



101 SW 140th Terrace, Newberry, FL 32669 | (352) 495-3851 | brentwoodcompany.com



November 20, 2015

Andrew S. Roberts, P.E., CFM
Stormwater Engineer IV
City of Gainesville Public Works
405 NW 39th Ave
Gainesville, FL 32609

RE: City of Gainesville – Tumblin Creek Stormwater Treatment Facility GMP

Andrew,

I am writing to present our GMP Estimate Proposal for the above referenced project. This proposal is based on Bid Documents prepared by Jones Edmunds, Inc. dated October 2015. The specific scope of work, clarifications and assumptions are included on the following pages.

Sincerely,

Tom Fillmer
Vice-President

General Conditions

1. GMP includes a job office trailer.
2. GMP includes supervision throughout the duration of the project.
3. GMP includes permitting as outlined in documents.
4. GMP includes as-built drawings produced in CAD format. As-built drawings include certified as-built drawings for all civil related construction and as-built notations for all other construction all produced in CAD format.

Sitework

1. The GMP includes Sitework as shown on the plans prepared JEA Dated October 2015.
2. Include compliance with all erosion control measures as outlined on Erosion Control Sheets including installation and maintenance of silt fence, filter barriers, wattles, turbidity barriers and other BMPs as needed. Include all permitting, documentation and monitoring as required including preparation of a Stormwater Pollution Prevention plan in accordance with documents.
3. Include labor, material, and equipment as necessary to perform dewatering.
4. Include stabilized construction entrance as shown.
5. Include all temporary measures (grading and regrading, temporary berms, jersey barriers, temporary swales etc...) as necessary to divert creek throughout construction.
6. Include Certified As-Built drawings prepared by a registered surveyor.
7. Include **Alternate 1** for clean-out of sediment and trash from sediment basin. Include necessary mobilization, labor, material and equipment to perform clean out of sediment basin two separate times during the 1st year of warranty of the facility. Clean out of the facility is based on the accumulation of sediment and trash and therefore the exact schedule cannot be determined. Subcontractor will be notified of the need for maintenance and shall respond to the request within 10 days. All accumulated trash and sediment shall be removed. Sediment shall be hauled off site to an appropriate landfill or pit. Cleanout will require that subcontractor be equipped with a portable compressor to activate the pneumatic gate.
8. Include all work associated with Maintenance of Traffic as necessary for site ingress and egress of equipment and vehicles.
9. Include survey and layout as necessary to complete this scope of work.
10. Include testing within sitework scope – Geotextile, Rip Rap, Compaction, etc...
11. Include stone base and geotextile as shown at concrete slab areas
12. Include turf reinforcement mat at bypass channel as shown on EC2.
13. Include grading, compaction and testing as necessary to prepare base for concrete work to within +/- 1/10 of subgrade elevation.
14. Include all work associated with new asphalt drive as shown
15. Include finish grading of site and around all structures
16. Include mass excavation and sloping/stepping of bank necessary for construction of segmented block and cast in place retaining walls
17. Include mass backfill and compaction at segmented block walls
18. Include fine backfill/compaction against segmented wall segmented retaining wall.
19. Include backfill and compaction against cast in place wall.
20. Include mass excavation for pneumatic gate foundation.
21. Include grading as necessary for equipment access to install sheetpiles.
22. Include installation of structures and RCP/HDPE piping.

23. Include rip-rap rubble system including filter fabric and bedding as shown on documents.
24. Include underdrain system as shown.
25. Include seed and mulch/sod of all disturbed areas including staging area.
26. Existing entrance and parking areas shall be kept clean and free from excessive debris and dirt at all times during construction.
27. Include a proposed **Unit Cost** per Bank CY for the removal and replacement of unsuitable soils.
28. There is evidence of existing concrete bank armor at the location of the new sediment basin. GMP includes an **allowance** of \$5,000.00 to cover removal and disposal.

Landscape/Irrigation

- The GMP includes an **allowance** of \$ 15,000.00 for Landscape and Irrigation at the Tree Planting/Buffer Area shown on drawings.

Sheetpiling

1. The GMP includes Sheet Pile work as shown on the plans prepared JEA Dated October 2015.
2. Include supply and installation of all sheet piling as shown on documents.
3. Include protection for existing GRU sewer line while sheet pile work is taking place. Subcontractor will take reasonable precautions to prevent damage to existing sewer line (eg. load distribution mats for equipment, etc...). Note that GRU will slip line the existing sewer in conjunction with this project. GRU will pump around the sewer line on our project during sheetpiling operations.
4. Provide installation records as required by specifications.
5. Include **Voluntary Alternate 2** to use composite piles in lieu of steel piles as specified.

Segmented Retaining Wall

1. The GMP includes Segmented Retaining Wall work as shown on the plans prepared JEA Dated October 2015.
2. Include segmented retaining wall as shown on bid documents.
3. Include design data signed and sealed shop drawings and calcs as required by specifications.
4. Note that shop drawings shall include plan and elevation views, construction details, soil requirements, etc...
5. Shop drawings **shall include a 3D view** showing in clear detail how the wall will be constructed and tie into the other elements of the project.
6. Include installation of geotextiles and/or rock material and necessary tie backs.
7. Include Construction Quality Control testing and Quality Assurance testing as required by specifications.

Concrete

1. The GMP includes Concrete work as shown on the plans prepared JEA Dated October 2015.
2. Include all labor, equipment, concrete pumps, scaffold etc... necessary to complete this scope of work.
3. Include all lay-out and batter boards.
4. Include all footing excavation and back fill.
5. Include all reinforcing steel for concrete work including shop drawings as required.
6. Include all formwork as required for a complete project.
7. Include installation of any items imbedded in the concrete (anchor bolts, imbed angle, plates, etc...).
8. Include all work associated with concrete footings and foundations.
9. Include cast in place walls.
10. Include all blockouts where shown for equipment.
11. Include all final grading and tamping of slab sub-grade.
12. Include all grouting as shown (eg: detail 4/S3).
13. Include saw-cut control joints as shown.
14. Include all misc concrete accessories as shown including keyway, expansion joint, etc... material as shown.
15. Include all testing required within the scope of the concrete scope. Testing shall be by an independent testing firm approved by CM and Engineer.

Joint Sealant

1. The GMP includes Joint Sealant work as shown on the plans prepared JEA Dated October 2015.
2. Include joint sealant at all concrete joint shown to receive sealant.
3. Joint sealant specifications are included in section 03301 Cast in Place Concrete. Include cleaning and prep of joints as necessary to properly receive sealant.

Trash Boom

1. The work includes all work associated with the Trash Boom as shown on the plans prepared JEA Dated October 2015.
2. Include supply and installation of trash boom as shown.
3. Include supply of all imbeds for attachment to concrete/foundation as required.
4. Include all shop drawings, submittals and pre and post construction reports and tests as required.
5. Include all cost associated with Services of Manufacturers' Field Service Technician as outlined in Spec Section 01335 (also Spec Sections 01000 and 01600 for Manufactures rep requirements).

Pneumatic Control Gate

1. The work includes all work associated with the Pneumatic Control Gate as shown on the plans prepared JEA Dated October 2015.
2. Include supply and installation of pneumatic control gate as shown.
3. Include supply of all imbeds for attachment to concrete/foundation.
4. Include all shop drawings, submittals and pre and post construction reports and tests as required.
5. Include all cost associated with Services of Manufacturers' Field Service Technician as outlined in Spec Section 01335 (also Spec Sections 01000 and 01600 for Manufactures rep requirements).
6. Include separate trip for Commissioning/Owner Training.

Clarifications

1. It is our understanding that GRU will complete the sliplining of the existing sewer pipe prior to commencement of sheet piling. It is also our understanding the GRU will pump around the sewer section adjacent to the proposed sheet piling while the sheet piling is being installed.
2. CM/subcontractors will take reasonable precautions to protect existing sewer line during construction and in particular sheet pile installation (load distribution mats, etc...). Damage caused by vibrations from sheet pile installation is not the responsibility of the CM/subcontractor. GMP includes contingency in the amount of \$ 100,000.00. A portion of this amount (\$35,000) is intended as an allowance to repair/replace sewer line in the event of damage during construction. This number is subject to change based on equipment access to south bank of creek.
3. GMP includes allowance amounts for restoration of staging area and existing parking lot.
4. Existing creek in the vicinity of the sediment basin has a presence of existing concrete debris (perhaps old bank armor). GMP includes an allowance amount for removal and disposal of existing concrete debris. If allowance is not sufficient to cover the cost of all debris the balance not covered by the allowance will be covered by contingency or change order at an agreed upon unit cost.
5. GMP includes a Gant (bar chart) schedule. Schedule to be updated as required by documents.

Allowances Included in GMP

- | | |
|--|--------------|
| 1. Repair/replace existing 24" DIP sewer line (Included in contingency | \$ 35,000.00 |
| 2. Remove and dispose of existing debris | \$ 5,000.00 |
| 3. Landscape/irrigation at tree buffer | \$ 15,000.00 |

City of Gainesville Tumblin Creek Regional Stormwater Facility

20-Nov-15

Documents By: Jones Edmunds & Associates

Project Manager: Andrew Roberts

Status of Estimate: GMP

Estimate Prepared By: Tom Fillmer

Breakdown of GMP Estimate - City of Gainesville Tumblin Creek Regional Stormwater Facility

DIV	DESCRIPTION	Quantity	Units	Labor Unit	Total Labor	Material Unit	Total Material	Subcontract Unit	Total Subcontract
Div 1	General Conditions								
1.1	Bonds & Insurance	1	LS		\$0.00		\$0.00	\$35,800.00	\$35,800.00
1.4	Debris Removal	5	Pulls		\$0.00		\$0.00	\$375.00	\$1,875.00
1.5	Daily Clean-Up Labor	1	LS		\$0.00		\$0.00	\$200.00	\$200.00
1.6	Final Clean-Up	1	LS		\$0.00		\$0.00	\$750.00	\$750.00
1.7	Emergency Costs				\$0.00		\$0.00		\$0.00
1.8	Protection of Finishes	1	LS		\$0.00		\$0.00		\$0.00
1.9	Temp. Utilities	1	LS		\$0.00		\$0.00	\$2,500.00	\$2,500.00
1.10	Job Office Trailer	1	LS		\$0.00		\$0.00	\$5,000.00	\$5,000.00
1.11	Survey Costs	1	LS		\$0.00		\$0.00		\$0.00
1.12	Shop Drawings, Photos	1	LS		\$0.00		\$0.00		\$0.00
1.13	Data Processing	1	LS		\$0.00		\$0.00		\$0.00
1.14	Reproduction of Documents	1	LS		\$0.00		\$0.00	\$2,750.00	\$2,750.00
1.15	Transportation & Main. Costs / Travel	1	LS		\$0.00		\$0.00		\$0.00
1.17	Job office equipment				\$0.00		\$0.00		\$0.00
	Sub-Total				\$0.00		\$0.00		\$48,875.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$48,875.00
Div 1	Total General Conditions	\$48,875.00	2.76%						
Div 1	Staffing			Contract Rate					
1.2	Project Manager	480	Hours	\$98.00	\$47,040.00		\$0.00		\$0.00
1.3	Project Engineer		Hours		\$0.00		\$0.00		\$0.00
1.16	Superintendent	960	Hours	\$47.00	\$45,120.00		\$0.00		\$0.00
	Sub-Total				\$92,160.00		\$0.00		\$0.00
	Taxes			0.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$92,160.00		\$0.00		\$0.00
Div 1	Total Staffing	\$92,160.00	5.20%						
	Trade Contractors								
Div 2	Sitework								
2	Sitework Project								
2.1	Mobilization/Permitting	1	LS		\$0.00		\$0.00	\$201,700.00	\$201,700.00
2.2	Earthwork/Dewatering	1	LS		\$0.00		\$0.00	\$170,500.00	\$170,500.00
2.3	Storm Drain System	1	LS		\$0.00		\$0.00	\$26,750.00	\$26,750.00
2.4	Sheet Piling	1	LS		\$0.00		\$0.00	\$289,000.00	\$289,000.00
2.5	Segmented Retaining Wall	1	LS		\$0.00		\$0.00	\$142,750.00	\$142,750.00
2.6	Rip/Rap & Stabilization	1	LS		\$0.00		\$0.00	\$97,500.00	\$97,500.00
2.7	Fencing and Gates	1	LS		\$0.00		\$0.00	\$31,750.00	\$31,750.00
2.8	Paving	1	LS		\$0.00		\$0.00	\$62,000.00	\$62,000.00
2.9	Seed and Mulch	1	LS		\$0.00		\$0.00	\$18,500.00	\$18,500.00
2.10	Landscape/Irrigation Allowance	1	LS		\$0.00		\$0.00	\$15,000.00	\$15,000.00
2.11	Allowance for Debris/Buried Debris Removal	1	LS		\$0.00		\$0.00	\$5,000.00	\$5,000.00
2.12	Restoration	1	LS		\$0.00		\$0.00	\$5,000.00	\$5,000.00
	Sub-Total				\$0.00		\$0.00		\$1,065,450.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$1,065,450.00
Div 2	Total Sitework	\$1,065,450.00	60.09%						
Div 3	Concrete								
3.1	Concrete	1	LS		\$0.00		\$0.00	\$177,500.00	\$177,500.00
	Sub-Total				\$0.00		\$0.00		\$177,500.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$177,500.00
Div 3	Total Concrete	\$177,500.00	10.01%						
Div 4	Masonry								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 4	Total Masonry	\$0.00	0.00%						
Div 5	Steel								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
5	Total Steel	\$0.00	0.00%						
Div 6	Wood & Plastics								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 6	Total Woods & Plastics	\$0.00	0.00%						

Breakdown of GMP Estimate - City of Gainesville Tumblin Creek Regional Stormwater Facility

DIV	DESCRIPTION	Quantity	Units	Labor Unit	Total Labor	Material Unit	Total Material	Subcontract Unit	Total Subcontract
Div 7	Thermal & Moisture Prot.								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 7	Total T & M Protection	\$0.00	0.00%						
Div 8	Doors & Windows								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 8	Total Doors & Windows	\$0.00	0.00%						
Div 9	Finishes								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 9	Total Finishes	\$0.00	0.00%						
Div 10	Specialties								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 10	Total Specialties	\$0.00	0.00%						
Div 11	Equipment								
11.1	Trash Boom	1	LS		\$0.00		\$0.00	\$55,700.00	\$55,700.00
11.2	Pneumatic Gate	1	LS		\$0.00		\$0.00	\$135,000.00	\$135,000.00
	Sub-Total				\$0.00		\$0.00	\$190,700.00	\$190,700.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$190,700.00
Div 11	Total Equipment	\$190,700.00	10.76%						
Div 12	Furnishings								
12.1					\$0.00		\$0.00		\$0.00
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 12	Total Furnishings	\$0.00	0.00%						
Div 13	Special Construction								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 13	Total Special Construction	\$0.00	0.00%						
Div 14	Conveying Systems								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 14	Total Conveying Systems	\$0.00	0.00%						
Div 15	Mechanical								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 15	Total Mechanical Systems	\$0.00	0.00%						
Div 16	Electrical								
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
Div 16	Total Electrical Systems	\$0.00	0.00%						
Div 17	Contingency	1	LS		\$0.00		\$0.00	\$100,000.00	\$100,000.00
	Sub-Total				\$0.00		\$0.00		\$100,000.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$100,000.00
Div 17	Total Contingency	\$100,000.00	5.64%						
Summary Of Costs									
	General Conditions	\$48,875.00	2.76%						
	Staffing	\$92,160.00	5.20%						
	Trade Contracts (Cost of the Work)	\$1,433,650.00	80.86%						
	Contingency	\$100,000.00	5.64%						
	Sub-Total	\$1,674,685.00	88.81%						
	CM Fee % (Does not include Bonds and Insurance)	6.00%							
	CM Fee	\$98,333.10	5.55%						
	Project Total Costs	\$1,773,018.10	100.00%						

Breakdown of GMP Estimate - City of Gainesville Tumblin Creek Regional Stormwater Facility

DIV	DESCRIPTION	Quantity	Units	Labor Unit	Total Labor	Material Unit	Total Material	Subcontract Unit	Total Subcontract
#	Alternates								
1	Maintenance of Trap								
1.1	General Conditions	1	LS		\$0.00		\$0.00	\$2,370.00	\$2,370.00
1.2	Sitework	1	LS		\$0.00		\$0.00	\$12,000.00	\$12,000.00
	Sub-Total				\$0.00		\$0.00		\$14,370.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$14,370.00
	Sub-Total Alternate Number One	\$14,370.00							
	CM Fee	\$862.20							
	Bonds/Insurance	\$136.52							
	Total Alternate Number 1	\$15,368.72							
2	Maintenance of Trap								
2.1	Use Composite Sheetpile In Lieu of Steel	1	LS		\$0.00		\$0.00		\$0.00
	Sub-Total				\$0.00		\$0.00		\$0.00
	Taxes			45.00%	\$0.00	6.00%	\$0.00	0.00%	\$0.00
	Total				\$0.00		\$0.00		\$0.00
	Sub-Total Alternate Number One	\$0.00							
	CM Fee	\$0.00							
	Bonds/Insurance	\$0.00							
	Total Alternate Number 1	\$0.00							