

**TASK ORDER NUMBER 30 TO AGREEMENT FOR PROFESSIONAL SERVICES
ON A CONTINUING BASIS**

THIS AGREEMENT is made as of the ___ day of _____ in the year 2008, between The CITY of Leesburg, a Florida Municipal Corporation, whose address is 501 West Meadow Street, Post Office Box 490630, Leesburg, Florida 34749-0630 (hereinafter referred to as the "CITY"), and Boyle Engineering Corporation, whose address is 1600 W. MAIN STREET, LEESBURG, FLORIDA 34748 (hereinafter referred to as the "PROFESSIONAL").

WITNESSETH:

WHEREAS, on **May 24, 2004** the CITY and the PROFESSIONAL previously entered into an Agreement for PROFESSIONAL Services on a Continuing Basis (hereinafter referred to as the "Agreement"). The Agreement is referenced herein as though set forth in full.

WHEREAS, the CITY and the PROFESSIONAL desire to enter into a Written Amendment for Task Order Number 30.

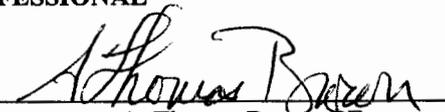
NOW THEREFORE, for and in consideration of the mutual covenants and promises contained in this Agreement, the CITY and the PROFESSIONAL do hereby agree as set forth below:

1. The above recitals are true and correct and are incorporated herein.
2. The Parties agree to the scope of work and budget pursuant to the terms and conditions set forth in Exhibits "A & B."

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the respective dates under each signature.

"PROFESSIONAL"

By: _____



A. Thomas Brown, PE
District Vice President

Date: _____

3/17/08

"CITY"

By: _____

Mayor/Commissioner

Attest: _____

Date: _____

EXHIBIT A

TASK AUTHORIZATION 30

SCOPE OF WORK

FOR

DESIGN OF A RECLAIMED WATER TRANSMISSION MAIN

TURNPIKE WASTEWATER TREATMENT FACILITY

A. GENERAL

Under separate authorization from the CITY the PROFESSIONAL is preparing treatment, storage and pumping upgrades at the Turnpike WTF in order to produce and distribute public access quality reclaimed water. These upgrades include a reclaimed water pump station. In conjunction with improvements at the Turnpike WTF, a new reclaimed water transmission main is required to be designed, permitted and constructed to convey the reclaimed water to the Arlington Ridge and Legacy developments, and adjoining areas. This new transmission main will be part of the future transmission piping grid expected to distribute reclaimed water throughout much of the CITY's Southwest Service Area.

The CITY has asked the PROFESSIONAL to provide this proposal to design the new reclaimed water transmission main, to prepare bidding documents and permit applications, and to provide bidding and construction phase services.

Through preliminary discussions with CITY staff the following proposed route for the new reclaimed water transmission main has been developed:

- Beginning on CITY property at the eastern end of an existing 20-inch diameter reclaimed water irrigation piping system, and extend east through CITY property to the western terminus of 4th Street in the community of Okahumpka.
- Continue east within the right-of-way (ROW) of 4th Street to CR 33, connecting to both ends of an existing 1,400 foot section of existing 24-inch dry line.
- Continue south within the ROW of CR 33 to Rogers Industrial Park Road.
- Continue east within the ROW of Rogers Industrial Parkway to Haywood Worm Farm Road.
- Continue south within the ROW of Haywood Worm Farm Road to a point of connection to an existing reclaimed water distribution main located within the Arlington Ridge development, within the ROW of White Plains Way.

In addition to a new 20-inch reclaimed water main, a new 10-inch force main will be designed and permitted as part of this project. The new force main will begin at an existing valve located near the intersection of 4th Street and South Quarters Road in Okahumpka, extend east along 4th Street to CR 33, and south within the ROW of CR 33 to the south side of Rogers Industrial Park Road. There the force

main will be capped for future use. It is intended that the force main be installed in the same trench as the reclaimed water main, except where technically infeasible due to utility conflicts, etc.

The roads identified above are Lake County roads, except for White Plains Way. It is assumed that Lake County will not allow a new reclaimed water transmission main to be installed via open-cut construction across an existing paved road. Therefore, this proposal is based upon designing the crossings of CR 33, Rogers Industrial Park Road and Haywood Worm Farm Road to be constructed via jack-and-bore or horizontal directional drill methodologies. Evaluation and selection of one of these two construction methodologies will be completed during Task 3 – Final Design.

Easements may be required at certain points along the route, depending upon the number and location of utility conflicts that are found and the width of the ROW's of 4th Street, CR 33, Rogers Industrial Park Road, Haywood Worm Farm Road, and White Plains Way. The PROFESSIONAL will identify required easements in the manner described in Task 2.1 of this proposal.

Survey and utility locate services are included in this proposal. Under subcontract to the PROFESSIONAL, American Surveying and Mapping, Inc., and Ground Hound Detection Services, Inc., will provide surveying and utility locate services, respectively. The PROFESSIONAL will coordinate the efforts these subconsultants.

This proposal is based on the assumption that approximately 5,800 linear feet of existing 20-inch diameter irrigation main located on CITY property can be used for both irrigation services and as a reclaimed water transmission main. If some or all of this existing piping cannot be converted to use as reclaimed water transmission main, then the scope of work for this project will be adjusted accordingly.

B. SCOPE OF WORK

The PROFESSIONAL will perform the scope of work described in the following paragraphs.

TASK GROUP 1 – PROJECT MANAGEMENT

1. Project Management: Includes general project documentation and control, coordinating the efforts of subconsultants, team coordination, prepare for and participate in one project kick-off meeting, and communications with CITY staff.

TASK GROUP 2 – PRELIMINARY DESIGN

- 2.1 Identify Easements Required along the Proposed Route: Prepare a brief letter report to the CITY describing the proposed route, public ROW's (based on Lake County Property Appraiser data) and easements required, including last known owners of the parent properties. The letter report will include available Lake County Property Appraiser data on each parcel identified. Existing easements for existing CITY utilities will be identified from CITY records, if possible, but a title search for each parcel will not be performed. Surveys of easements that may be required are not included in this proposal. Sketches will be prepared identifying the approximate boundaries of recommended easements.
- 2.2 Surveying and Utility Locate Services: Surveying and utility locate services are included in this scope of work, and will be provided by subconsultants to the PROFESSIONAL. See attached

proposals from American Surveying and Mapping, Inc., and Ground Hound Detection Services, Inc.

- 2.3 New Transmission Pipe Sizing: The diameter of the new transmission main will be based upon a simple hydraulic analysis of piping for the proposed route and the existing reclaimed water irrigation systems in the Legacy and Arlington Ridge developments. The results of this hydraulic analysis will be coordinated with the reclaimed water transmission pump design work the PROFESSIONAL is currently performing as part of the design of the reclaimed water transmission pump station at the Turnpike WTF. The hydraulic analysis will be based upon historical irrigation demands within the Legacy and Arlington Ridge developments, and upon historical data regarding the production of an existing irrigation well serving these two developments. No hydraulic modeling will be performed for a larger, potential regional reclaimed water transmission system that may exist in the future.

TASK GROUP 3 – FINAL DESIGN

PROFESSIONAL will prepare and submit construction drawings, specifications, and an Engineer's Opinion Of Probable Construction Cost at the 60% and final completion stages. PROFESSIONAL anticipates preparing up to seventeen (17) drawings for the reclaimed water transmission main including:

- 3.1 Five (5) general drawings including the Cover Sheet, General Notes and Index sheet, Drafting Legend sheet, General Abbreviations sheet, and Site Geometry/Key Plan sheet.
- 3.2 Three (3) double plan sheets at a scale of 1-inch equals 40-feet for the new reclaimed water transmission pipeline.
- 3.3 Up to five (5) special detail sheets showing enlarged plan and profile views required for crossings of CR 33, Rogers Industrial Park Road, and/or Haywood Worm Farm Road, showing pipeline construction in areas where resolution of utility conflicts cannot be adequately detailed in a plan view, and to show required easements.
- 3.4 Up to five (5) standard detail sheets presenting trenching, pavement repair and pipeline construction details, Maintenance of Traffic (MOT) details, and the Erosion Control plan.
- 3.5 Prepare 60% complete plans to include general drawings, double plan sheets, and standard detail sheets. This submittal may not include the three special detail sheets, or identification of fittings and valve.
- 3.6 Prepare 60% complete technical specifications, which will include an index of sections presented in a Table of Contents format.
- 3.7 Prepare Engineer's Opinion of Probable Construction Cost (OPCC) for 60% completion.
- 3.8 Perform an in-house 60% Quality Control Review.
- 3.9 Incorporate 60% Quality Control Review comments, and prepare and submit the 60% submittal package to the CITY for the CITY's review.

- 3.10 Attend a 60% review meeting with CITY staff to discuss CITY review comments.
- 3.11 Prepare and submit final, bid ready plans and specifications incorporating the CITY's 60% review comments, and final OPCC.

TASK GROUP 4 – PERMITTING

Permits are expected to be required from the Lake County Public Works Department for construction that will occur within the identified road ROW's. Preparation of pertinent Lake County ROW permit applications is included in this proposal.

The new reclaimed water transmission main is located within the CITY's identified service area. FDEP does not require a permit to construct this new reclaimed water transmission main. However, a groundwater monitoring plan will be required to be developed and implemented before the new reclaimed water system, which includes the reclaimed water transmission main, is placed into operation. The scope of work to develop and implement this groundwater monitoring plan is not included in this proposal, and will be included in a Task Order for design and permit improvements to the Turnpike WTF.

Part of the proposed route for the reclaimed water main extends through the CITY's south spray field irrigation site, which is a planted, irrigated pine forest surrounded by through a buffer zone. The PROFESSIONAL will walk the proposed route within the CITY's south spray field and look for evidence of wetlands or gopher tortoise habitation, and will submit a letter report to the CITY presenting the findings. This proposal includes fee for the field observation effort and preparation of the letter report, and is based upon an assumption that no wetlands or gopher tortoise habitats are found along the proposed pipeline route.

Construction of the force main will require a general permit for wastewater collection/transmission systems. This permit is issued by FDEP.

Should any agency other than the Lake County Public Works Department or FDEP require a permit for this project, or should additional permits be required in addition to those identified in this proposal, then preparation of these additional permit applications will be work beyond the scope of this proposal and the PROFESSIONAL will be entitled to additional compensation.

- 4.1 Lake County Public Works Department ROW Permits: Separate Lake County ROW permit applications will be required for construction of utilities within the four ROW's of 4th Street, CR 33, Rogers Industrial Park Road, and Haywood Worm Farm Road. The PROFESSIONAL will prepare and submit to the CITY these four permit applications. In compliance with County requirements, letters of notification are required to be sent to utilities identified within the work area and to property owners abutting the work area. The PROFESSIONAL will obtain a listing of known utilities from "Call Sunshine", and will determine pertinent property owners based on Lake County property records. This proposal is based on not more than eight utilities being located within the pertinent ROW's, and not more than 60 property owners abutting the work area. The PROFESSIONAL will prepare and mail the letters of notification as required by the County. This proposal includes provisions for answering up to two RAI's and attending up to two meetings with Lake County subsequent to submittal of the permit applications.

- 4.2 Limited Wetlands and Gopher Tortoise Survey: The PROFESSIONAL will conduct one field observation and look for evidence of wetlands or gopher tortoise habitation along that portion of the proposed new pipe route located within the CITY's south spray field irrigation site. The PROFESSIONAL will prepare and deliver to the CITY a letter report presenting the findings of the field observation.
- 4.3 General Permit for Wastewater Collection/Transmission Systems: The PROFESSIONAL will prepare an application for this FDEP permit. This proposal includes provisions for answering up to one (1) RAI. No meetings with FDEP are expected to be required regarding this force main.

TASK GROUP 5 – BID PHASE SERVICES

It is assumed the CITY will be responsible for advertising the project, distributing the bid documents and administering the bid process. The professional will provide the following bid-phase services:

- 5.1 Prepare for and attend one pre-bid meeting.
- 5.2 Review up to three (3) written requests for additional information (RAIs) from the Bidders.
- 5.3 Prepare one (1) addendum during the bidding of the project.
- 5.4 Attend the bid-opening.
- 5.5 Review contractor's bid submittals and assist the CITY in evaluating bids.
- 5.6 Prepare conformed plans and specifications within 10-days following receipt of executed front-end documents from CITY Purchasing.

TASK GROUP 6 – CONSTRUCTION PHASE SERVICES

It is assumed the CITY will be responsible for providing construction contract administration for the project, including all required daily construction inspection and review of all pay requests. The professional will provide the following bid-phase services

- 6.1 Pre-construction Meeting: PROFESSIONAL will attend and participate in one preconstruction meeting with CITY staff and the Contractor.
- 6.2 Shop Drawing Review: PROFESSIONAL will review shop drawings for conformance with the contract documents. PROFESSIONAL's fee is based on reviewing up to seven (7) shop drawings and up to two (2) resubmittals.
- 6.3 Contractor Requests for Additional Information (RFI): PROFESSIONAL will respond to Contractor's RFIs. PROFESSIONAL's proposed fee is based on responding to up to three (3) RFIs.
- 6.4 Monthly Construction Meetings: PROFESSIONAL will prepare for and participate in monthly construction meetings for the project when requested by the CITY. It is assumed that the

duration of the project will not exceed three months. PROFESSIONAL's fee is based on attending and participating in up to three (3) meetings.

- 6.5 Periodic Site Observations: It is assumed that the CITY will provide full-time construction observation. PROFESSIONAL will perform up to ten (10) site visits.
- 6.6 Reclaimed Water Main and Force Main Pressure Tests: It is assumed that pressure tests will be conducted on several sequential sections of the new reclaimed water main and force main, rather than conducting one pressure test on the entire length of each new main. It is also assumed that the sections of piping crossing of CR 33, Rogers Industrial Park Road and Haywood Worm Farm Road will be tested separately, as will the existing 24-inch dry line. In conjunction with CITY staff, PROFESSIONAL will witness up to ten (10) pressure tests and will prepare Leakage Calculations and a Letter Report on the results of each pressure test.
- 6.7 Substantial Completion: PROFESSIONAL will perform one substantial completion site visit of the project and prepare a punch-list of items to be performed by the Contractor.
- 6.8 Final Completion Site Visit: PROFESSIONAL will perform one final completion site visit to determine status of resolution of the punch-list items. A revised punch list will be prepared identifying any items still needing to be completed and any additional items noted during the visit.
- 6.9 Record Drawings: PROFESSIONAL will prepare record drawings based on the mark-ups provided by the Contractor. PROFESSIONAL will provide the CITY with one set of the reproducible record drawings and one electronic copy of the record drawings in AutoCAD 2006 format, stored on a CD. The record drawings will be prepared solely on the "as-built" drawings submitted by the Contractor to the CITY.

C. ASSUMPTIONS

Certain assumptions have been made in preparing this Proposal and are stated in the preceding text. The following additional assumptions have been made in preparing this Proposal.

- 1) Services will be provided in accordance with the Agreement as qualified herein.
- 2) Services will be provided from the PROFESSIONAL's office in Leesburg, Florida, and from other offices of the PROFESSIONAL as required.

D. DELIVERABLES

PROFESSIONAL will provide to CITY the following deliverables:

- 1) A Letter Report identifying easements required for construction.
- 2) Six (6) review copies of the construction drawings and specifications at the 60% completion stage.

- 3) Three (3) copies of the final, bid-ready plans (full-size or half-size format) and specifications, and the final OPCC. One additional copy of the final bid-ready plans and specifications will be provided electronically in pdf format.
- 4) Four (4) copies each of the Lake County permit applications, two for the City and two to be submitted to Lake County.
- 5) Three (3) copies of the limited wetlands and gopher tortoise survey.
- 6) Four (4) copies of the FDEP General Permit to Construct Wastewater Collection/Transmission Systems.
- 7) Eight (8) copies of the Conformed Plans and Specifications. This includes three (3) copies for the CITY and five (5) copies for the Contractor.
- 8) One (1) reproducible set of record drawings.
- 9) One (1) set of electronic record drawing files in AutoCAD 2006 format.
- 10) Two (2) copies each of the Pressure Test Leakage Letter Reports and the Punch List.

E. SERVICES PROVIDED BY THE CITY

This Task Authorization assumes that the CITY will assume all responsibilities as set forth in the Agreement and as stated in the preceding paragraphs. In addition, it has been assumed that the CITY will provide the following information and services to the PROFESSIONAL:

- Reclaimed water consumption data within the Legacy and Arlington Ridge developments. This information will be used to confirm the required diameter of the new reclaimed water transmission main.
- Acquisition of required easements or agreement with route selection approval and direction to proceed.
- Timely review of materials submitted by the PROFESSIONAL to the CITY for review.
- Submittal of all permit applications.
- Payment of all required permit application fees.
- Assistance with scheduling meetings with Lake County Public Works Department and affected property owners, if required.

F. SCHEDULE

The services described in this exhibit are anticipated to be completed in accordance with the following summary. Unless noted otherwise, all time durations listed below are in calendar days.

- Notice to Proceed will consist of issuance of a Purchase Order by the CITY.
- The Easement Letter Report will be submitted to the CITY within 14 days after Notice to Proceed
- The 60% plans, specifications and OPCC will be submitted to the CITY within 105 days after Notice to Proceed. This schedule includes and is predicated upon 45 days for completion and receipt of the transmission main route survey, and will be adjusted if the survey is not completed and delivered to the PROFESSIONAL within 45 days.
- The final, bid-ready plans and specifications, and the final OPCC, will be submitted to the CITY within 30 days after the 60% submittal review meeting. The Lake County and FDEP permit applications will be submitted with the final plans and specifications.
- The conformed plans and specifications will be submitted to CITY within 10 days following receipt of executed front-end documents from the CITY for the construction contract.
- The record drawings will be submitted to CITY within 30 days after final as-built drawings are received from the Contractor for each construction contract.

PROFESSIONAL will observe the time limitations contained herein. PROFESSIONAL shall not be responsible for delays, which occur as the result of action or inaction of others, such as delays in receiving information from others and in obtaining review comments from the CITY.

G. EXCLUSIONS

Services not included in this scope of work but that may be required will be provided by the CITY or authorized as an amendment. Specific services excluded from this Task Order:

- Architectural, or environmental/contamination assessment and remediation services.
- Geotechnical investigations or explorations
- Groundwater modeling
- Piezometer or other groundwater monitoring well installation

H. COMPENSATION

Compensation for this Scope of Work will be on a lump sum basis, in the amount of \$129,730 as shown in Exhibit B. The PROFESSIONAL will invoice the CITY on a monthly basis based upon PROFESSIONAL's percent complete, as determined by PROFESSIONAL at the time of billing.

J. ADDITIONAL PROVISIONS

- The services described herein will be provided in accordance with the current generally accepted standards of the engineering profession. Certain assumptions have been made in preparing this scope of services. To the extent possible, they are stated herein and are reflected in the budget

estimates included in this scope of services. Reasonable material changes between work tasks, or level of effort actually required and those budgeted, may serve as a basis for modifying this scope and budget, as mutually agreed to between the CITY and the PROFESSIONAL.

- The PROFESSIONAL is entitled to rely upon the accuracy of historical and existing data and information provided by the CITY and others without independent review and verification.
- The PROFESSIONAL is not responsible for the means, methods, sequences, techniques or procedures of the CITY and Contractor operations or for safety precautions and programs.
- Any Opinion of Probable Construction Cost prepared by the PROFESSIONAL represents its judgment as a design PROFESSIONAL and is supplied for the general guidance of the CITY. Since the PROFESSIONAL has no control over the cost of labor and material, or over competitive bidding or market conditions, the PROFESSIONAL does not guarantee the accuracy of such opinions as compared to contractor bids or actual costs to the CITY.
- Documents, drawings, and specifications, and electronic information/data, including computer aided drafting and design (“CADD”), prepared by the PROFESSIONAL pursuant to this agreement are not intended or represented to be suitable for reuse by the CITY or others on extensions of the Project or on any other project. Any use of completed documents for other projects and any use of incomplete documents without specific written authorization from the PROFESSIONAL will be at the CITY’s sole risk and without liability to the PROFESSIONAL. The CITY assumes full responsibility for such changes unless the CITY has given the PROFESSIONAL prior notice and has received from the PROFESSIONAL written consent for such changes. Electronic data delivered to the CITY is for the CITY’s convenience and shall not include the PROFESSIONAL stamp or signature of an engineer or architect. The CITY agrees that the PROFESSIONAL shall not be liable for claims, liabilities or losses arising out of, or connected with the decline of accuracy or readability of electronic data to inappropriate storage conditions or duration.
- The CITY will require that any construction contractor performing work in connection with the PROJECT hold harmless, indemnify and defend CITY, PROFESSIONAL, their consultants, and each of their directors, officers, agents and employees from any and all liabilities, claims, losses, damages and costs, including attorneys’ fees, arising out of or alleged to arise from the construction contractor’s performance of the work described in the construction contract documents, but not including liability that may be due to the sole negligence of CITY, PROFESSIONAL, their consultants, or their directors, officers, agents and employees.
- The CITY also will require that the construction contractor provide workers’ compensation and commercial general liability insurance, including completed operations and contractual liability, with the latter coverage sufficient to insure the construction contractor’s indemnity, as above required; and such insurance shall include CITY, PROFESSIONAL, their consultants, and each of their directors, officers, agents and employees as additional insureds. The insurance afforded to these additional insureds shall be primary insurance. If the additional insureds have other insurance which might be applicable to any loss, the amount of the insurance provided under this paragraph shall not be reduced or prorated by the existence of such other insurance.
- The CITY will provide a copy of the construction contract documents before they are executed in order that PROFESSIONAL may confirm that the above requirements have been met. CITY agrees

to forward to PROFESSIONAL a complete copy of the fully executed construction contract documents. The documents copied to PROFESSIONAL will include, but not be limited to, the executed agreement, bonds, insurance certificates and endorsements.

**Turnpike WWTF Reclaimed Water
Transmission Main**

**Project Budget
Exhibit B**

City of Leesburg

Task Description	Personnel Hours						Total Hours	Budget				Total
	Principal Engineer	Senior Engineer II	Senior Engineer I	Asst. Engineer II	Asst. Engineer I	CADD Operator II		Project Admin. II	Labor	Other Direct Costs	Subconsultants	
Task Group 1 - Project Management												
1.1 Project Management	20	20	-	4	4	4	68	\$ 7,916	\$ 396		\$ 396	\$ 8,312
Subtotal	20	20	-	4	4	4	68	\$ 7,916	\$ 396	-	\$ 396	\$ 8,312
Task Group 2 - Preliminary Design												
2.1 Identify Easements, prepare and deliver Letter Report		16		8	8	4	36	\$ 3,556	\$ 207		\$ 207	\$ 3,763
2.2 Surveying and Utility Locates, including coordination	1	4	4	8	24		41	\$ 3,416	\$ 199	\$ 25,800	\$ 25,999	\$ 29,415
2.3 Pipe Sizing	1	8		8	16		33	\$ 3,100	\$ 144		\$ 144	\$ 3,244
Subtotal	2	28	-	12	32	4	110	\$ 10,072	\$ 550	\$ 25,800	\$ 26,350	\$ 36,422
Task Group 3 - Design Phase Services												
3.1 Prepare General Drawings (5 Sheets)		1			16		17	\$ 1,319	\$ 74		\$ 74	\$ 1,393
3.2 Prepare Double Plan Sheets 1" = 40" (3 Sheets)	1	14		4	24	70	113	\$ 9,370	\$ 493		\$ 493	\$ 9,863
3.3 Prepare Special Detail Sheets for Road Crossing, Utility Conflicts (5)	10	14		8	16	110	158	\$ 13,670	\$ 689		\$ 689	\$ 14,359
3.4 Prepare Standard Detail Sheets (5 Sheets)		4		4	20		28	\$ 2,340	\$ 122		\$ 122	\$ 2,462
3.5 Prepare 60% Plans		1		4	8		13	\$ 1,047	\$ 57		\$ 57	\$ 1,104
3.6 Prepare 60% Technical Specifications	2	8		4	24		46	\$ 3,968	\$ 201		\$ 201	\$ 4,169
3.7 Prepare OPCC (60%)	1	4		8			15	\$ 1,462	\$ 65		\$ 65	\$ 1,527
3.8 Perform In-house QC Review	12	2		2	16	2	34	\$ 3,866	\$ 148		\$ 148	\$ 4,014
3.9 Incorporate QC Comments, Prepare and Submit 6 copies of 60% plans and specs to City	1	4		2	24		41	\$ 3,214	\$ 329		\$ 329	\$ 3,543
3.10 Participate in 60% Review Meeting	2	2					4	\$ 630	\$ 37		\$ 37	\$ 667
3.11 Incorporate Review Comments, Prepare and Submit three copies of Final Plans, Specifications and OPCC (incl. final QC Review)	8	8		4	20	8	56	\$ 5,328	\$ 494		\$ 494	\$ 5,822
Subtotal	37	62	-	38	76	284	525	\$ 46,214	\$ 2,709	-	\$ 2,709	\$ 48,923
Task Group 4 - Permitting												
4.1 Prepare Four copies each of four Lake County ROW Use Permit Applications (incl. notification letters to up to 10 utility and up to 60 property owners, 2 meetings with county staff and 2 RAIs)	1	8		20	40	16	93	\$ 7,452	\$ 605		\$ 605	\$ 8,057
4.2 Limited Wetlands and Gopher Tortoise Survey along proposed new pipe route within the south spray field	2		8			2	13	\$ 1,519	\$ 157		\$ 157	\$ 1,676
4.3 FDEP general permit for wastewater collection/transmission systems (for main)		1		8		4	14	\$ 1,122	\$ 111		\$ 111	\$ 1,233
Subtotal	3	9	8	28	40	22	120	\$ 10,093	\$ 873	-	\$ 873	\$ 10,966

Project Budget

City of Leesburg

**Turnpike WWTF Reclaimed Water
Transmission Main**

Exhibit B

Task Description	Personnel Hours						Total Hours	Budget				Total	
	Principal Engineer	Senior Engineer II	Senior Engineer I	Asst. Engineer II	Asst. Engineer I	CADD Operator II		Project Admin. II	Labor	Other Direct Costs	Subconsultants		Total Non-Labor
Task Group 5 - Bid Phase Services													
5.1 Prepare For and Attend One Pre-bid Meeting	1	3					2	6	\$ 687	\$ 76		\$ 76	\$ 763
5.2 Review RAIs	1	1	3	3	4	3	2	7	\$ 657	\$ 31		\$ 31	\$ 688
5.3 Prepare One Addendum	1	1	3	3	3	3	4	12	\$ 981	\$ 52		\$ 52	\$ 1,033
5.4 Attend Bid Opening	1	3	3	3	3	3	2	6	\$ 645	\$ 76		\$ 76	\$ 721
5.5 Review Bids and Assist in Evaluation	1	2	8	8	4	4	2	13	\$ 1,192	\$ 57		\$ 57	\$ 1,249
5.6 Prepare and deliver eight copies of the Conformed Plans and Specifications	2	2	4	4	8	4	4	18	\$ 1,366	\$ 278		\$ 278	\$ 1,644
Subtotal	4	12	-	17	4	11	14	62	\$ 5,528	\$ 570	-	\$ 570	\$ 6,098
Task Group 6 - Construction Phase Services													
6.1 Participate in One Pre-Construction Meeting	1	3					1	5	\$ 636	\$ 47		\$ 47	\$ 683
6.2 Shop Drawing Review (7 shop drawings and 2 resubmittals)	2	2	3	3	4	4	4	13	\$ 1,014	\$ 77		\$ 77	\$ 1,091
6.3 Contractor RFIs (3)	1	1	5	5	3	3	3	10	\$ 868	\$ 64		\$ 64	\$ 932
6.4 Monthly Construction Meetings (3)	1	3	15	15	3	3	3	22	\$ 1,938	\$ 171		\$ 171	\$ 2,109
6.5 Periodic Site Observations (10)	1	5	10	10	10	10	5	31	\$ 2,660	\$ 385		\$ 385	\$ 3,045
6.6 Witness Main Pressure Tests (10) and prepare and submit leakage test	2	2	23	22	5	5	5	54	\$ 4,375	\$ 435		\$ 435	\$ 4,810
6.7 Substantial Completion Site Visit and Punch List	1	4	8	8	2	2	2	15	\$ 1,462	\$ 90		\$ 90	\$ 1,552
6.8 Final Completion Site Visit	1	4	8	8	1	1	1	14	\$ 1,411	\$ 86		\$ 86	\$ 1,497
6.9 Record Drawing	1	1	4	4	4	4	32	38	\$ 2,874	\$ 416		\$ 416	\$ 3,290
Subtotal	8	25	-	76	36	32	25	202	\$ 17,238	\$ 1,771	-	\$ 1,771	\$ 19,009
Total	74	156	8	171	192	385	101	1,087	\$ 97,061	\$ 6,869	\$ 25,800	\$ 32,669	\$ 129,730

Amounts shown are fee.

Personnel Category	\$/HR
Principal Engineer	\$180.00
Senior Engineer II	\$135.00
Senior Engineer I	\$120.00
Asst. Engineer II	\$80.00
Asst. Engineer I	\$75.00
CADD Operator II	\$74.00
Project Admin. II	\$51.00