

SERVICES AUTHORIZATION #II ENGINEERING SERVICES AGREEMENT

THIS SERVICES AUTHORIZATION is made and entered into this _____ day of _____, 20____, by and between the **City of Orlando, Florida**, a municipal corporation existing under the laws of the State of Florida (CITY), and **Wantman Group, Inc.**, doing business locally at 213 South Dillard Street, Suite 210, Winter Garden, Florida 34787 (ENGINEER).

WHEREAS, the CITY and the ENGINEER have previously entered into an agreement for the ENGINEER's professional services (Agreement) on August 7, 2013 concerning the Sligh Boulevard Project (Project); and

WHEREAS, the CITY and the ENGINEER wish to amend the Agreement as set forth herein; and

WHEREAS, the CITY and the ENGINEER now wish to memorialize their understanding for the ENGINEER's additional professional services for the Project.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein and given one to the other, the sufficiency of which is hereby acknowledged, the parties agree as follows:

I. SCOPE OF SERVICES

The scope of services has been agreed to by the parties, and is attached hereto and incorporated herein, by reference, as EXHIBIT I.

II. FEE

A total not-to-exceed fee of \$432,957.56 has been agreed to by the parties, as set forth on EXHIBIT I

III. TERM

ENGINEER shall complete all work in accordance with the timeframes set forth in the scope of work, if any, provided, however, that all work and the term of the Services Authorization shall be completed by the end of business (5:00 p.m.) on December 14, 2015. It is also agreed that the CITY shall have an option for extension of this Services Authorization as necessary to complete the present scope of Services (Exhibit I) or to provide additional services.

IV. ENTIRE AGREEMENT

This Services Authorization supersedes all previous services authorizations, amendments, agreements, or representations, either verbal or written, heretofore in effect between the CITY and the ENGINEER that may have concerned the matters covered herein, except that this Services Authorization shall in no way supersede or amend the Agreement or other services authorizations or amendments except as specifically provided herein. No additions, alterations, or variations to the terms of this Services Authorization shall be valid, nor can the provisions of this Services Authorization be waived by either party, unless such additions, alterations, or waivers are expressly set forth in writing in a document duly executed by both parties. ENGINEER acknowledges and agrees that any proposals or proposed agreements from subconsultants attached to this SERVICES AUTHORIZATION are attached solely to reflect the scopes of work to be performed and the fees to be charged by such subconsultants. By executing this SERVICES AUTHORIZATION, the CITY does not become a party thereto or bound by the terms thereof.

IN WITNESS WHEREOF, the parties hereto have executed this Services Authorization on the day and year first written above.

City of Orlando, Florida

By: _____
David Billingsley, CPSM, C.P.M.
Chief Procurement Officer

APPROVE AS TO FORM AND LEGALITY
for the use and reliance of the
City of Orlando, Florida, only.

_____, 20____.

Michael S. O'Dowd
Assistant City Attorney
Orlando, Florida

Wantman Group, Inc.

By: _____

(Print Name)

Title: _____

STATE OF FLORIDA }

COUNTY OF _____ }

PERSONALLY APPEARED before me, the undersigned authority, _____, [] well known to me or [] who has produced _____ as identification, and known by me to be the _____ of the corporation named above, and acknowledged before me that he/she executed the foregoing instrument on behalf of said corporation as its true act and deed, and that he/she was duly authorized to do so.

WITNESS my hand and official seal this ____ day of _____, 20____.

NOTARY PUBLIC

Print Name: _____

My Commission Expires: _____



Wantman Group, Inc.

April 27, 2015

Mr. John Rogers
City Of Orlando
Transportation Engineering Division
400 S. Orange Ave.
Orlando, FL 32801

Re: Executive Summary for Scope of Services (Contract 13-0346) Columbia Street from Sligh Boulevard to Orange Avenue

Dear Mr. Rogers:

Wantman Group, Inc. (WGI) is pleased to provide this memo for the explanation of scope of professional engineering services to the City of Orlando for the subject project. Our scope of services is detailed below. For specific details on each task please refer to the fee and staff hour estimate package.

SCOPE OF SERVICES PLANS ASSEMBLY OF COLUMBIA EAST SEGMENT

The scope of this project is to develop plans to reconstruct and modify the existing Columbia Street from Sligh Boulevard to Orange Avenue. The purpose of the Columbia Street improvements is to reconstruct and reconfigure the existing road configuration to add one general travel lane in each direction, a left turn queue lane for side-streets and on-street parking wherever feasible. Additionally the proposed improvements will include utility upgrades (Force Main & Water Main), landscape improvements which will include median planters, landscape areas, tree planters and irrigation. Finally, lighting analysis and proposed lighting will be included as part of the improvements within the specified project limits.

WGI scope of services will include the following:

A. Engineering Design Phase Services

1. Development of line & grade concept & exhibit for the city to approve design layout and identify any other issues that might require attention from any of the disciplines involved in the final completion of this project.
2. Development of Horizontal / Vertical master design files.
3. No variations or exceptions have been identified and no man-hours have been allocated for this task.

4. Development of roadway & drainage design documentation to be included with phase submittals.
5. Development of cost estimate to be included with phase submittals.
6. Development of value engineering report to analyze the removal of bus concrete travel lane on Sligh Boulevard.
7. Development of specifications package utilizing FDOT LAP format.
8. Development of Concept Plans for Columbia Street from Sligh Boulevard to Orange Avenue.
9. Development of roadway plans for Columbia Street from Sligh Boulevard to Orange Ave.
10. Development of drainage plans for Columbia Street from Sligh Boulevard to Orange Ave.
11. Development of plans & coordination with utility agency owners.
12. Development of plans & coordination for sewer main.
13. Development of plans & coordination for water main.
14. Development of a design memo to add the new limits of Columbia Street from Sligh Boulevard to Orange Avenue for the pavement design report.
15. Utility designation & utility test holes services for the Columbia East Segment from Sligh Boulevard to Orange Avenue. This does not include any additional utility test holes that would be required on Sligh Boulevard from Miller Ave. to Columbia Street or on Columbia Street from Division Ave. to Sligh Boulevard due to the addition of the proposed underground power duct.
16. SJRWMD permit exemption request for Columbia East Segment.
17. Post design services for Columbia Street from Sligh Boulevard to Orange Ave.
18. Post design Services for Sligh Blvd from Miller Street to Division Ave.
19. Post Design Services for Columbia Street from Division Ave. to Sligh Blvd.

DESIGN FEES

Our fees for the proposed scope of services are as follows:

Wantman Group, Inc.			
City of Orlando Sligh Boulevard Project			
Columbia Street East Segment			
Description	Hours	Fee	Fee (3.0)
Roadway			
Act. 3 - Project Common and General Tasks	115	\$ 5,047.00	\$ 15,141.00
Act. 4 - Roadway Analysis	564	\$ 23,547.00	\$ 70,641.00
Act. 5 - Roadway Plans	386	\$ 16,574.00	\$ 49,722.00
Act. 6 - Drainage Analysis	222	\$ 9,626.00	\$ 28,878.00
Act. 7 - Utilities	130	\$ 6,589.00	\$ 19,767.00
Act. 7A - Utility Design (Sewer Main)	124	\$ 5,284.00	\$ 15,852.00
Act. 7B - Utility Design (Water Main OUC Proposal)			\$ 24,400.00
Act. 8 - Env. Permits, Compliance & Clearances	4	\$ 181.00	\$ 543.00
Miscellaneous			\$ -
Subtotal Roadway:	1545	\$ 66,848.00	\$ 224,944.00
Survey			
Task 1 - Topo and Route	8		\$ 1,010.00
Task 2 - Utility Designation	19		\$ 2,010.00
Task 3 - Utility Test Holes (SUE)	125		\$ 18,310.00
Task 4 - Final Deliverables	22		\$ 1,830.00
Subtotal Survey:	166		\$ 23,160.00
Grand Total:		1711	\$ 248,104.00

POST DESIGN FEES

Below are our proposed fees for the post design services for the segments specified below

Wantman Group, Inc.			
City of Orlando Sligh Boulevard Project (Post Design Fees)			
Sligh Blvd Segment			
Description	Hours	Fee	Fee (3.0)
Roadway			
Roadway Analysis Post Design	125	\$ 5,376.00	\$ 16,128.00
Drainage Analysis Post Design	40	\$ 1,706.00	\$ 5,118.00
Sewer Utility Design Post Design	40	\$ 1,706.00	\$ 5,118.00
Subtotal Roadway:	205	\$ 8,788.00	\$ 26,364.00

Wantman Group, Inc.			
City of Orlando Sligh Boulevard Project (Post Design Fees)			
Columbia Street East Segment			
Description	Hours	Fee	Fee (3.0)
Roadway			
Roadway Analysis Post Design	100	\$ 4,264.00	\$ 12,792.00
Drainage Analysis Post Design	16	\$ 686.00	\$ 2,058.00
Sewer Utility Design Post Design	28	\$ 1,187.00	\$ 3,561.00
Subtotal Roadway:	144	\$ 6,137.00	\$ 18,411.00

WGI Post Design Services Total Fees	
Firm	Total
WGI - Segment 1	\$ 26,364.00
WGI - Segment 2	\$ 18,411.00
Totals:	\$ 44,775.00

WGI TOTAL FEES

WGI Overall Totals (Design & Post Design Fees)	
Firm	Total
WGI Roadway/Survey	\$ 248,104.00
WGI Post Design	\$ 44,775.00
Totals:	\$ 292,879.00

TOTAL FEES

Below are our total fees which include the design fees for the Columbia east segment and post design service fees for the segments specified above:

TOTAL FEE INCLUDES TOTAL FOR DESIGN & POST DESIGN SERVICES

FIRM	TOTAL	% OF TOTAL	MBE/WBE CERT.
WGI	\$292,879.00	67.65%	
Dannick	\$48,557.10	11.22%	MBE
RS&H	\$22,626.00	5.23%	
JCR CONSULTING	\$34,071.28	7.87%	WBE
OM ENGINEERING SERVICES	\$34,824.18	8.04%	MBE
TOTALS	\$432,957.56	100.00%	

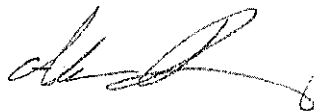
MBE/WBE TOTALS:

MBE Total:	19.26%
WBE Total:	7.87%
M/WBE Total:	27.13%

We appreciate the opportunity to be of service to City of Orlando.

Respectfully submitted,

WANTMAN GROUP, INC.



Alfredo Rodriguez, P.E.
Project Manager

T:\21351346.00 Sligh Boulevard\WGL_DATA\Project Management\Scope and Fee\Staff Hours & Fee Estimates\Final Supplemental\Submitted\01 Proposal - Supplemental.doc

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Columbia St. from Sligh Blvd. to Orange Ave.
 County: Orange County - City of Orlando
 FPN: N/A
 FAP No.: N/A

Consultant Name: Wadman Group
 Consultant No.: 41272015
 Date: 4/27/2015

enter consultants proj. number

Staff Classification	Total Staff Hours From Summary	Sr. Project Manager	QC rev.	Engineer Intern	Sr. Project Engineer	Project Engineer	Lead Utility Coordinator	Utility Coordinator	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	Estimator	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	115	86	\$72.11	\$25.00	\$33.85	\$33.85	\$51.67	\$36.53	\$0.00	\$0.00	\$0.00	\$0.00	0	115	\$3,047	\$43.88
4. Roadway Analysis	594	169	0	0	197	197	0	0	0	0	0	0	0	593	\$3,252	\$41.82
5. Roadway Plans	385	97	19	19	135	116	0	0	0	0	0	0	0	388	\$15,373	\$42.94
6. Drainage Analysis	222	0	0	0	67	67	0	89	0	0	0	0	0	223	\$3,328	\$43.17
7. Utilities	130	13	0	0	0	0	117	0	0	0	0	0	0	130	\$5,589	\$50.89
7A. Utility Design	124	62	0	0	37	25	0	0	0	0	0	0	0	124	\$5,289	\$42.61
8. Environmental Permitting, Compliance & Clearances	4	0	0	0	0	0	0	4	0	0	0	0	0	4	\$153	\$46.19
9. Structures - Misc. Tanks, Ditch, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DNV01
Total Staff Hours	1,545	427	19	19	405	405	117	93	0	0	0	0	0	1,545	\$56,847.54	\$43.27
Total Staff Cost	\$17,857.14	\$1,370.09	\$494.00	\$23,250.00	\$13,626.25	\$8,045.39	\$4,202.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1,545	\$56,847.54	\$43.27

SALARY RELATED COSTS:

OPERATING MARGINS:
 FCM (Facilities Capital Cost Money): 0%
 EXPENSES: 0.00%
 Survey (Field - if by Prime) \$ / day
 SubTOTAL ESTIMATED FEE: \$66,847.54
 Subconsultant: Enter Name Sub 1
 Subconsultant: Sub 2
 Subconsultant: Sub 3
 Subconsultant: Sub 4
 Subconsultant: Sub 5
 Subconsultant: Sub 6
 Subconsultant: Sub 7
 Subconsultant: Sub 8
 Subconsultant: Sub 9
 Subconsultant: Sub 10
 Subconsultant: Sub 11
 Subconsultant: Sub 12
 SubTOTAL ESTIMATED FEE: \$66,847.54
 Geotechnical Field and Lab Testing
 SubTOTAL ESTIMATED FEE: \$66,847.54
 Optional Services
 GRAND TOTAL ESTIMATED FEE: \$66,847.54

Survey Field Days by Subconsultant
 4 - Person Crew:

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

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Sligh Blvd from Miller St. to Columbia S.
 County: enter name of county
 FPN: 899999-1-52-01
 FAP No.: 54321

Consultant Name: Wantman Group
 Consultant No.: enter consultants prof. number
 Date: 4/23/2015

Staff Classification	Total Staff Hours From SH	Project Manager	QC Rev	Engineer Inform	Sr. Project Engineer	Project Engineer	Lead Util. Coordinator	Permit / Drainage	Utility Coordinator	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	125	63	\$41.82	\$72.41	\$26.00	\$50.00	\$33.65	\$51.57	\$36.53	\$0.00	\$0.00	\$0.00	\$0.00	126	\$5,376	\$42.67
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	40	20	0	0	12	8	8	0	0	0	0	0	0	40	\$1,706	\$42.64
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. Traffic, Drain, 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 - Mobile 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. Terrestrial Mobile LIDAR	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!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	205	103	\$4,307.48	\$0.00	\$0.00	\$3,100.00	\$1,379.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	206	\$8,788.00	\$42.66

Check = \$8,788.00															
SALARY RELATED COSTS:															
OVERHEAD:															
OPERATING MARGIN:															
FCCM (Facilities Capital Cost Money):															
EXPENSES:															
Survey (Field - If by Prime)															
SUBTOTAL ESTIMATED FEE:															
Subconsultant: Damnick															
Subconsultant: RSHH															
Subconsultant: Sub 3															
Subconsultant: Sub 4															
Subconsultant: Sub 5															
Subconsultant: Sub 6															
Subconsultant: Sub 7															
Subconsultant: Sub 8															
Subconsultant: Sub 9															
Subconsultant: Sub 10															
Subconsultant: Sub 11															
Subconsultant: Sub 12															
SUBTOTAL ESTIMATED FEE:															
Geotechnical Field and Lab Testing															
SUBTOTAL ESTIMATED FEE:															
Optional Services															
GRAND TOTAL ESTIMATED FEE:															

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

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Columbia St. from Sligh Blvd. to Orange Ave.
 County: Orange County - City of Orlando
 FPN: 998985-1-52-01
 FAP No: N/A

Consultant Name: Warman Group
 Consultant No.: enter consultants proj. number
 Date: 4/24/2015

Staff Classification	Total Staff Hours From Summary	Project Manager	QC Pnc.	QC Rev.	Sr. Project Engineer	Project Engineer	Lead Unit Coordinator	Permit / Drainage	Utility Coordinator	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	100	50	0	0	30	20	0	0	0	0	0	0	0	100	\$4,284	\$42.84
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	15	8	0	0	5	3	0	0	0	0	0	0	0	16	\$686	\$42.84
7. Utilities	28	14	0	0	8	6	0	0	0	0	0	0	0	28	\$1,157	\$42.41
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, Dwg., Non-Test.	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. Terrestrial Mobile LIDAR	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!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	143	72	0	0	43	29	0	0	0	0	0	0	0	144	\$6,137.00	\$42.82

Survey Field Days by Subconsultant
 4 - Person Crew

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

SALARY RELATED COSTS:

OVERHEAD: 0%
 OPERATING MARGIN: 0%
 PCMC (Facilities Capital Cost Memo): 0.00%
 EXPENSES: 0.00%
 Survey (Field - if by Prime) \$ / day
 SUBTOTAL ESTIMATED FEE: \$6,137.00
 Subconsultant: Danick
 Subconsultant: RS&H
 Subconsultant: Sub 3
 Subconsultant: Sub 4
 Subconsultant: Sub 5
 Subconsultant: Sub 6
 Subconsultant: Sub 7
 Subconsultant: Sub 8
 Subconsultant: Sub 9
 Subconsultant: Sub 10
 Subconsultant: Sub 11
 Subconsultant: Sub 12
 SUBTOTAL ESTIMATED FEE: \$6,137.00
 Geotechnical Field and Lab Testing
 SUBTOTAL ESTIMATED FEE: \$6,137.00
 Optional Services
 GRAND TOTAL ESTIMATED FEE: \$6,137.00

Check = \$6,136.89



ENGINEERING / SURVEYING / ENVIRONMENTAL / PLANNING

August 11, 2014

Mr. Matthew Tibbetts
Water Distribution Engineering
Orlando Utilities Commission
3800 Gardenia Avenue
Orlando, FL 32839

**Re: Columbia Street Water Main Design
Proposal for Professional Engineering Services**

Dear Mr. Tibbetts:

Wantman Group, Inc. (WGI) is pleased to provide this proposal for professional engineering services to the Orlando Utilities Commission (OUC) and the City of Orlando for replacing approximately 1,500 LF of existing 6" water main along Columbia Street (from Sligh Blvd to S. Orange Avenue) in conjunction with the City of Orlando's roadway project of the same limits. Our scope of services and corresponding fees are detailed below.

SCOPE OF SERVICES

WGI scope of services will include the following:

A. Engineering Design Phase Services

WGI will perform the following engineering design services for the new water main: and will incorporate roadway and sewer designs provided by WGI.

1. Design and prepare on-site potable water distribution plans including details in accordance with OUC, City of Orlando, and Florida Department of Environmental Protection standards.
2. Submit to OUC and the City of Orlando 60% and 100% construction documents. Deliverables will include on 11x17 hardcopy, and a Adobe X PDF file for each submittal and final signed / sealed set.

B. Permitting Phase Services

WGI will prepare and submit the permit applications along with the required associated design documents. All permit fees will be paid by WGI and reimbursed by OUC and the City of Orlando. Required permit fees will be established during the permitting phase. We anticipate submitting applications and documents to the following agencies:

1. Orlando Utilities Commission (OUC) Water Plan Approval.
2. Florida Department of Environmental Protection (FDEP) – Water Permit.

C. Post Design Services

WGI will perform the following construction phase services for the water main improvements:

1. Perform periodic field observations of construction for the work included in the civil engineering plans to ensure the work is completed in substantial accordance with the approved and permitted plans and specifications. Observations will include pressure test and pigging and flushing of the new water main. (Budget 20 hours)
2. Respond to Contractor's Request for Additional Information (RAI) and Change Orders.
3. Coordinate and submit record drawings prepared by Contractor's Professional Surveyor registered in the State of Florida to permitting agencies for approval.
4. Attend a pre-final and final field review with OUC and the City of Orlando and prepare punch list.
5. Prepare and submit construction certification packages for final acceptance.
6. Provide OUC and the City of Orlando a signed / sealed set of 11x17 record drawings and AutoCAD files (2012 format or earlier).

BASIS OF THIS PROPOSAL

This proposal is based on the following:

1. WGI shall be entitled to rely on the completeness and accuracy of all information provided by OUC. Information requested by WGI during the project will include, but may not be limited to:
 - a. Conceptual layout of proposed water mains to be incorporated into the design.
 - b. Locations of all existing water mains and services along the project corridor that will require re-connection.
2. The water main design will incorporate roadway and sewer designs prepared by WGI under a separate contract.
3. Design of new water main improvements is based conceptual drawing information provided by OUC. Any additional work required to locate services or other water main elements is not included.
4. Additional submittals and coordination with permitting agencies not due to WGI's work will be invoiced on an hourly basis in accordance with the attached fee schedule.
5. The project will be designed and permitted in one (1) phase.
6. 60% and 100% construction documents submittals will include the following plan sheets:
 - Cover Sheet

- Key Sheet
 - Water Distribution Plan
 - Detail Sheets
7. Deliverables to OUC and the City of Orlando will include on 11x17 hard copy, and an Adobe X.PDF file for the 60% and 100% submittals and a signed /sealed 100% set.
 8. Water Plan sheets will be drawn at 1"= 20' scale.
 9. Civil engineering specifications and details will be included in the construction plans.
 10. All water main construction is assumed to occur simultaneously with the roadway construction eliminating the need for additional Storm Water Pollution Prevention Plans.
 11. All M.O.T. during construction is assumed to occur simultaneously with the roadway construction eliminating the need for additional M.O.T. plans.
 12. The project will be constructed concurrently with the proposed water main improvements associated with the Sligh Blvd. roadway project.
 13. Site Visits for construction administration are based on a budget of an additional twenty (20) hours beyond the currently contracted post design scope work for the Sligh Blvd water main improvements. Additional time for site visits will be pre- approved by OUC, City of Orlando and invoiced on an hourly basis in accordance with the attached fee schedule.
 14. Attendance to pre-construction meeting and shop drawing review for proposed water main improvements will be included current contracted scope of work for Sligh Blvd roadway improvements.
 15. Services not included:
 - Survey, title search, easements, legal descriptions or plats.
 - Environmental, Traffic, Structural, Electrical or Mechanical Engineering services.

FEES

Our fees for the proposed scope of services are as follows:

<u>Task</u>	<u>Type</u>	<u>Budget</u>
1. Engineering Design Phase Services	Lump Sum	\$ 11,700
2. Permitting Services	Lump Sum	\$ 4,200
3. Post Design Services	Lump Sum	\$ 8,500
TOTAL LUMP SUM FEE		\$ 24,400 *

Mr. Matthew Tibbetts
August 11, 2014
Page 4

*Permitting Fees are not included in total fee. Required permit fees will be established during the permitting phase scope of work.

We appreciate the opportunity to be of service to the Orlando Utilities Commission and the City of Orlando.

Respectfully submitted,

WANTMAN GROUP, INC.

Jennifer K. Morton
Jennifer Morton, RLA, LEED-AP
Land Development Manager
LA 0001666

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Project Fee Schedule: Sheet 1

WANTMAN GROUP, INC.

No.	Task Item	PSM	SR-PSM	Technician	Clerical	3-Person Survey Crew	Utility Designating Crew	Vacuum Excavation Crew	Task Total
	2013 WGL Rates	\$ 120.00	\$ 150.00	\$ 70.00	\$ 50.00	\$ 150.00	\$ 120.00	\$ 195.00	
1	Topographic and Route Survey (includes Horizontal and Vertical Control)	1	1	2	0	4			\$ (1,010.00)
2	Utility Designation	4	1	6	0	0	8		\$ (2,010.00)
3	Utility Test Holes	16	4	32	1	12		60	\$ (18,310.00)
4	Specific Purpose Right of Way (Apparatus) Survey								\$ -
5	Title Search (LS to be provided by others)								\$ -
6	As-built Survey								\$ -
7	Final Deliverables	3	2	16	1				\$ (1,830.00)
	Total Cost								\$ (25,160.00)
	Total Hours	24	8	56	2	16	8	60	
	Cost by Position	\$ 2,880.00	\$ 1,200.00	\$ 3,920.00	\$ 100.00	\$ 2,400.00	\$ 960.00	\$ 11,700.00	

April 24, 2015

Mr. Alfredo Rodriguez, P.E.
Project Manager
Wantman Group, Inc.
213 South Dillard Street, Suite 210
Winter Garden, Florida 34787

Re: Executive Summary for Scope of Services (Contract 13-0346) Columbia Street from Sligh Boulevard to Orange Avenue

Dear Mr. Rodriguez:

Dannick Engineering Consultants, Inc. (DANNICK) is pleased to provide this memo for the explanation of scope of professional engineering services for the subject project and welcomes the opportunity to once again be a part of your Team in performing professional engineering services to the City of Orlando. We have completed a portion of Columbia Street under the Sligh Boulevard Reconstruction Project umbrella. We intend on providing the same type of work as was performed under the Sligh Boulevard Reconstruction Project on this contract.

The aforementioned project corridor begins at the eastern most portion of Sligh Boulevard and Columbia Street intersection and continues east to the intersection of Columbia Street and Orange Avenue. Our primary responsibility will be to provide traffic control design and develop construction documents supporting our design. Our design anticipates some involvement with the existing signalized intersection at Columbia Street and Orange Avenue. The signal impacts are anticipated to be minor as it relates to our phase construction design.

Our design and fee estimate will be contingent upon the newly constructed Columbia Street from Division Avenue to Sligh Boulevard being completed and open to traffic. Please refer to the attached schedule of fee estimate for a more in depth design intent.

We will continue to provide all specification documents similar to that of the Florida Department of Transportation LAP Program specification guidelines.

SCOPE OF SERVICES PLANS ASSEMBLY OF COLUMBIA EAST SEGMENT

The scope of this project is to develop phase construction documents to reconstruct and modify the existing Columbia Street from Sligh Boulevard to Orange Avenue.

Incidental pertinent design to this phase construction will be adjustment to signal loops and signal heads. In addition, Wantman Group, Inc. (WGI) will perform any incidental temporary drainage, lighting, and utility design associated with the development of the phase

construction documents.

DANNICK scope of services will include the following:

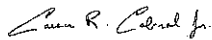
A. Engineering Design Phase Services

1. Development of traffic control phase construction documents not to exceed 3 phases.
2. Development of associated signal loops and signal head adjustments to accommodate 3 phase construction design.
3. Perform and maintain electronic CADD design files for final delivery.
4. Develop maintenance of traffic cost estimate to be included with project phase submittals.
5. Development of specifications package utilizing FDOT LAP format as it relates to traffic control plans.
6. Development of Concept Plans for Columbia Street from Sligh Boulevard to Orange Avenue.
7. Provide Post Design services which include attending pre-construction conference, attending progress meetings, and providing guidance during construction phase as related to the traffic control documents.

B. Post Design Services (SLIGH BLVD PROJECT)

1. Provide post design services which include attending pre-construction conference, attending progress meetings, and providing guidance during construction phase as related to the traffic control documents and the bus shelter foundation plans.

Sincerely,



Caesar R. Cabral Jr., P.E.
President

Dannick Engineering Consultants, Inc.				
City of Orlando Sligh Boulevard Project				
Columbia Street East Segment				
Description	Hours	Fee	Fee (2.55)	
Roadway and Structures				
Act. 4 - Roadway Analysis	186	\$ 9,597.00	\$ 24,472.35	
Act. 5 - Roadway Plans	92	\$ 4,336.00	\$ 11,056.80	
Act. 21 - Signalization Analysis	14	\$ 785.00	\$ 2,001.75	
Act. 22 - Signalization Plans	12	\$ 554.00	\$ 1,412.70	
Total:	304	\$ 15,272.00	\$ 38,943.60	

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project:

County: Orange

FPN: 998998-1-52-01

FAP No.: 54321

Columbia Street Reconstruction from Sligh Blvd. to Orange Ave. (SR 527)

Consultant Name: Danick Engineering Consultants, Inc.

Consultant No.: Columbia Street

Date: 4/28/2015

Estimator: William Johnson

Staff Classification	Total Staff Hours From Summary	Project Manager	Sr. Project Engineer	Project Engineer	Cad Tech	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
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	186	140	28	19	0	0	0	0	0	0	0	0	0	187	\$8,597	\$51.32
5. Roadway Plans	92	46	23	23	0	0	0	0	0	0	0	0	0	92	\$4,386	\$47.13
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, Dwg's, 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	14	11	4	0	0	0	0	0	0	0	0	0	0	15	\$785	\$56.07
22. Signalization Plans	12	6	2	4	0	0	0	0	0	0	0	0	0	12	\$554	\$46.17
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. Terrestrial Mobile LIDAR	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!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	304	203	57	46	0	0	0	0	0	0	0	0	0	306	\$15,271.00	\$49.91

Check *															
SALARY RELATED COSTS:															
OVERHEAD:															
OPERATING MARGIN:															
FCCM (Facilities Capital Cost Money):															
EXPENSES:															
SUBTOTAL ESTIMATED FEE:															
Survey (Field)															
Geotechnical Field and Lab Testing															
SUBTOTAL ESTIMATED FEE:															
Optional Services															
GRAND TOTAL ESTIMATED FEE:															
Notes:															
1. This sheet to be used by Subconsultant to calculate its fee.															
SALARY RELATED COSTS:															
OVERHEAD:															
OPERATING MARGIN:															
FCCM (Facilities Capital Cost Money):															
EXPENSES:															
SUBTOTAL ESTIMATED FEE:															
Survey (Field)															
Geotechnical Field and Lab Testing															
SUBTOTAL ESTIMATED FEE:															
Optional Services															
GRAND TOTAL ESTIMATED FEE:															

Dannick Engineering Consultants, Inc.

City of Orlando Sligh Boulevard Project (Post Design Fees)			
Description	Hours	Fee	Fee (2.55)
Roadway and Structures			
Post Design TCP	40	\$ 1,885.00	\$ 4,806.75
Post Design Structures	40	\$ 1,885.00	\$ 4,806.75
Total:	80	\$ 3,770.00	\$ 9,613.50

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: South Sligh Blvd. and West Columbia Street
 County: City of Orlando - Orange County
 FPN: 433130-1-58-01
 FAP No.: 54321

Consultant Name: Damnick Engineering Consultants, Inc.
 Consultant No.: enter consultants proj. number
 Date: 4/28/2015

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Staff Classification 2	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	Estimator: Insert name	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	80	40	20	20	0	0	0	0	0	0	0	0	0		80	\$3,770.00	\$47.13
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, Digs, 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. Terrestrial Mobile LIDAR	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!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0		0	\$0	#DIV/0!
Total Staff Hours	80	40	20	20	0	0	0	0	0	0	0	0	0		80	\$3,770.00	\$47.13

Check #																	\$3,770.00
SALARY RELATED COSTS:																	\$3,770.00
OVERHEAD:																	\$0.00
OPERATING MARGIN:																	\$0.00
FCCM (Facilities Capital Cost Money):																	\$0.00
EXPENSES:																	\$0.00
SUBTOTAL ESTIMATED FEE:																	\$3,770.00
Survey (Field)																	\$0.00
Geotechnical Field and Lab Testing																	\$0.00
SUBTOTAL ESTIMATED FEE:																	\$3,770.00
Optional Services																	\$0.00
GRAND TOTAL ESTIMATED FEE:																	\$3,770.00

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



1715 North Westshore Boulevard
Suite 500
Tampa, Florida 33607

O 813-289-5550
F 813-289-0263
rsandh.com

April 27, 2015

WANTMAN GROUP, INC. (WGI)
ATTN: ALFREDO RODRIGUEZ, P.E.
213 South Dillard Street, Suite 210
Winter Garden, Florida

RE: EXECUTIVE SUMMARY FOR SCOPE OF POST DESIGN SERVICES
SLIGH BOULEVARD (Contract 13-0346)

Dear Mr. Rodriguez,

RS&H, Inc. (RS&H) is pleased to provide this memo for the explanation of scope of professional post design engineering services to Wantman Group, Inc. (WGI) for the subject project. Our scope of services is detailed below. For specific details on each task please refer to the fee and staff hour estimate package.

SCOPE OF SERVICES – POST DESIGN SERVICES FOR SLIGH BOULEVARD PROJECT

The scope is to provide post design services for Architectural, Landscape Architectural, Irrigation and Lighting along Sligh Boulevard between West Miller Street to the South and Columbia Street to North. Additional Post Design Services for Landscape, Irrigation and Lighting will be along Columbia Street between Sligh Boulevard South Division Avenue.

A. POST DESIGN SERVICES (SLIGH BOULEVARD PROJECT)

1. Provide post design services which include attending pre-construction conference, attending progress meetings and providing guidance during construction phase as related to the following:
 - a. Architectural Post Design Services.
 - b. Landscape Architectural Post Design Services
 - c. Irrigation Post Design Services
 - d. Lighting Post Design Services.

Sincerely,

David M. Bryan
Project Manager

Reynolds, Smith and Hills, Inc.

City of Orlando Sligh Boulevard Project (Post Design Fees)				
Description	Hours	Fee	Fee (3.0)	
Landscape and Architecture				
Landscape Architecture Analysis Post Design	48	\$ 1,819.00	\$	5,457.00
Irrigation Analysis Post Design	40	\$ 2,020.00	\$	6,060.00
Architecture Analysis Post Design	40	\$ 1,783.00	\$	5,349.00
Lighting Analysis Post Design	42	\$ 1,920.00	\$	5,760.00
Grand Total:	170	\$ 7,542.00	\$	22,626.00

April 24, 2015



Alfredo Rodriguez, P. E.
Project Manager
WGI
213 South Dillard Street, Suite 210
Winter Garden, FL 34787

RE: City of Orlando – Columbia Street from Sligh Blvd. to Orange Ave.

Dear Mr. Rodriguez:

JCR Consulting is grateful to have this opportunity to serve as your Landscape Architect of Record for the above referenced roadway improvement project. Our firm has worked on several projects in the downtown area and will endeavor to work with the team to make this a successful project. Our scope of work will entail coordinating with the design engineers to create a landscape and irrigation plan that reflects the aesthetics established for such a high profile area. As with all roadway landscape we will ensure safe site-lines are maintained, conflicts with overhead utilities and street lights are avoided, and that the landscape doesn't interfere with the required roadway signage. Additionally, we have extensive experience within FDOT District 5 completing landscape and irrigation improvements under LAP and JPA agreements.

Specifically our scope will consist of:

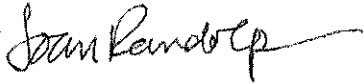
- Data collection – obtaining adjacent landscape plans and guidelines to ensure our design continues the theme established for this specific area, and coordinate with the designers for those areas.
- Site Inventory and Analysis – we will document the current landscape that will be within the project area that might be impacted during the construction phase and will need to be restored as part of the project. Additionally we will work with the roadway, ITS and electrical designers to identify early on any potential conflict areas that will impact the landscape design.
- Landscape and Irrigation Plans – we will prepare conceptual designs, cost estimates and final designs in a phased format. All plans will be prepared to a scale designated by your firm and sufficient to clearly communicate the requirements to the design team, city and contractors. As the design progresses we will reconcile the budget to ensure the final plans are based on the approved landscape and irrigation budget. The plans for this

approximately .3 mile project will show sufficient details, specifications, notes and quantities. We will be available for clarifications and updates as the pre-bid process moves forward.

- Meetings – we have included time to attend two team coordination meetings as well as communicate via teleconferences, phone calls and email.
- Post Design Services - two field visits will be performed to complete a substantial and final inspection. From these visits we will document the progress during landscape and irrigation construction and provide all findings in memorandums outlining all expected corrective actions required of the landscape contractor.

If you have any questions regarding our scope of services, please don't hesitate to call me. We look forward to working with WGI and the City of Orlando on this project.

Respectfully,



Joan Randolph, RLA
Principal Owner

JCRProjects/14-009

JCR Consulting

P.O. BOX 941994 • MAITLAND, FL 32794-1994 • (407) 644-5297 • Fax (407) 644-3274

www.JCR-LandscapeArchitects.com

DBE/WBE • Reg.No. LA0000576

JCR Consulting

City of Orlando Sligh Boulevard Project				
Columbia Street East Segment				
Description	Hours	Fee	Fee (2.77)	
Landscape and Architecture				
Act. 25 - Landscape Architecture Analysis	49	\$ 2,353.00	\$	6,517.81
Act. 26 - Landscape Architecture Plans	160	\$ 7,544.00	\$	20,896.88
Grand Total:	209	\$ 9,897.00	\$	27,414.69

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Columbia Street Phase II
 County: Orange
 FPN: N/A
 FAP No.: N/A

Consultant Name: JCR Consulting
 Consultant No.: 4282015
 Date: 4/28/2015

Staff Classification	Total Staff Hours From SH Summary Form	Project Manager	Senior Landscape Architect	Landscape Architect	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
3. Project General and Project Common Tasks	0	\$0.00	\$749.88	\$40.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	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, Digs, 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	48	0	39	10	0	0	0	0	0	0	0	0	0	49	\$2,353	\$48.02
26. Landscape Architecture Plans	160	0	112	48	0	0	0	0	0	0	0	0	0	160	\$7,544	\$47.15
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. Terrastrial Mobile LIDAR	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!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	209	0	151	58	0	0	0	0	0	0	0	0	0	209	\$9,897.70	\$47.35
Total Staff Cost		\$0.00	\$7,531.86	\$2,365.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$9,897.70	\$47.35

Check = \$9,897.70

SALARY RELATED COSTS:
 OVERHEAD: 0%
 OPERATING MARGIN: 0%
 FOCM (Facilities Capital Cost Money): 0.00%
 EXPENSES: 0.00%
 SUBTOTAL ESTIMATED FEE: \$9,897.70
 Survey (Field) 0 / day
 Geotechnical Field and Lab Testing \$0.00
 SUBTOTAL ESTIMATED FEE: \$9,897.70
 Optional Services \$0.00
 GRAND TOTAL ESTIMATED FEE: \$9,897.70

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

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Columbia Street Phase II
 County: Orange
 FPN:
 FAP No.:

Consultant Name: JCR Consulting
 Consultant No.:
 Date: 4/28/2015
 Estimator:

Staff Classification	Total Staff Hours From Firm	Project Manager	Senior Landscape Architect	Landscape Architect	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
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
6. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
9. Structures - Misc. Tasks, Dwg's, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
25. Landscape Architecture Analysis	50	0	40	10	0	0	0	0	0	0	0	0	0	0	\$2,403.10	\$48.06
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00
Total Staff Hours	50	0	40	10	0	0	0	0	0	0	0	0	0	0	\$0	\$2,403.10
Total Staff Cost		\$0.00	\$1,692.20	\$407.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$2,403.10

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

SALARY RELATED COSTS:
 OVERHEAD: 0%
 OPERATING MARGIN: 0%
 FCCM (Facilities Capital Cost Money): 0.00%
 EXPENSES: 0.00%
 SUBTOTAL ESTIMATED FEE: \$2,403.10
 Survey (Field) 0 / day
 Geotechnical Field and Lab Testing \$0.00
 SUBTOTAL ESTIMATED FEE: \$2,403.10
 Optional Services \$0.00
 GRAND TOTAL ESTIMATED FEE: \$2,403.10

JCR Consulting

City of Orlando Sligh Boulevard Project (Post Design Fees)				
Columbia Street East Segment				
Description	Hours	Fee	Fee (2.77)	
Landscape and Architecture				
Landscape Architecture Analysis Post Design	25	\$ 1,201.55	\$	3,328.29
Irrigation Analysis Post Design	25	\$ 1,201.55	\$	3,328.29
Grand Total:	50	\$ 2,403.10	\$	6,656.59

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Columbia Street Phase II
County: Orange
FPN:
FAP No.:

Consultant Name: JCR Consulting

Consultant No.:

Date: 4/28/2015

Estimator:

Staff Classification	Total Staff Hours From Firm	Project Manager	Senior Landscape Architect	Landscape Architect	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
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, Dwg, 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	50	0	40	10	0	0	0	0	0	0	0	0	0	50	\$2,403	\$48.06
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. Terrestrial Mobile LIDAR	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!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	50	0	40	10	0	0	0	0	0	0	0	0	0	50	\$2,403.10	\$48.06
Total Staff Cost		\$0.00	\$1,995.20	\$407.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$2,403.10	\$48.06

SALARY RELATED COSTS:

OVERHEAD: \$2,403.10
OPERATING MARGIN: 0%
FCCM (Facilities Capital Cost Money): 0%
EXPENSES: 0.00%
SUBTOTAL ESTIMATED FEE: \$2,403.10
Survey (Field) 0 4-man crew da \$ / day
Geotechnical Field and Lab Testing \$0.00
SUBTOTAL ESTIMATED FEE: \$2,403.10
Optional Services \$0.00
GRAND TOTAL ESTIMATED FEE: \$2,403.10

Notes:

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



**OM ENGINEERING
SERVICES, INC.**
Civil • Structural • Inspections

April 27, 2015

Mr. Alfredo Rodriguez, P.E. Project Manager
Wantman Group, Inc.
213 South Dillard Street, Suite 210
Winter Garden, Florida 34787

**Re: Executive Summary for Scope of Services (Contract 14-1460) Columbia Street
from Sligh Boulevard to Orange Avenue**

Dear Mr. Rodriguez:

OM Engineering Services, Inc. (OME) is pleased to provide this memo for the explanation of scope of professional engineering services for the subject project in performing professional engineering services to the City of Orlando. We are to provide Lighting Design Services and Signing & Pavement Marking Design Services.

The aforementioned project corridor begins at the eastern most portion of Sligh Boulevard and Columbia Street intersection and continues through to the edge of Orange Avenue. Our primary responsibility will be to provide Lighting Design and Signing and Pavement Marking plans supporting our design.

Our design and fee estimate for Lighting is contingent upon using similar lighting to Sligh Blvd plans by RS&H of March 2013. The Signing and Pavement Marking fee estimate is based on FDOT guidelines. Please refer to the attached schedule of fee estimate for a more in depth design intent.

We will continue to provide all specification documents similar to that of the Florida Department of Transportation LAP Program specification guidelines.

SCOPE OF SERVICES PLANS ASSEMBLY OF COLUMBIA EAST SEGMENT

The scope of this project is to develop Lighting Plans and Signing & Pavement Marking Plans documents to reconstruct and modify the existing Columbia Street from Sligh Boulevard to Orange Avenue.

Wantman Group, Inc. (WGI) will perform any incidental Roadway, temporary drainage, Traffic, MOT, and utility design associated with the construction documents.

OME scope of services will include the following:

A. Engineering Design Phase Services

1. Development of Lighting Analysis and plans.
2. Development of Signing and Pavement Analysis and Plans.



**OM ENGINEERING
SERVICES, INC.**
Civil • Structural • Inspections

3. Perform and maintain electronic CADD design files for final delivery.
4. Provide Post Design services for lighting Design.

Sincerely,

Nimesh Bhavsar, P.E. President

OM Engineering Services

City of Orlando Sligh Boulevard Project			
Columbia Street East Segment			
Description	Hours	Fee	Fee (2.82)
Survey			
Act. 23 - Lighting Analysis	56	\$ 2,450.00	\$ 6,909.00
Act. 24 - Lighting Plans	64	\$ 2,428.00	\$ 6,846.96
Act. 19 - Signing & Pavement Marking Analysis	105	\$ 4,535.00	\$ 12,788.70
Act. 20 - Signing & Pavement Marking Plans	53	\$ 2,311.00	\$ 6,517.02
Grand Total:	278	\$	33,061.68

Consultant: OM Engineering Services, Inc
Date Prepared: April 28, 2015

* THESE AMOUNTS SHOULD BE EQUAL (+/- \$0.05)

OM Engineering

City of Orlando Sligh Boulevard Project (Post Design Fees)				
Columbia Street East Segment				
Description	Hours	Fee	Fee (2.82)	
Landscape and Architecture				
Lighting Post Design	15	\$ 625.00	\$	1,762.50
Grand Total:	15	\$ 625.00	\$	1,762.50

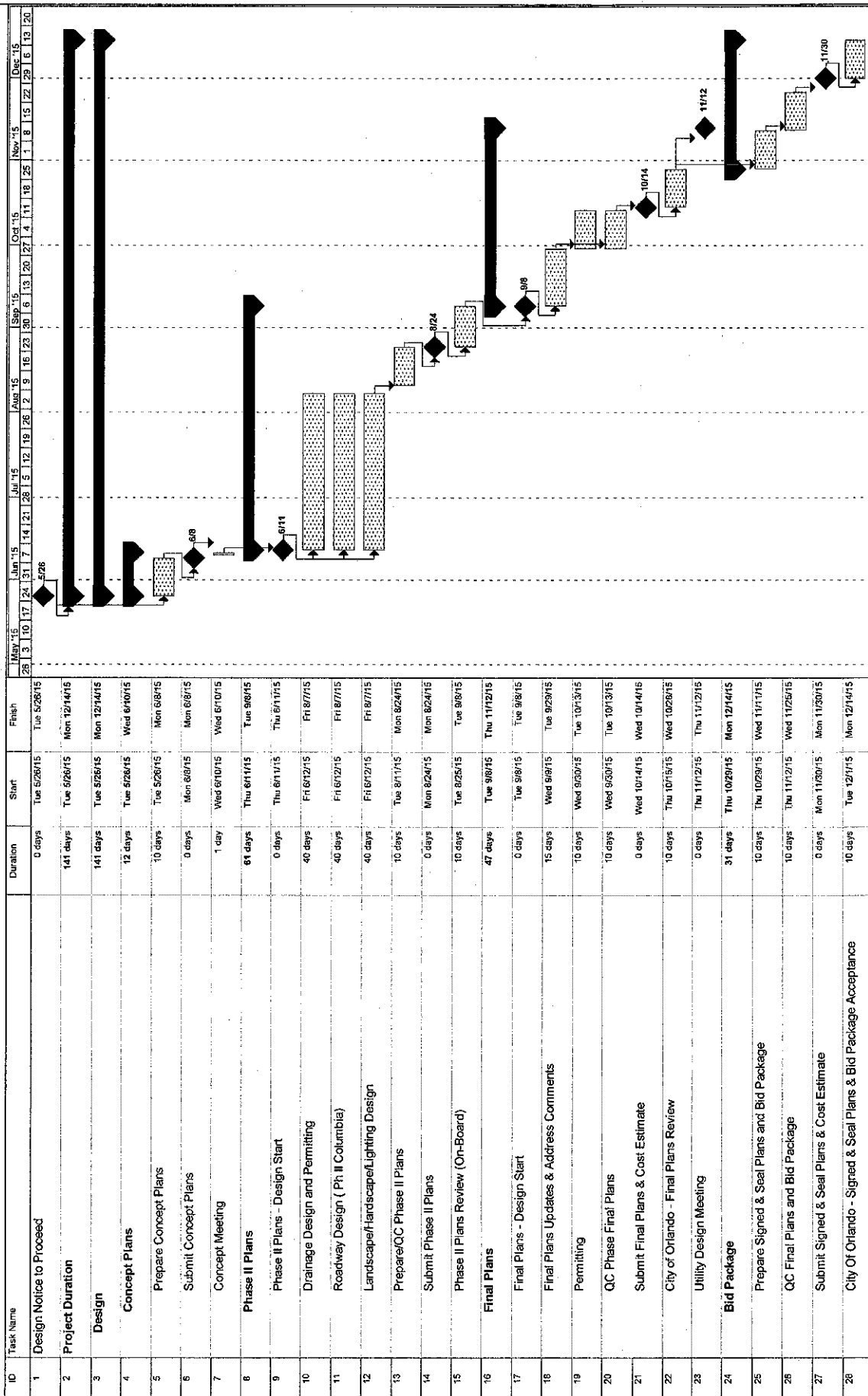
Master Summary

Consultant: OM Engineering Services, Inc.
 Date Prepared: April 28, 2015
 From: _____
 To: _____
 Length: _____

Job Description: Lighting Analysis and Plans

Work Element / Activity	Project Manager			Chief Engineer / Designer			Senior Engineer / Designer			Project Engineer			Engineering Intern			Environmental Scientist			Senior CAD Technician			CAD Technician			QA/QC			Clerical			Total Man Hours By Activity	Salary Cost By Activity					
	Man Hours	Hourly Rate		Man Hours	Hourly Rate		Man Hours	Hourly Rate		Man Hours	Hourly Rate		Man Hours	Hourly Rate		Man Hours	Hourly Rate		Man Hours	Hourly Rate		Man Hours	Hourly Rate		Man Hours	Hourly Rate											
Project General Task		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Roadway Analysis		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Roadway Plans		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Drainage Analysis		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Environmental Permits		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Signing & Marking Analysis		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Signing & Marking Plans		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Lighting Analysis		\$57.00			\$55.00			\$0.00			\$35.00			\$29.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Lighting Plans		\$57.00		5	\$55.00			\$0.00		10	\$35.00			\$29.00			\$0.00			\$0.00			\$0.00			\$0.00	15	\$625.00									
Post design lighting		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Engineering Analysis & Reports		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Environmental Analysis & Reports		\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Structures	0	\$57.00			\$0.00			\$0.00			\$28.00			\$0.00			\$29.00			\$0.00			\$0.00			\$20.00	0	\$0.00									
Miscellaneous Services		\$0.00			\$0.00			\$0.00		10	\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00	0	\$0.00									
Totals	0	\$0.00		5	\$0.00		0	\$0.00		10	\$0.00		0	\$0.00			\$0.00			\$0.00		0	\$0.00		0	\$0.00	15	\$25.00									
Total Burdened Salary Costs By Activity																												Total Contract Fee Computations								\$625.00	
Total Activity Salary Costs																												1.) Design Labor Multiplier									
																												a.) Combined Administrative & General Overhead & Fringe Benefits Cost								0.00%	

Columbia East Segment Project RQS13-0346



Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

Project: Columbia Street East

Date: Tue 4/21/15

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