

April 14, 2014

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

**Re: Sligh Blvd & 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 2,500 LF of existing water main along Sligh Blvd (from E Miller St to W Columbia St) and Columbia Street (from S Divison Ave to Sligh Blvd) 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. Visit the site to investigate the existing features along the proposed alignment.
2. 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.
3. Prepare a plan/profile and details for water main improvements that will be jack and bored under an existing CSX railroad crossing along Columbia Street. Plans will be prepared per FDOT specifications and requirements for CSX permitting.
4. Permitting with FDOT and CSX may be required at rail road crossing and is included in permitting phase of work.
5. Prepare any Technical Specifications for critical components of construction not covered in the plan details and specifications.
6. Review OUC specifications for conflicts with City of Orlando specifications, and prepare the Division 0 and Division 1 specifications to include OUC (i.e. Measurement and Payment, Bid Form, etc.)

7. 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.
8. Prepare the Engineer's Opinion of Cost at the 60% and 100% submittal.

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.
3. CSX Railroad (CSX) – Utility Construction Permit under railroad tracks.
4. Florida Department of Transportation Utility Permit – Utility Construction permit under railroad tracks.

C. Post Design Services

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

1. Attend up to one (1) pre-construction meeting with the Contractor, OUC and the City of Orlando.
2. Review up to ten (10) shop drawing submittals from the Contractor.
3. 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 40 hours)
4. Respond to Contractor's Request for Additional Information (RAI) and Change Orders.
5. Coordinate and submit record drawings prepared by Contractor's Professional Surveyor registered in the State of Florida to permitting agencies for approval.
6. Attend a pre-final and final field review with OUC and the City of Orlando and prepare punch list.
7. Prepare and submit construction certification packages for final acceptance.
8. 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. Locating any additional water services not provided by OUC drawings with Subsurface Utility Engineering (SUE) services can be provided at a daily allowance of \$2,500 / day for a total of two (2) days. Authorization by OUC and City of Orlando will be required prior to doing this work for any additional days..
7. 60% and 100% construction documents submittals will include the following plan sheets:
 - Cover Sheet
 - Key Sheet
 - Water Plan and Profile
 - Detail Sheets
8. 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.
9. Water Plan and Profile sheets will be drawn at 1"= 20' scale.
10. Civil engineering specifications and details will be included in the construction plans.
11. All water main construction is assumed to occur simultaneously with the roadway construction eliminating the need for additional Storm Water Pollution Prevention Plans.

12. All M.O.T. during construction is assumed to occur simultaneously with the roadway construction eliminating the need for additional M.O.T. plans.
13. The project will be constructed in one (1) phase.
14. Site Visits for construction administration are based on a budget of forty (40) hours. 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.
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	\$ 22,500
2. Permitting Services	Lump Sum	\$ 8,500
3. Post Design Services	Lump Sum	\$ 13,500
TOTAL LUMP SUM FEE		\$ 44,500 *

<u>Optional Task if Requested</u>	<u>Type</u>	<u>Budget</u>
1. Additional Subsurface Utility Locate Services	Lump Sum	\$ 5,000

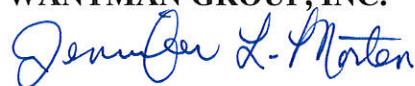
TOTAL FEE INCLUDING OPTIONAL SERVICES **\$ 49,500 ***

*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 Morton, RLA, LEED-AP
Land Development Manager
LA 0001666

WANTMAN GROUP, INC
FEE SCHEDULE
EFFECTIVE DATE – JANUARY 29, 2014

Hourly Rate

Principal Engineer	\$275.00
Expert Witness	\$350.00
Project Manager	\$175.00
Senior Professional Engineer	\$150.00
Professional Engineer	\$130.00
Field Engineer	\$125.00
Engineer Intern	\$100.00
CADD Technician	\$ 90.00
Environmental Scientist	\$130.00
Planner – Public Hearing Representation	\$250.00
Principal Planner	\$200.00
Planner	\$130.00
Assistant Planner	\$ 90.00
GIS Technician	\$ 90.00
Principal Surveyor	\$225.00
Senior Professional Surveyor	\$150.00
Professional Surveyor	\$130.00
Survey Intern	\$100.00
2 Man Field Crew	\$120.00
3 Man Field Crew	\$150.00
4 Man Field Crew	\$180.00
5 Man Field Crew	\$210.00
Utility Coordinator	\$120.00
Designating Crew	\$120.00
Vacuum Excavation Crew	\$200.00
Laser Scan Crew	\$250.00
Hydrographic/Bathymetric Crew	\$325.00
Administrative Assistant	\$ 70.00
Blueprints (per sq. ft.)	\$ 0.60
Full Color Plot (per sq. ft.)	\$ 15.00
Photo Mylars (each)	\$120.00
Mylars (per sq. ft.)	\$ 6.00
Copies, Black & White (each)	\$ 0.30
Copies, Color (each)	\$ 1.00
Other Expenses	Cost Plus 10%

Expenses: In addition to labor, WANTMAN bills for the following project related costs at a contractually agreed markup: printing; conference calling charges; document review, permit or recording fees paid on behalf of CLIENT; shipping; bid advertisement; specialty materials, software or equipment rental; sub-consultant fees; costs of project related employee travel including meals, lodging, airfare and miscellaneous travel costs such as tolls, parking, etc; mileage for all company-owned vehicles (trucks) will be charged at \$0.85/mile; employee owned vehicles used for transportation related to the Project will be charged at the prevailing federal mileage rate allowed by the IRS at the time the travel occurs.

WANTMAN also bills for the cost of internal reproduction and the use of specialized equipment related to subsurface utility vacuum excavation, mobile scanning (LIDAR), and hydrographic surveying.

Rates Are Valid Through December 31, 2014

Fee Schedule Accepted by:
