @ \$ 115 | = \$ - | | \$ - * |
| Delineator (Type I) | | EA | @ \$ 21 | = \$ - | | \$ - * |
| Curb and Gutter, Type C (Ramp) | 2,159.00 | LF | @ \$ 21 | = \$ 45,339.00 | 80.00 | \$ 9,067.80 * |
| Curb and Gutter, Type A (6" Vertical) | 64.00 | LF | @ \$ 16 | = \$ 1,024.00 | 80.00 | \$ 204.80 * |
| Curb and Gutter, Type B (Median) | 1,507.00 | LF | @ \$ 13 | = \$ 19,591.00 | 80.00 | \$ 3,918.20 * |
| Pedestrian Ramp | 52.00 | SY | @ \$ 108 | = \$ 5,616.00 | 80.00 | \$ 1,123.20 * |

| | | | | | | | | | | | |
|-----------------------------|-----------|----|---|----|---------|---|----|-----------|-------|----|----------|
| Cross Pan | | SY | @ | \$ | \$53 | = | \$ | | \$ | - | * |
| Curb Chase | 1.00 | EA | @ | \$ | \$1,300 | = | \$ | 1,300.00 | 80.00 | \$ | 260.00 * |
| Concrete Sidewalk | 10,090.00 | | | | \$3 | = | \$ | 30,270.00 | 80.00 | \$ | 6,054.00 |
| 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 | 100.00 | LF | @ | \$ | \$94 | = | \$ | 9,400.00 | 80.00 | \$ | 1,880.00 * | |
| 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 | + | 4.00 | EA | @ | \$ | 700 | = | \$ | 2,800.00 | 80.00 | \$ | 560.00 * |
| 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 | 1.00 | EA | @ | \$ | \$3,791 | = | \$ | 3,791.00 | 80.00 | \$ | 758.20 * | |
| 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 | @ | \$ | \$6,684 | = | \$ | | | \$ | - * | |
| 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 | 1.00 | EA | @ | \$ | \$3,270 | = | \$ | 3,270.00 | 80.00 | \$ | 654.00 * | |
| 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" | 213.00 | CY | @ | \$ | \$98 | = | \$ | 20,874.00 | 80.00 | \$ | 4,174.80 * | |

| | | | | | | | |
|---|----|---|----------|---|----|------|---|
| 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

| | | | |
|---------------------------|------------|-----------|----|
| = | 286,800.00 | 57,360.00 | ** |
| Section 2 Subtotal | \$ | | |

**Section 3 - Common Development Improvements
(Private or District)*****

- 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

| Quantity | Units | Price | % Complete | Remaining |
|----------|-------|-------|------------|-----------|
| | @ | \$ | | \$ - |
| | @ | \$ | | \$ - |
| | @ | \$ | | \$ - |
| | @ | \$ 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)

South Tunnel Closure

18" Reinforced Concrete Pipe

24" Reinforced Concrete Pipe

High Density Polyethylene (HDPE) Pipe

Flared End Section (FES) RCP

Flared End Section (FES) RCP

Flared End Section (FES) HDPE

Detention Outlet Structure

Detention Emergency Spillway

Rip Rap d50 Size from 6" to 24"

| | | | | |
|--------|---|----------|--------|------|
| | @ | \$ | | \$ - |
| | @ | \$ | | \$ - |
| | @ | \$ | | \$ - |
| 1.00 | @ | \$ 5,000 | 100.00 | \$ - |
| 240.00 | @ | \$ 69 | 100.00 | \$ - |
| 22.00 | @ | \$ 84 | 100.00 | \$ - |
| 590.00 | @ | \$ 75 | 100.00 | \$ - |
| 2.00 | @ | \$ 500 | 100.00 | \$ - |
| 1.00 | @ | \$ 600 | 100.00 | \$ - |
| 1.00 | @ | \$ 650 | 100.00 | \$ - |
| 3.00 | @ | \$ 5,000 | 100.00 | \$ - |
| 3.00 | @ | \$ 1,500 | 100.00 | \$ - |
| 17.00 | @ | \$ 98 | 100.00 | \$ - |

- Water System Improvements

Water Main Pipe (PVC), Size 8"

Water Main Pipe (Ductile Iron), Size 8"

Gate Valves, 8"

Fire Hydrant Assembly w/ all valves

Water Service Line Installation, including tap and valves

Fire Cistern Installation, complete

| | | | | |
|----------|----|------------|--------|------|
| 1,208.00 | LF | @ \$ 94 | 100.00 | \$ - |
| | LF | @ \$ 137 | | \$ - |
| 8.00 | EA | @ \$ 1,852 | 100.00 | \$ - |
| 2.00 | EA | @ \$ 6,430 | 100.00 | \$ - |
| 38.00 | EA | @ \$ 1,253 | 100.00 | \$ - |
| | EA | @ \$ | | \$ - |

- Sanitary Sewer Improvements

Sewer Main Pipe (PVC), Size 8"

Sewer Main Pipe (PVC), Size 10"

Sanitary Sewer Manhole, Depth < 15 feet

Sanitary Service Line Installation, complete

Sanitary Sewer Lift Station, complete

| | | | | |
|--------|----|------------|--------|------|
| 979.00 | LF | @ \$ 94 | 100.00 | \$ - |
| 240.00 | | \$ 100 | 100.00 | \$ - |
| 8.00 | EA | @ \$ 4,575 | 100.00 | \$ - |
| 44.00 | EA | @ \$ 1,516 | 100.00 | \$ - |
| | 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 = \$ 499,246.00

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)
(Inc. survey to verify detention pond volumes.)

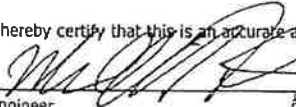
Total Construction Financial Assurance \$ 914,339.10
(Sum of all section subtotals)

Total Remaining Construction Financial Assurance _____
(Sum of all section totals less credit for items complete)

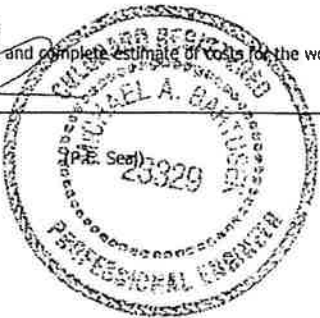
Total Defect Warranty Financial Assurance \$ 79,774.82
(20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance)

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.



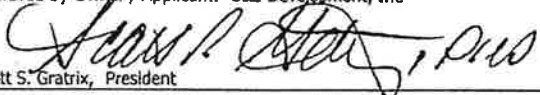
Engineer



11/16/18
Date

Approved by Owner / Applicant: G&S Development, Inc

Date



Scott S. Gratrix, President

11/15/18

Approved by El Paso County Engineer / ECM Administrator

Date