

**EIGHTH SUPPLEMENTAL AGREEMENT FOR
PROFESSIONAL DESIGN SERVICES FOR
THE DEPOT AVENUE CORRIDOR PROJECT**

THIS EIGHTH SUPPLEMENTAL AGREEMENT (the “Supplemental Agreement”) is entered into effective this 5th day of June, 2014, by and between **THE CITY OF GAINESVILLE, FLORIDA**, a municipal corporation (hereinafter referred to as “CITY”), and **COMPREHENSIVE ENGINEERING SERVICES, INC.**, a Florida corporation (hereinafter referred to as “CONTRACTOR”).

WHEREAS, the CITY and CONTRACTOR have previously entered into an Agreement for Professional Design Services for the Depot Avenue Corridor Project (the “Project”) dated September 26, 2006 (the “Agreement”), First Supplemental Agreement dated August 16, 2007, Second Supplemental Agreement dated August 21, 2008, Third Supplemental Agreement dated August 26, 2009, Fourth Supplemental Agreement dated June 1, 2010, Fifth Supplemental Agreement dated July 6, 2011, Sixth Supplemental Agreement dated January 17, 2013 and Seventh Supplemental Agreement dated December 5, 2013; and

WHEREAS, Article A, Section 2. of the Agreement contemplates future phases of the Project; and

WHEREAS, the CITY and CONTRACTOR desire to further amend the Agreement to increase the scope of services to include post design services and lighting design for Depot Avenue Segment 2 and Segment 4; and

WHEREAS, the CONTRACTOR desires to add 3E Consultants, Incorporated and their fee schedule as described in the attached Exhibit B.

NOW, THEREFORE, the parties agree as follows:

1. SCOPE OF SERVICES. The CONTRACTOR shall perform post design services for Depot Avenue Segment 2 and lighting design services for Depot Avenue Segments 2 and 4, all as more specifically described in Exhibit A to this Agreement.

CONTRACTOR has subcontracted with 3E Consultants, Inc. to positively identify and remediate contamination preliminarily identified by CONTRACTOR in accordance with Segment 2 bid documents. 3E Consultants, Inc. work schedule and rate sheet is attached as Exhibit B. 3E Consultants, Inc. is a subcontractor of Comprehensive Engineering Services for Environmental work performed by all subcontractors in accordance with Paragraph 3 of this Agreement.

2. TIME FOR PERFORMANCE. The CONTRACTOR shall commence services upon issuance by the CITY of a Notice to Proceed. The services shall continue for the duration of the construction which is scheduled to occur over a twenty-four (24) month period.

3. COMPENSATION. For work performed pursuant to the Scope of Services attached as Exhibit “A”, the CITY will pay the CONTRACTOR based on the percentage of completion as reflected in invoices submitted by the CONTRACTOR and reviewed by the CITY’S project manager. The total amount paid to CONTRACTOR under this Eighth Supplemental Agreement shall not exceed \$211,523.88 as more specifically set forth in Exhibit A. The new contract total is \$1,856,957.98.

4. MULTI-YEAR FUNDING. The obligations of the CITY as to any funding required pursuant to this Agreement shall be limited to an obligation in any given year to budget and appropriate from legally available funds, after monies for essential CITY services have been budgeted and appropriated, sufficient monies for the funding that is required during that year. Notwithstanding the foregoing, the CITY shall not be prohibited from pledging any legally available non-ad valorem revenues for any obligations heretofore or hereafter incurred, which pledge shall be prior and superior to any obligation of the CITY pursuant to this Agreement.

5. EFFECT. This Supplemental Agreement is intended to supplement, not supersede or replace the Agreement, the First Supplemental Agreement, Second Supplemental Agreement, Third Supplemental Agreement, Fourth Supplemental Agreement, Fifth Supplemental Agreement, Sixth Supplemental Agreement or the Seventh Supplemental Agreement. As such, all terms and conditions of the Agreement as supplemented shall remain in full force and effect.

COMPREHENSIVE ENGINEERING
SERVICES, INC., a Florida corporation

WITNESS:

By:_____

Title:_____

WITNESS:

CITY OF GAINESVILLE

By:_____

Russ Blackburn, City Manager

APPROVED AS TO FORM AND LEGALITY

City Attorney



March 21, 2014

Mr. John Veilluex
City of Gainesville Public Works
405 NW 39th Avenue
Gainesville, FL 32609

**Subject: Depot Avenue Corridor Project
Eighth Supplemental Agreement for Professional Design Services
Depot Avenue Segments 2 and 4**

Dear Mr. Veilleux:

Comprehensive Engineering Services, Inc. (CES) has enclosed the following scope and fee estimate which outlines the additional work effort related to engineering services on Depot Avenue. The requested funds are related to several elements including the following:

Post Design for Segment 2

- Engineering Assistance
- Review of Submittal Data
- Meeting Attendance
- Contract Maintenance
- Plans Update
- Environmental Services

Design Services for Segments 2 and 4

- Lighting Analysis and Design
- Lighting Plans

It is anticipated that the work outlined in this letter and the attached exhibit will be completed within 24 months from the Notice-to-Proceed. The opportunity to be of service to the City of Gainesville is greatly appreciated and we look forward to a continued productive relationship in providing transportation design services to you. If there are any questions, please do not hesitate to call.

Sincerely,
Comprehensive Engineering Services, Inc.

A handwritten signature in blue ink that reads 'Ryan A. McGinnis'.

Ryan A. McGinnis, P.E.
Project Manager

EXHIBIT “A” SCOPE OF SERVICES

This Exhibit forms an integral part of the agreement between the City of Gainesville (hereinafter referred to as the *CITY*) and COMPREHENSIVE ENGINEERING SERVICES (CES) (hereinafter referred to as the *CONSULTANT*) relative to the transportation facility described as follows: **Depot Avenue Transportation Corridor Improvement Project – Segments 2 and 4.**

I. DESCRIPTION

The purpose of this work order is to provide post design services for the construction of improvements to Depot Avenue Segment 2 from SW 11th Street to Main Street. In addition, the *CONSULTANT* shall perform lighting design for the construction of LED lighting within the previously described Segment 2 and within Depot Avenue Segment 4 from SE 7th Street to Williston Road.

II. SCOPE

A. Engineering Assistance (CES, BDA, Terracon)

The *CONSULTANT* shall provide to the *CITY* qualified engineering assistance during the construction phase to deal with issues raised during the construction work. Should changed conditions be encountered in the field and when requested by the *CITY*, the *CONSULTANT* shall respond in a timely manner with suitable engineering solutions that take into account the changed conditions.

From time to time during construction the *CITY* may request the *CONSULTANT* or its designated representative to review contractor proposed field changes or respond with a recommended solution to remedy particular field situations not covered by the plans and specifications.

B. Review of Submittal Data (CES, BDA, Terracon)

The *CONSULTANT* shall be responsible for the review of construction shop drawings for drainage, landscaping and lighting submittals. In addition, the *CONSULTANT* shall review and comment on the Contractor’s submittal items for the Gabion Wall System Design.

C. Meeting Attendance (CES, BDA)

The *CONSULTANT* shall attend the following planned meetings and other meetings as requested by the *CITY*.

1. Preconstruction Conference (CES)
2. Semi-final and Final Inspections (CES, BDA)

On site appearance of the *CONSULTANT* shall be made during construction at the request of the *CITY* or its designated representative.

D. Contract Maintenance (CES)

The *CONSULTANT* Project Manager shall setup and maintain project files documenting field changes and any field meetings attended by the *CONSULTANT*. Copies will be provided to the *CITY* at the end of the construction or upon request by the *CITY*.

E. Plans Update (CES)

The *CONSULTANT* shall prepare revised plan sheets to address unforeseen conditions or conflicts that require modifications to the proposed design. All design and plans revisions shall be prepared in accordance with the latest design standards, design manuals, and policies adopted by the *CITY*. All plans shall be accurate, legible and complete in design. Any required revisions will be developed utilizing Computer Aided Drafting and Design (CADD) systems.

F. Environmental Services (3E)

Task 1

The *CONSULTANT* will perform a Limited Phase II Environmental Site Assessment (ESA) for the following sites as identified in the previous Level I ESA dated November 2003:

Site 2: Florida Mining and Minerals / CEMEX Inc.

- The *CONSULTANT* will collect and perform organic vapor analysis (OVA) on the soil from ground surface to the top of the groundwater table or refusal along the roadway corridor in the vicinity of Site 2. OVA sample locations are proposed to be collected between the roadway and the existing sidewalk on approximate 100-ft centers on the south side of SW Depot Avenue between SW 6th Street and SW 3rd Street. Actual sample numbers and locations will be determined in the field by the *CONSULTANT*.
- Based on the results of the OVA screening, the *CONSULTANT* will collect up to two soil samples for analysis of Florida Department of Environmental Protection (FDEP) Table B constituents.
- Based on the results of the OVA screening, the *CONSULTANT* will install up to two temporary monitoring wells in the vicinity of Site 2. Location and installation depth to be determined in the field by the *CONSULTANT*.
- The *CONSULTANT* will gauge the groundwater elevation and collect up to two groundwater samples from the temporary monitoring wells for analysis of FDEP Table B constituents.

- The **CONSULTANT** will identify sample locations by use of a global positioning system (GPS).
- The **CONSULTANT** will package and drop off samples or ship samples to a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory of analysis.

Site 7: Former City Incinerator

- The **CONSULTANT** will collect up to two soil samples for analysis of FDEP Table D constituents. Samples are proposed to be collected on the north side of SW Depot Avenue between SW 6th Street and SW 5th Street. Actual sample locations and depths will be determined in the field by the **CONSULTANT**.
- The **CONSULTANT** will install up to two temporary monitoring wells in the vicinity of Site 7. Location and installation depth to be determined in the field by the **CONSULTANT**.
- The **CONSULTANT** will gauge the groundwater elevation and collect up to two groundwater samples from the temporary monitoring wells for analysis of FDEP Table D constituents.
- The **CONSULTANT** will identify sample locations by use of a global positioning system (GPS).
- The **CONSULTANT** will package and drop off samples or ship samples to a (NELAC) accredited laboratory of analysis.

Site 8: Jabo's Service Garage

- The **CONSULTANT** will Collect and perform OVA on the soil from ground surface to the top of the groundwater table or refusal along the roadway corridor in the vicinity of Site 8. OVA sample locations are proposed to be collected on the north side of SW Depot Avenue on approximate 100-ft centers between SW 2nd Street and S Main Street. Actual sample numbers and locations will be determined in the field by the **CONSULTANT**.
- Based on the results of the OVA screening, the **CONSULTANT** will collect up to two soil samples for analysis of FDEP Table B constituents.
- Based on the results of the OVA screening, the **CONSULTANT** will install up to two temporary monitoring wells in the vicinity of Site 8. Location and installation depth to be determined in the field by the **CONSULTANT**.
- The **CONSULTANT** will gauge the groundwater elevation and collect up to two groundwater samples from the temporary monitoring wells for analysis of FDEP Table B constituents.
- The **CONSULTANT** will identify sample locations by use of a global positioning system (GPS).
- The **CONSULTANT** will package and drop off samples or ship samples to a (NELAC) accredited laboratory of analysis.

Site 10: Former Railroad Corridor

- The **CONSULTANT** will perform a visual analysis of the former railroad corridor as it relates to this roadway construction project and collect up to four soil samples for analysis of RCRA 8 metals. Actual sample locations and depths will be determined in the field by the **CONSULTANT**.
- The **CONSULTANT** will install up to four temporary monitoring wells in the vicinity of railroad corridor. Location and installation depth to be determined in the field by the **CONSULTANT**.
- The **CONSULTANT** will gauge the groundwater elevation and collect up to four groundwater samples from the temporary monitoring wells for analysis of RCRA 8 metals.
- The **CONSULTANT** will identify sample locations by use of a global positioning system (GPS).
- The **CONSULTANT** will package and drop off samples or ship samples to a (NELAC) accredited laboratory of analysis.

Task 1 Deliverables will include one hard copy and one electronic copy of the Limited Phase ESA Report submitted within two weeks of receiving the laboratory analytical report. The report will include summary of tasks performed, summary tables, and figures depicting sample locations and contaminant locations if applicable.

Task 2

In addition to the Limited Phase II ESA, the **CONSULTANT** proposes to provide on-call soil sampling assessment services in the event suspected contaminated soils are encountered during construction activities.

Task 2 Deliverables will include one hard copy and one electronic copy of assessment reports after each event submitted within two weeks of receiving analytical reports. The reports will include summary of tasks performed, summary tables, and figures depicting sample locations and contaminant locations if applicable.

G. Lighting Analysis and Design (CES)

The **CONSULTANT** shall perform lighting analysis for LED lighting within the project limits. The analysis shall be performed in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

Voltage Drop Calculations

The **CONSULTANT** will perform the Voltage drop calculations for the lighting design.

Design Files

The *CONSULTANT* shall prepare the Lighting Design file to include all necessary design elements and all associated reference files.

Design Documentation

The *CONSULTANT* shall submit Roadway Lighting Design Documentation with each lighting plans submittal under a separate cover.

H. Lighting Plans (CES)

The *CONSULTANT* shall prepare a set of Lighting Plans in accordance with the Plans Preparation Manual, which includes the following:

1. Cover Sheet
2. Tabulation of Quantities
3. General Notes/Pay Item Notes
4. Pole Data and Legend & Criteria
5. Service Point Details
6. Plan Sheet
7. Special Details

III. BEGINNING AND LENGTH OF SERVICES

Services to be provided by the *CONSULTANT* will be initiated and completed as directed by the *CITY*. The services of the *CONSULTANT* shall continue for the duration of construction which is scheduled to occur over a period of 24 months.

Compensation to the *CONSULTANT* for services performed under this agreement shall be as follows:

Limiting Amount Services (\$159,774.56)

Engineering Assistance
Review of Submittal Data
Meeting Attendance
Contract Maintenance
Plans Update
Environmental Services

Lump Sum Services (\$51,749.32)

Lighting Analysis and Design
Lighting Plans

The *CONSULTANT* shall submit monthly invoices for payment, describing the specific tasks performed under this agreement during the invoiced period.

All payments for services as herein discussed are contingent upon the satisfactory progress of the work and the work itself being satisfactory to the *CITY*. Payment shall be made within thirty (30) days from the date the invoice is approved by the *CITY*.

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Depot Avenue Segment 2 Post Design Services
 County: Alachua
 FPN: PWDA-140021-DS
 FAP No.:

Consultant Name: Comprehensive Engineering Services, Inc.
 Consultant No.: 6010.08
 Date: 3/21/2014
 Estimator: Ryan McGinnis

Staff Classification	Total Staff Hours From "SH Summary -	Chief Engineer	Senior Engineer	Project Manager	Project Engineer	Engineer Intern	Designer	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$122.92	\$122.92	\$122.92	\$122.92	\$122.92	\$122.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
3. Project General Tasks	732	38	146	146	146	110	146	0	0	0	0	0	0	732	\$89,977	\$122.92
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tec	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - BDR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Wall Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	732	38	146	146	146	110	146	0	0	0	0	0	0	732		
Total Staff Cost		\$4,670.96	\$17,946.32	\$17,946.32	\$17,946.32	\$13,521.20	\$17,946.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$89,977.44	\$122.92

Check = \$89,977.44

Form Revised 3/28/05

SALARY RELATED COSTS:	\$89,977.44
SUBTOTAL ESTIMATED LIMITING AMOUNT POST DESIGN FEE (CES):	\$89,977.44
Subconsultant: Terracon (Geotech)	\$7,800.00
Subconsultant: Buford Davis and Associates (Landscaping)	\$23,390.50
Subconsultant: 3E Consultants (Task 1: Limited Ph II ESA)	\$30,506.62
Subconsultant: 3E Consultants (Task 2: On-call Services)	\$8,100.00
GRAND TOTAL ESTIMATED LIMITING AMOUNT POST DESIGN FEE:	\$159,774.56
Additional Services	
Seg 2 LED Lighting Design (CES)	\$29,746.64
Seg 4 LED Lighting Design (CES)	\$22,002.68
SUBTOTAL LUMP SUM ADDITIONAL SERVICES FEE:	\$51,749.32
GRAND TOTAL ESTIMATED FEE:	\$211,523.88

Project Activity 3: General Tasks

Estimator: Ryan McGinnis

Depot Avenue Segment 2 Post Design Services

Form Revised 6/6/05

PWDA-140021-DS

Task No.	Task	Units	No of Units	Hours / Unit	Total Hours	Comments
A.	Engineering Assistance	EA	104	3	312	Assist the City's construction personnel with design related construction questions (includes 1 field visit/per week during construction)
B.	Submittal Data Review	LS	1	60	60	Drainage Structure Submittals (36 hrs), Lighting (24 hrs)
C.	Meetings	EA	24	6	144	Meetings with the City (Includes meeting prep and documentation) (one per month) (2 people per meeting)
	(C.1) Pre-construction meeting	EA	1	8	8	2 people for 1 meeting
	(C.2) Inspection meetings (typ 90%, Final) with City construction engineer	EA	2	8	16	2 people for 2 Meetings (Roadway/Drainage and Lighting)
D.	Contract Maintenance	EA	24	2	48	3 hr/month x 24 months, includes documentation and general construction related questions
E.	Plans Update	LS	1	144	144	includes engineering analysis and minor design for modifications due to changed conditions in the field during construction
3. General Tasks Total					732	

SCOPE OF SERVICES AND FEE ESTIMATE

Depot Avenue Post-Design Geotechnical Services
Terracon Proposal No. PEQ140021
February 14, 2014

DESCRIPTION OF WORK	QTY.	RATE	UNIT	AMOUNT
<i>POST-DESIGN ENGINEERING SERVICES</i>				
A. Principal Engineer	8	\$ 225.00	Per Hour	\$ 1,800.00
B. Geotechnical Engineer	40	\$ 150.00	Per Hour	\$ 6,000.00
			Total	\$ 7,800.00

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Depot Ave - Post Design Services
 County: 0
 FPN: 0
 FAP No.: 1/0/1900

Consultant Name: Buford Davis + Associates
 Consultant No.:
 Date: 3/19/2014
 Estimator: EJ Bolduc III

Staff Classification	Total Staff Hours From "SH Summary Firm"	Project Manager	Senior Landscape	Staff Classification 3	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$172.43	\$134.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
3. Project General and Project Common Tasks	160	48	112	0	0	0	0	0	0	0	0	0	0	160	\$23,391	\$146.19
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	160	48	112	0	0	0	0	0	0	0	0	0	0	160		
Total Staff Cost		\$8,276.64	\$15,114.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$23,391.04	\$146.19

Check = \$23,391.04

SALARY RELATED COSTS:		\$23,391.04
OVERHEAD:	0.00%	\$0.00
OPERATING MARGIN:	0%	\$0.00
FCCM (Facilities Capital Cost Money):	0.000%	\$0.00
EXPENSES:	0.00%	\$0.00
SUBTOTAL ESTIMATED FEE:		\$23,391.04
Survey (Field)	0	\$0.00
Geotechnical Field and Lab Testing	4-man crew da \$ - / day	\$0.00
SUBTOTAL ESTIMATED FEE:		\$23,391.04
Optional Services		\$0.00
GRAND TOTAL ESTIMATED FEE:		\$23,391.04

Notes:
 1. This sheet to be used by Subconsultant to calculate its fee.

Estimator:

Updated 080818

Depot Ave - Post Design Services

0

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.1	Public Involvement					
3.1.1	Community Awareness Plan	LS	1	0	0	
3.1.2	Notifications	LS	1	0	0	
3.1.3	Prepare Mailing Lists	LS	1	0	0	
3.1.4	Median Modification Letters	LS	1	0	0	
3.1.5	Driveway Modification Letters	LS	1	0	0	
3.1.6	Newsletters	LS	1	0	0	
3.1.7	Renderings and Fly Throughs	LS	1	0	0	
3.1.8	PowerPoint Presentation	LS	1	0	0	
3.1.9	Public Meeting Preparations	LS	1	0	0	
3.1.10	Public Meeting Attendance/Followup	LS	1	0	0	
3.1.11	MPO Meetings	LS	1	0	0	
3.1.12	Web Site	LS	1	0	0	
3.1 Public Involvement Subtotal					0	
3.2	Joint Project Agreements	EA	0	0	0	
3.3	Specifications Package Preparation	LS	1	0	0	
3.4	Contract Maintenance	LS	1	0	0	
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1		0	
3.6	Prime Consultant Project Manager Meetings	LS	1	0	0	See listing below
3.7	Plans Update	LS	1	0	0	

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.8	Post Design Services	EA	1	160	160	See attached breakdown
3.9	Electronic Delivery	LS	1	0	0	
3.10	Other Project General Tasks	LS	1	0	0	
3. Project Common and Project General Tasks Total					160	

3.6 - List of Project Manager Meetings

Roadway Analysis	EA	0	0	0
Drainage	EA	0	0	0
Utilities	EA	0	0	0
Environmental	EA	0	0	0
Structures	EA	0	0	0
Signing & Pavement Marking	EA	0	0	0
Signalization	EA	0	0	0
Lighting	EA	0	0	0
Landscape Architecture	EA	0	0	0
Survey	EA	0	0	0
Photogrammetry	EA	0	0	0
ROW & Mapping	EA	0	0	0
Geotechnical	EA	0	0	0
Architecture	EA	0	0	0
Noise Barriers	EA	0	0	0
ITS Analysis	EA	0	0	0
Progress Meetings	EA	0	0	0
Phase Reviews	EA	0	0	0
Field Reviews	EA	0	0	0
Total Project Manager Meetings		0	0	0

Notes:

1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.
2. Do not double count agency meetings between permitting agencies.
3. Project manager meetings are calculated in each discipline sheet and brought forward to column D except for Photogrammetry.

Estimator: EJ Bolduc III

Form Revised 6/6/05

Task No.	Task	Units	No of Units	Hours / Unit	Total Hours	Comments
A.	Field Services	EA	26	2	52	Assist the City's construction personnel with design related construction questions (includes 1 field visit/per week for anticipated six month landscape and irrigation construction period)
B.	Shop Drawing Review	EA	1	0	0	Includes Landscape and Irrigation Items
C.	Submittal Data Review	EA	1	16	16	Landscape and Irrigation Submittals
D.	Meetings	EA	6	3	18	Meetings with the City (Includes meeting prep and documentation) (one per month for anticipated six month landscape and irrigation construction period) (2 people per meeting)
	(D.2) Inspection meetings (typ 90%, Final) with City construction engineer	EA	2	8	16	1 person for 2 Meetings (Landscape and Irrigation)
E.	Contract Maintenance	EA	3	6	18	3 hr/month x 6 months, includes documentation and general construction related questions
F.	Plans Update	EA	1	40	40	includes analysis and minor design for modifications due to changed conditions in the field during construction
3. General Tasks Total					160	

**Depot Avenue Segment 2 East
Cost Estimate**

Task 1 - Limited Phase II ESA				
Labor	Units	Quantity	Cost/Unit	Total
Project Manager	HOURS	12	\$105.88	\$1,270.56
Project Engineer/Environmental Scientist	HOURS	64	\$83.61	\$5,351.04
Environmental/Safety Specialist	HOURS	4	\$70.05	\$280.20
CADD Operator	HOURS	16	\$63.98	\$1,023.68
Field Technician (40 Hr. Cert.)	HOURS	60	\$55.02	\$3,301.20
Clerical	HOURS	4	\$43.62	\$174.48
Labor Total				\$11,401.16
Directs	Units	Quantity	Cost/Unit	Total
EQUIPMENT/PERSONNEL (PER JOB)	LS	1	\$362.36	\$362.36
PER DIEM (mobilization and Full days)	PP/DAY	6	\$142.00	\$852.00
PER DIEM (demobilization days)	PP/DAY	3	\$51.00	\$153.00
CREW VEHICLE	DAY	3	\$129.41	\$388.23
TRAFFIC CONES	LS	1	\$103.53	\$103.53
DECONTAMINATION STATION	LS	1	\$326.12	\$326.12
EPA LEVEL "D" (ALL PERSONNEL IN LEVEL D)	PP/DAY	9	\$46.58	\$419.22
PVC-NITRILE GLOVES	DOZEN	2	\$24.84	\$49.68
SAMPLING/TESTING/EQUIPMENT	Units	Quantity	Cost/Unit	Total
OVA METER - FID	DAY	3	\$103.53	\$310.59
CONDUCTIVITY METER	DAY	2	\$25.88	\$51.76
OIL/WATER INTERFACE PROBE	DAY	2	\$25.88	\$51.76
PH METER	DAY	2	\$15.52	\$31.04
TURBIDITY METER	DAY	2	\$46.58	\$93.16
PERISTALTIC PUMP	DAY	2	\$46.58	\$93.16
STAINLESS AUGER	DAY	3	\$10.35	\$31.05
SAMPLE BUCKETS	EACH	2	\$7.45	\$14.90
DEIONIZED WATER (1 GALLON)	EACH	4	\$2.79	\$11.16
SURVEY EQUIPMENT SET	DAY	1	\$77.64	\$77.64
SUBCONTRACTED SERVICES	Units	Quantity	Cost/Unit	Total
8 RCRA Metals	EACH	8	\$85.00	\$680.00
Petroleum or Petroleum Products "Table B"	EACH	8	\$370.00	\$2,960.00
Used Oil/Unknown "Table D" - Soil	EACH	2	\$575.00	\$1,150.00
Used Oil/Unknown "Table D" - Water	EACH	3	\$615.00	\$1,845.00
TEMP WELL (DPT RIG)	DAY	2	\$1,850.00	\$3,700.00
TEMP WELL (mtls, permits, development, and completion)	EACH	10	\$535.00	\$5,350.00
Directs Total				\$19,105.36
TASK 1 SUBTOTAL				\$30,506.52

**Depot Avenue Segment 2 East
Cost Estimate**

Task 2 - On-Call Soil Sampling Assistance				
Labor	Units	Quantity	Cost/Unit	Total
Project Manager	HOURS	6	\$105.88	\$635.28
Project Engineer/Environmental Scientist	HOURS	12	\$83.61	\$1,003.32
Environmental/Safety Specialist	HOURS	20	\$70.05	\$1,401.00
CADD Operator	HOURS	4	\$63.98	\$255.92
Field Technician (40 Hr. Cert.)	HOURS	20	\$55.02	\$1,100.40
Clerical	HOURS	2	\$43.62	\$87.24
Labor Total				\$4,483.16
Directs	Units	Quantity	Cost/Unit	Total
EQUIPMENT/PERSONNEL (PER JOB)	LS	2	\$362.36	\$724.72
PER DIEM (mobilization and Full days)	PP/DAY	2	\$142.00	\$284.00
CREW VEHICLE	DAY	2	\$129.41	\$258.82
TRAFFIC CONES	LS	2	\$103.53	\$207.06
DECONTAMINATION STATION	LS	2	\$326.12	\$652.24
EPA LEVEL "D" (ALL PERSONNEL IN LEVEL D)	PP/DAY	4	\$46.58	\$186.32
SAMPLING/TESTING/EQUIPMENT	Units	Quantity	Cost/Unit	Total
OVA METER - FID	DAY	2	\$103.53	\$207.06
STAINLESS AUGER	DAY	2	\$10.35	\$20.70
DEIONIZED WATER (1 GALLON)	EACH	2	\$2.79	\$5.58
SURVEY EQUIPMENT SET	DAY	1	\$77.64	\$77.64
SUBCONTRACTED SERVICES	Units	Quantity	Cost/Unit	Total
Analytical Laboratory Services	LS	1	\$992.70	\$992.70
Directs Total				\$3,616.84
TASK 2 SUBTOTAL				\$8,100.00
PROJECT TOTAL				\$38,606.52

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Depot Avenue LED Lighting: Segments 2 West, 2 East, Main Street Rbt
 County: City of Gainesville
 FPN: N/A
 FAP No.: N/A

Consultant Name: CES
 Consultant No.: enter consultants proj. number
 Date: 3/21/2014
 Estimator: insert name

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Senior Engineer	Project Engineer	Engineer	Engineer Intern	Designer	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$122.92	\$122.92	\$122.92	\$122.92	\$122.92	\$122.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	176	18	39	40	26	26	27	0	0	0	0	0	0	176	\$21,634	\$122.92
24. Lighting Plans	66	7	15	15	10	10	9	0	0	0	0	0	0	66	\$8,113	\$122.92
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	242	25	54	55	36	36	36	0	0	0	0	0	0	242		
Total Staff Cost		\$3,073.00	\$6,637.68	\$6,760.60	\$4,425.12	\$4,425.12	\$4,425.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$29,746.64	\$122.92

Check = \$29,746.64

Survey Field Days by Subconsultant
4 - Person Crew:

Notes:

- This sheet to be used by Prime Consultant to calculate the Grand Total fee.
- Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:			\$29,746.64
OVERHEAD:	0%		\$0.00
OPERATING MARGIN:	0%		\$0.00
FCCM (Facilities Capital Cost Money):	0.00%		\$0.00
EXPENSES:	0.00%		\$0.00
Survey (Field - if by Prime)	0	4-man crew days @	\$ - / day
SUBTOTAL ESTIMATED FEE:			\$29,746.64
Subconsultant: Enter Name Sub 1			\$0.00
Subconsultant: Sub 2			\$0.00
Subconsultant: Sub 3			\$0.00
Subconsultant: Sub 4			\$0.00
Subconsultant: Sub 5			\$0.00
Subconsultant: Sub 6			\$0.00
Subconsultant: Sub 7			\$0.00
Subconsultant: Sub 8			\$0.00
Subconsultant: Sub 9			\$0.00
Subconsultant: Sub 10			\$0.00
Subconsultant: Sub 11			\$0.00
Subconsultant: Sub 12			\$0.00
SUBTOTAL ESTIMATED FEE:			\$29,746.64
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$29,746.64
Optional Services			\$0.00
GRAND TOTAL ESTIMATED FEE:			\$29,746.64

Project Activity 23: Lighting Analysis

Estimator:

Depot Avenue LED Lighting: Segments 2 West, 2 East, Main Street Rbt
N/A

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
23.1	Lighting Justification Report	LS	1	0	0	
23.2	Lighting Design Analysis Report	LS	1	0	0	
23.3	Aeronautical Evaluation	LS	1	0	0	
23.4	Voltage Drop Calculations	LS	1	10	10	
23.5	FDEP Coordination and Report	LS	1	0	0	
23.6	Reference and Master Design Files	LS	1	87	87	20 hours setup + (90 hrs per mile * 3900 ft)
23.7	Temporary Lighting	LS	1	0	0	
23.8	Design Documentation	LS	1	24	24	
23.9	Quantities	LS	1	11	11	1 hr per plan sheet x 11 plan sheets
23.10	Cost Estimate	LS	1	3	3	1 submittal x 3 hours per submittal
23.11	Technical Special Provisions	LS	1	0	0	
23.12	Other Lighting Analysis	LS	1	0	0	
Lighting Analysis Technical Subtotal					135	
23.13	Field Reviews	LS	1	16	16	2 people x 8 hrs per review (includes travel time)
23.14	Technical Meetings	LS	1	6	6	1 meeting x 6 hours per meeting (includes travel time)
23.15	Quality Assurance/Quality Control	LS	%	5%	7	
23.16	Independent Peer Review	LS	%	0%	0	
23.17	Supervision	LS	%	5%	7	
Lighting Analysis Nontechnical Subtotal					36	
23.18	Coordination	LS	%	3%	5	
23. Lighting Analysis Total					176	

Project Activity 23: Lighting Analysis

Technical Meetings				
FDOT Lighting Design	EA	0	0	0
FDOT Traffic Design	EA	0	0	0
Power Company (service point coordination)	EA	0	0	0
Maintaining Agency (cities, counties)	EA	0	0	0
Airport authority	EA	0	0	0
FDEP Lighting (coast areas)	EA	0	0	0
Other Meetings	EA	0	0	0
Subtotal Technical Meetings				0
Progress Meetings	EA	0	0	0
Phase Review Meetings	EA	0	0	0
Total Meetings				0

Carries to 23.14

Note: Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

Project Activity 24: Lighting Plans

Estimator:

Depot Avenue LED Lighting: Segments 2 West, 2 East, Main Street Rbt
N/A

Task No.	Task	Scale	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
24.1	Key Sheet		Sheet	0	0	0	0	
24.2	Summary of Pay Items Including CES Input		Sheet	0	0	0	0	
24.3	Tabulation of Quantities		Sheet	1	8	1	8	
24.4	General Notes/Pay Item Notes		Sheet	1	4	1	4	
24.5	Pole Data, Legend and Criteria		Sheet	1	10	1	10	
24.6	Service Point Details		Sheet	1	8	1	8	
24.7	Project Layout		Sheet	0	0	0	0	
24.8	Plan Sheet		Sheet	11	2	11	22	
24.9	Special Details		Sheet	1	8	1	8	
24.10	Temporary Lighting Data and Details		Sheet	0	0	0	0	
24.11	Traffic Control Plan Sheets		Sheet	0	0	0	0	
24.12	Interim Standards		LS	0	0		0	
Lighting Plans Technical Subtotal						16	60	
24.13	Quality Assurance/Quality Control		LS	%	5%		3	
24.14	Supervision		LS	%	5%		3	
24. Lighting Plans Total						16	66	

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Depot Avenue LED Lighting: Segments Segment 4
 County: City of Gainesville
 FPN: N/A
 FAP No.: N/A

Consultant Name: CES
 Consultant No.: enter consultants proj. number
 Date: 3/21/2014
 Estimator: insert name

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Senior Engineer	Project Engineer	Engineer	Engineer Intern	Designer	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$122.92	\$122.92	\$122.92	\$122.92	\$122.92	\$122.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	131	12	29	30	20	20	20	0	0	0	0	0	0	131	\$16,103	\$122.92
24. Lighting Plans	48	5	11	11	7	7	7	0	0	0	0	0	0	48	\$5,900	\$122.92
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	179	17	40	41	27	27	27	0	0	0	0	0	0	179		
Total Staff Cost		\$2,089.64	\$4,916.80	\$5,039.72	\$3,318.84	\$3,318.84	\$3,318.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$22,002.68	\$122.92

Check = \$22,002.68

Survey Field Days by Subconsultant
 4 - Person Crew:

Notes:

- This sheet to be used by Prime Consultant to calculate the Grand Total fee.
- Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:			\$22,002.68
OVERHEAD:	0%		\$0.00
OPERATING MARGIN:	0%		\$0.00
FCCM (Facilities Capital Cost Money):	0.00%		\$0.00
EXPENSES:	0.00%		\$0.00
Survey (Field - if by Prime)	0	4-man crew days @	\$ - / day
SUBTOTAL ESTIMATED FEE:			\$22,002.68
Subconsultant: Enter Name Sub 1			\$0.00
Subconsultant: Sub 2			\$0.00
Subconsultant: Sub 3			\$0.00
Subconsultant: Sub 4			\$0.00
Subconsultant: Sub 5			\$0.00
Subconsultant: Sub 6			\$0.00
Subconsultant: Sub 7			\$0.00
Subconsultant: Sub 8			\$0.00
Subconsultant: Sub 9			\$0.00
Subconsultant: Sub 10			\$0.00
Subconsultant: Sub 11			\$0.00
Subconsultant: Sub 12			\$0.00
SUBTOTAL ESTIMATED FEE:			\$22,002.68
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$22,002.68
Optional Services			\$0.00
GRAND TOTAL ESTIMATED FEE:			\$22,002.68

Project Activity 23: Lighting Analysis

Estimator:

Depot Avenue LED Lighting: Segments Segment 4
N/A

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
23.1	Lighting Justification Report	LS	1	0	0	
23.2	Lighting Design Analysis Report	LS	1	0	0	
23.3	Aeronautical Evaluation	LS	1	0	0	
23.4	Voltage Drop Calculations	LS	1	10	10	
23.5	FDEP Coordination and Report	LS	1	0	0	
23.6	Reference and Master Design Files	LS	1	56	56	20 hours setup + (90 hrs per mile * 2100 ft)
23.7	Temporary Lighting	LS	1	0	0	
23.8	Design Documentation	LS	1	24	24	
23.9	Quantities	LS	1	4	4	1 hr per plan sheet x 4 plan sheets
23.10	Cost Estimate	LS	1	1	1	1 submittal x 1 hours per submittal
23.11	Technical Special Provisions	LS	1	0	0	
23.12	Other Lighting Analysis	LS	1	0	0	
Lighting Analysis Technical Subtotal					95	
23.13	Field Reviews	LS	1	16	16	2 people x 8 hrs per review (includes travel time)
23.14	Technical Meetings	LS	1	6	6	1 meeting x 6 hours per meeting (includes travel time)
23.15	Quality Assurance/Quality Control	LS	%	5%	5	
23.16	Independent Peer Review	LS	%	0%	0	
23.17	Supervision	LS	%	5%	5	
Lighting Analysis Nontechnical Subtotal					32	
23.18	Coordination	LS	%	3%	4	
23. Lighting Analysis Total					131	

Project Activity 23: Lighting Analysis

Technical Meetings				
FDOT Lighting Design	EA	0	0	0
FDOT Traffic Design	EA	0	0	0
Power Company (service point coordination)	EA	0	0	0
Maintaining Agency (cities, counties)	EA	0	0	0
Airport authority	EA	0	0	0
FDEP Lighting (coast areas)	EA	0	0	0
Other Meetings	EA	0	0	0
Subtotal Technical Meetings				0
Progress Meetings	EA	0	0	0
Phase Review Meetings	EA	0	0	0
Total Meetings				0

Carries to 23.14

Note: Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

Project Activity 24: Lighting Plans

Estimator:

Depot Avenue LED Lighting: Segments Segment 4
N/A

Task No.	Task	Scale	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
24.1	Key Sheet		Sheet	0	0	0	0	
24.2	Summary of Pay Items Including CES Input		Sheet	0	0	0	0	
24.3	Tabulation of Quantities		Sheet	1	8	1	8	
24.4	General Notes/Pay Item Notes		Sheet	1	4	1	4	
24.5	Pole Data, Legend and Criteria		Sheet	1	10	1	10	
24.6	Service Point Details		Sheet	1	8	1	8	
24.7	Project Layout		Sheet	0	0	0	0	
24.8	Plan Sheet		Sheet	3	2	3	6	
24.9	Special Details		Sheet	1	8	1	8	
24.10	Temporary Lighting Data and Details		Sheet	0	0	0	0	
24.11	Traffic Control Plan Sheets		Sheet	0	0	0	0	
24.12	Interim Standards		LS	0	0		0	
Lighting Plans Technical Subtotal						8	44	
24.13	Quality Assurance/Quality Control		LS	%	5%		2	
24.14	Supervision		LS	%	5%		2	
24. Lighting Plans Total						8	48	



"Excellence Through Quality and Innovation"

January 24, 2014

City of Gainesville
Public Works Department
Attn: Ms. Faith Myers
405 NW 39th Avenue
Gainesville, FL 32609

Subject: **Depot Avenue Corridor Project
Request to Add Subconsultant**

Dear Ms. Myers:

Comprehensive Engineering Services, Inc. (CES) is requesting to add 3E Consultants, Inc. to the above referenced contract. 3E Consultants is being added to assist during the post design/construction phase of the contract in order to positively identify and remediate contamination preliminarily identified by the Contractor in accordance with Depot Avenue Segment 2 bid documents. Attached is 3E Consultants rate sheets for the work anticipated under the contract.

Thank you for your assistance with this matter. If you have any questions or need any additional information, please do not hesitate to call.

Sincerely,
Comprehensive Engineering Services, Inc.

A handwritten signature in blue ink that reads "Ryan A. McGinnis".

Ryan A. McGinnis
CES Project Manager

Enc: Rate Sheets



Ecological • Environmental • Engineering

Wage Rate Data

Standard Rates	Billable Rate
Principal Professional Engineer	\$165.34
Principal Professional Geologist	\$165.34
Pollutant Storage System Engineer	\$165.34
Sr. Project Engineer/Scientist	\$91.78
Professional Geologist	\$79.71
Certified Industrial Hygienist	\$105.88
Project Manager	\$105.80
Project Engineer/Environmental Scientist	\$83.61
Environmental/Safety Specialist	\$70.05
CADD Operator	\$63.98
Word Processor	\$60.04
Field Technician (40 Hr. Cert.)	\$55.02
Clerical	\$43.62

Direct expenses will be billed per the rates provided.

Maurice L. Pearson, President
Name of Company Officer, Title

08/15/2013

Date

A handwritten signature in blue ink, appearing to read 'M. Pearson', is written over a horizontal line.

Signature



Ecological • Environmental • Engineering

Direct Rate Schedule

2013-2014

EQUIPMENT / VEHICLES	HOUR	DAY
CREW VEHICLE	N/A	\$129.41
FOUR WHEEL DRIVE VEHICLE	N/A	\$258.83
TRACTOR TANKER	COST	N/A
DUMP TRUCK	COST	COST
LOADER	NA	COST
BACKHOE - RUBBER TIRE	NA	COST
BOBCAT	NA	COST
TRACK HOE	NA	COST
TRACTOR WITH BOX TRAILER	COST	COST
VACUUM TRUCK*	COST	COST
*All vacuum trucks will be charged a minimum of four (4) hours including decontamination.		
MOBILIZATION	EACH	
EQUIPMENT/PERSONNEL (PER JOB)	\$362.36	
ANCILLARY EQUIPMENT/MATERIALS	DAY	WEEK
VIBRATORY PLATE COMPACTOR	COST	COST
TRAFFIC BARRICADE (EACH)	\$5.17	N/A
TRAFFIC CONES	\$103.53	N/A
CONCRETE CORE UNIT	\$129.41	\$647.06
DRUM DOLLY	\$25.88	N/A
POLY-TANK (500 GAL)	COST	COST
POLY-TANK (1,000 GAL)	COST	COST
PRESSURE WASHERS	\$103.53	\$745.42
STEAM/PRESSURE CLEANERS	\$258.83	\$1,490.84
LIGHT STAND (>1000W)	\$93.18	\$372.71
DECONTAMINATION STATION	\$326.12	N/A
DECONTAMINATION POOL	\$232.94	N/A
PERSONNEL PROTECTION	EACH	
EPA LEVEL "D" (ALL PERSONNEL IN LEVEL D)*	\$46.58	
EPA LEVEL "C" (ALL PERSONNEL IN LEVEL C)*	\$79.20	
EPA LEVEL "B" (ALL PERSONNEL IN LEVEL B)*	\$129.41	
EPA LEVEL "A" (ALL PERSONNEL IN LEVEL A)*	\$170.82	
*CHARGES APPLY PER MAN, PER DAY PLUS COST OF EQUIPMENT AND EXPENDABLES.		
ALL ADDITIONAL PPE NEEDED FOR A SAFE RESPONSE WILL BE BILLED AT COST.		
PPE REQUIRED FOR INITIAL DRESS OUT/ NOT INCLUSIVE OF LEVEL A SUIT		

PERSONNEL EQUIPMENT	DAY	WEEK
CASCADE SYSTEM (TWO WAY)	\$155.30	\$1,087.07
AIR PACKS - SCBA/SKA PACKS	\$31.06	\$217.41
CONFINED SPACE ENTRY SAFETY PACKAGE	\$310.59	\$1,863.55
EXPENDABLES	COST	UNIT
LEVEL "A" - LIMITED USE ENCAPSULATED SUIT	\$652.24	EACH
RESPIRATOR CARTRIDGES (Mercury)	\$37.27	PAIR
RESPIRATOR CARTRIDGES (OVAG)	\$18.63	PAIR
RESPIRATOR CARTRIDGES (HEPA)	\$6.52	PAIR
RESPIRATOR CARTRIDGES (ACID/GAS)	\$16.56	PAIR
CASCADE SYSTEM RE-FILLS	\$27.94	BOTTLE
AIR PACK RE-FILLS	\$6.98	EACH
HAZARD TAPE (AREA SECURITY)	\$25.88	ROLL
TYVEK SUITS	\$5.59	EACH
TYVEK SUITS WITH HOOD	\$7.45	EACH
TYVEK SUITS POLY COATED	\$9.31	EACH
SARANEX SUITS	\$31.68	EACH
LEVEL B SUIT	\$91.30	EACH
RAIN GEAR (OTHER THAN PPE)	\$25.88	EACH
PVC-NITRILE GLOVES	\$24.84	DOZEN
SILVER SHIELD-GLOVES	\$7.24	PAIR
LATEX BOOTIES	\$4.18	PAIR
SAMPLING/TESTING/EQUIPMENT	COST	UNIT
OVA METER - PID	\$103.53	DAY
OVA METER - FID	\$103.53	DAY
CONDUCTIVITY METER	\$25.88	DAY
OIL/WATER INTERFACE PROBE	\$25.88	DAY
PH METER	\$15.52	DAY
TURBIDITY METER	\$46.58	DAY
WATER LEVEL INDICATOR	\$25.88	DAY
PH PAPER	\$7.82	ROLL
HAZ-MAT TEST INDICATORS	\$46.58	TEST
AIR SAMPLING PUMPS	\$32.61	DAY
AIR SAMPLING TUBES	\$13.97	EACH
GEIGER COUNTER	\$31.06	DAY
PERISTALTIC PUMP	\$46.58	DAY
THIEF 25 MIL	\$2.57	EACH
THIEF 75 MIL	\$3.73	EACH
DISPOSABLE BALERS	\$15.52	EACH
DISPOSABLE COLIWASA	\$15.52	EACH
STAINLESS AUGER	\$10.35	DAY
TEMP WELL	TBD	COST
SAMPLE BUCKETS	\$7.45	EACH
SAMPLE CONTAINERS	\$5.17	EACH
DEIONIZED WATER (1 GALLON)	\$2.79	EACH

SURVEY EQUIPMENT SET	\$77.64	DAY
MANIFESTS	\$0.93	EACH
LABELS	\$0.93	EACH
ANALYTICAL ANALYSIS	COST	UNIT
TCLP Volatiles	\$135.00	EACH
TCLP Semi-Volatiles	\$225.00	EACH
TCLP Metals	\$100.00	EACH
TCLP Herbicides	\$120.00	EACH
TCLP Pesticides	\$85.00	EACH
8 RCRA Metals	\$85.00	EACH
Volatile Organic Compounds - Soil	\$85.00	EACH
Volatile Organic Compounds - Groundwater	\$95.00	EACH
Semi-Volatile Organic Compounds - Soil	\$200.00	EACH
Semi-Volatile Organic Compounds - Groundwater	\$200.00	EACH
Florida Petroleum Residual Organics (FL-PRO)	\$75.00	EACH
Petroleum or Petroleum Products "Table B"	\$370.00	EACH
Petroleum Solvents "Table B"	\$225.00	EACH
Gasoline & Kerosene Analytical Group "Table C" -Soil	\$225.00	EACH
Gasoline & Kerosene Analytical Group "Table C" -Water	\$300.00	EACH
Used Oil/Unknown "Table D" - Soil	\$575.00	EACH
Used Oil/Unknown "Table D" - Water	\$615.00	EACH
Petroleum Group "Table E" -Soil	\$300.00	EACH
Petroleum Group "Table E" -Water	\$355.00	EACH
Hydrocarbon Fingerprint	\$150.00	EACH
Virgin Preburn	\$180.00	EACH
Non-Virgin Preburn	\$330.00	EACH
BOOMS/ABSORBENTS	COST	UNIT
CONTAINMENT BOOM (5")	\$97.83	BAG
SORBENT PADS 100 CT	\$83.85	PACKAGE
SORBENT, PADS (CHEMICAL) 100 CT	\$88.98	PACKAGE
ABSORBENT, CLAY	\$13.97	BAG
ABSORBENT, ENCAPSULATING (CHEMICAL)	\$27.94	BAG
OIL SWEEP	\$65.97	BALE
VERMICULITE	\$13.97	BAG
VISQUENE (ROLL)	\$77.12	ROLL
POLY BAGS	\$58.70	ROLL
LINER, DRUM (POLY)	\$5.50	EACH
LINER, DRUM (CHEMICAL RESISTANT)	\$18.63	EACH
LINER, DUMPSTER (ROLL-OFF)	\$49.38	EACH
CAUSTIC NEUTRALIZER	\$139.76	BAG
ACID NEUTRALIZER	\$37.27	BAG
SODA ASH	\$27.94	BAG

CONTAINERS	COST	UNIT
55 GAL DRUM, STEEL (17H) NEW	\$83.85	EACH
55 GAL DRUM, STEEL (17H) RECON*	\$46.58	EACH
55 GAL DRUM, STEEL (17E) NEW	\$60.56	EACH
55 GAL DRUM, STEEL (17E) RECON*	\$41.92	EACH
SALVAGE DRUM, STEEL (5 GAL) NEW	\$25.88	EACH
SALVAGE DRUM, STEEL (35 GAL) NEW	\$46.58	EACH
SALVAGE DRUM, STEEL (55 GAL) NEW	\$93.18	EACH
SALVAGE DRUM,(95 GAL) NEW	\$232.94	EACH
SALVAGE DRUM, POLY (95 GAL) RECON*	\$155.30	EACH
55 GAL POLY DRUM, NEW	\$144.94	EACH
55 GAL POLY DRUM, RECON*	\$88.00	EACH
5 GALLON SALVAGE PAIL (NEW)	\$19.57	EACH
35 GAL POLY DRUM, NEW	\$56.91	EACH
5 GAL POLY DRUM, NEW	\$36.23	EACH
STEEL OVERPACK DRUM,(110 GAL) RECON*	\$181.17	EACH
<i>* WHEN AVAILABLE</i>		
PUMPS/SKIMMERS	COST	UNIT
TRASH PUMP 2"	\$103.53	DAY
TRASH PUMP 3"	\$129.41	DAY
SINGLE/DOUBLE DIAPHRAGM	\$103.53	DAY
HAND TRANSFER PUMPS	\$13.97	DAY
3" ALUMINUM DOUBLE DIAPHRAM	\$232.94	DAY
3" STAINLESS STEEL DOUBLE DIAPHRAGM	\$465.89	DAY
2" TEFLON/POLY DOUBLE DIAPHRAGM	\$279.53	DAY
HOSES	COST	UNIT
PETROLEUM (2" AND 3"), LOW PRESSURE	\$0.25	FT
CHEMICAL (2" AND 3"), LOW PRESSURE	\$0.93	FT
CHEMICAL TRANSFER	\$32.61	FT
FLEX HOSE – 6"	\$1.03	FT
WASTE DISPOSAL	COST	UNIT
ANY NON-HAZARDOUS WASTE STREAM GENERATED ON TASK ORDER BASIS (UNIT BASE COST BACKUP PROVIDED PER TASK ORDER)*	COST	

Note:

All other directs required complete the services to be billed at cost. Direct expense backup shall be presented with each proposal.