

City of Gainesville

*City Hall
200 East University Avenue
Gainesville, Florida 32601*



Meeting Agenda

August 17, 2016

3:00 PM

MODIFIED AGENDA

City Hall Auditorium

Utility Advisory Board

*Annie Orlando
Darin Cook
David Denslow
Robert Walpole
Mary Alford
Sandra Campbell
Michael Selvester*

Persons with disabilities who require assistance to participate in this meeting are requested to notify the Office of the Equal Opportunity at 334-5051 or call the TDD phone line at 334-2069 at least two business days in advance.

CALL TO ORDER**ROLL CALL****ADOPTION OF THE AGENDA****APPROVAL OF MINUTES**[160275.](#)**Utility Advisory Board July 20, 2016 Meeting Minutes (B)****RECOMMENDATION**

Approve the minutes of the July 20, 2016 meeting minutes as drafted.

[160275 UAB 7-20-16 Meeting Minutes 20160817](#)

PUBLIC COMMENT**STATE OF THE UTILITY**[160266.](#)**Operational Updates (B)**

Explanation: To keep the Board apprised of the state of the utility, GRU staff will provide monthly reports from each of the administrative and operational divisions.

RECOMMENDATION

Receive reports.

[160266 Operational Update - GRUCom 2016.08.17](#)

[160266 Operational Update - Cust Supp Svcs 2016.08.17](#)

[160266 Operational Update ED Elec-Gas 2016.08.17](#)

[160266 Operational Update - Energy Supply 2016.08.17](#)

[160266 Operational Update Ener Supply Attach A 2016.08.17](#)

[160266 Operational Update Ener Supply Attach B 2016.08.17](#)

[160266 Operational Update - Water-WW 2016.08.17](#)

UNFINISHED BUSINESS[160153.](#)**GRU FY17 Budget (NB)**

Explanation: On September 8, 2016, the City Commission will vote on whether to adopt the rates proposed for FY17.

RECOMMENDATION

Discuss the City Commission's upcoming vote on GRU's budget.

[160153 FY17 GRU Budget UAB 20160629 - Revision 4](#)

[160153 FY17 GRU Budget 20160714](#)

[160153 FY17 Budget Follow Up LEEP CWC 20160727 Rev.](#)

[160153 Proposed Annual Operating Budget FY17 Follow Up 20160727](#)

NEW BUSINESS

[160262.](#)

Purchase of MIMS Mobile Software (B)

Explanation: TC Technology, Inc. is replacing its existing software, GO! Sync®, currently used by GRU with their new product, MIMS Mobile. MIMS Mobile has enhanced capability that will allow a reduction in the number of applications with similar GIS functionality deployed throughout GRU. MIMS Mobile will also replace an obsolete GIS map viewer.

TC Technology, Inc. is a specified source for this software as it will uniquely allow GRU to deploy one GIS application to all desktop and mobile users as well as offer the capability to integrate with existing systems in the future, such as SAP or Cityworks. The software's open compatibility will allow a single mobile GIS platform to utilize across the organization with current and future internal and external systems.

MIMS Mobile will enhance GRU's GIS data accuracy and various daily inspection work flows while improving storm damage assessments. In addition, GRU will be able to communicate more effectively with customers and developers at the service location and have the ability to design the system while in the field, offering real time system condition information to GRU employees.

The not to exceed amount of \$230,000 is based on estimated one-time costs for implementation and integration of the software of \$110,000, and the five-year enterprise license agreement of \$24,000 per year.

Fiscal Note: Funds for this request are included in the Operations and Maintenance and Capital Budgets for FY2016/2017 and will be requested in subsequent year budgets.

RECOMMENDATION

The Board recommend that the City Commission:
1) authorize the General Manager, or his designee, to execute a five-year master service agreement and an enterprise license agreement for MIMS Mobile from Tadpole Cartesia, Inc. d/b/a TC Technology, Inc., a specified source, subject to approval of the City Attorney as to form and legality; and 2) approve the issuance of purchase order(s) for these services for each year of the

contract in an amount not to exceed \$230,000, subject to the final appropriation of funds for each year of the contract.

[160262 MIMSMobileUAB Pres. 2016.08.17](#)

[160265.](#)

Amendment to Contract with Asplundh Tree Expert Company for Electric Distribution Line Clearance (B)

Explanation: The utility's electric transmission and distribution systems require periodic line clearance, tree trimming, right-of-way maintenance, weed control and related services. Approximately 600 distribution system and 125 transmission system miles of line are maintained in accordance with American National Standards Institute's (ANSI) arboricultural standards. The line clearance and maintenance program has reduced customer tree related service interruptions. In addition, the North American Reliability Corporation (NERC) has established stringent line clearance maintenance standards that must be adhered to. The purpose of this contract is to enhance system reliability, heighten customer satisfaction, promote safety and comply with federal regulation in a cost effective manner while preserving the aesthetic qualities of the tree canopy.

In addition to routine maintenance, this contract provides the utility with access to emergency response resources as required in major system restoration efforts. Asplundh has the capability to supplement local crews with resources from regions throughout the country. The availability of such additional resources was critical to the utility's restoration efforts following the 2004 hurricane season.

On September 5, 2013, the City Commission approved a three-year contract to Asplundh Tree Expert Company (Asplundh) for electric distribution line clearance, tree trimming, right-of-way maintenance, weed control and related work. The contract provides for a three-year extension of the contract upon mutual agreement of the parties. This contract is subject to the Living Wage Ordinance and the wages paid to the Contractor's employees reflect the current rates established by the U.S. Department of Health and Human Services. Wages may be adjusted annually to maintain compliance with this ordinance. Any fiscal impact is reported to the City Commission on an annual basis. Asplundh has performed the work efficiently, works well with GRU crews, and is agreeable to a contract extension. The annual cost of this contract is approximately \$2,159,945 based on the average budgeted amounts for Fiscal Years 2017, 2018, and 2019.

Fiscal Note: Funds for this request are included in the Operations and Maintenance and Capital Budgets for FY2017, and will be requested in subsequent year budgets.

RECOMMENDATION

The Board recommend that the City Commission:

1) authorize the General Manager, or his

designee, to execute an amendment to the contract for an additional three-year term with Asplundh Tree Expert Company, subject to approval of the City Attorney as to form and legality; and 2) approve the issuance of purchase orders in amounts not-to-exceed budgeted amounts for these services for each year of the contract, subject to the final appropriation of funds for each year of the contract.

[160265 Asplundh Contract Renewal Pres 20160817](#)

[110541.](#)

Proposed FY2017 Water and Wastewater Infrastructure Improvement Area Fees (B)

Explanation: On December 15, 2011, the City Commission authorized the City Attorney to draft, and the Clerk of the Commission to advertise an ordinance designating infrastructure improvement areas (IIA) for water and wastewater, and adding capital recovery connection user fees for new and existing customers who construct new structures or construct new additions to existing structures within a designated IIA.

At its meeting on December 5, 2013, the City Commission heard a presentation from GRU staff on the proposed Innovation District IIA for constructing and funding water and wastewater system capacity improvements in the Innovation District area. At the meeting, it was explained that the costs for these improvements will be recovered through the Innovation District IIA user fees which will apply to new development and certain redevelopment within the designated Innovation District IIA.

Since that time, GRU staff worked with stakeholders and the City Attorney's Office to refine the approach to infrastructure improvement areas. Based on input from the stakeholders, GRU also designed and constructed infrastructure improvements in the Innovation District IIA. These improvements are currently benefitting customers in the area. The IIA user fees for the water and wastewater gravity collection systems are calculated and assessed based on the total heated and cooled building square footage, number of hotel rooms, number of motel rooms, or number of bedrooms of the new structure, and/or any addition to an existing structure.

The IIA fees are designed to be adjusted annually in order to ensure that the revenues collected from these fees will recover GRU's costs for water distribution and wastewater collection system capacity improvements constructed to serve development projects in the Innovation District IIA.

The ordinance was heard on second reading on April 7, 2016.

Fiscal Note: The recommended FY2017 rates are necessary to ensure that GRU's

expenditures for capacity improvements in the Innovation District IIA will be recovered over time.

RECOMMENDATION

The City Commission hear a brief staff presentation on the proposed FY2017 Innovation District Infrastructure Improvement Area (IIA) fees and direct the City Attorney to draft and the Clerk of the Commission to advertise an ordinance to adopt the recommended FY2017 fees effective October 2, 2016.

[110541A_Innovation Square District_20111215.pdf](#)

[110541B_GRU PPT_20111215.pdf](#)

[110541_Draft_Ordinance_20150604.pdf](#)

[110541_Proposed iDistrict ISIA Presentation 20150604](#)

[110541_Draft_Ordinance_20150820.pdf](#)

[110541_Proposed iDistrict IIA Presentation 20150820](#)

[110541 iDistrict IIA Presentation 1st Reading 20160317](#)

[110541_Draft_Ordinance_20160317](#)

[110541_Ordinance_20160407.pdf](#)

[110541 iDistrict IIA FY 2017 Fees UAB 20160817](#)

[110541 iDistrict IIA FY 2017 Fees CCom 20160818](#)

[160267.](#)

Murphree Water Treatment Plant Electrical Upgrade (B)

****This item is informational.****

Explanation: The Murphree Water Treatment Plant (WTP) is the sole source of drinking water for 189,000 people on a daily basis. The treatment equipment used to produce drinking water is primarily powered by electricity. The electrical equipment for the most critical water treatment equipment was installed with the original plant in 1975. The equipment has reached the end of its functional life and spare parts are not readily available for this equipment. Several electrical components have recently failed resulting in time intensive and expensive repairs. GRU must replace and upgrade the power system components to ensure reliable and safe drinking water service to its customers. In March 2015, the City Commission authorized GRU to negotiate an engineering services contract with CH2MHill Engineers, Inc. CH2MHill was selected to complete the engineering services for this project in accordance with the Consultants' Competitive Negotiation Act. The design of the electrical system upgrade is approaching completion; therefore staff is presenting the process for evaluating and selecting a contractor to construct the new electrical facilities and equipment.

The project will address reliability of the Murphree WTP. The scope will

include replacement of large electrical equipment and conductors that are original to the Murphree WTP. There are two major factors that provide complication to this project; Operational Sequencing and site soil conditions.

Operational Sequencing is one of the most critical keys to this project's success. The plant is split into two components, the treatment process and the high service/distribution pumping facilities. The treatment processes cannot be shut down for more than 6-8 hours without the risk of shutting down the pumping systems that supply water to all of GRU's customers. Each of the 180 + pieces of process equipment that is powered from the existing motor control centers will be taken off-line one-by-one and moved to the new motor control center equipment. It is critical that each piece of equipment be tested for several days for reliability before another complimentary piece of process equipment is removed from service. This creates an intensive and highly sensitive scheduling consideration in the construction phase. This undertaking is comparable to completely rewiring every light fixture, outlet, and switch in a residential home while occupied.

The site soil conditions are the second complicating factor in the electrical upgrade project. The Murphree WTP was built in a swampy area with high groundwater tables. Although the elevation of the plant is higher than most places in Gainesville, the site soil conditions are not conducive to excavation. This project includes construction of a 3,500 sq ft electrical building and a significant amount of new concrete duct bank (a grouping of electrical conduits or pipes) that must be excavated through poor soil conditions.

In summary, this project is an extensive undertaking which will impact every part of the treatment and pumping processes at the Murphree WTP. The risk during the project includes interruptions to customers' drinking water supply; impacting daily life for 189,000 people. The concern for public safety is paramount and the cost of a plant failure could be exorbitant. Therefore, this project will require a skilled general contractor and electrical contractor that will work seamlessly as a team with GRU's plant and engineering staff. The contractor must understand the water treatment plant environment and the risks their work poses to all GRU customers. It will also be important for the contractor to be aware of the site conditions and plan accordingly to safely and efficiently accomplish the work. In order to assure we have the best team possible to approach this project, staff will evaluate the bids based on criteria other than price, including experience and safety. In accordance with City policies, a 5% preference will be given to small and service disabled veteran businesses and a 5% preference will be given to local businesses as required by the Local Preference Ordinance.

The anticipated schedule for issuing the Invitation to Bid and completing construction is as follows:

September 2016 - Issue ITB

November 2016 - Receive and Evaluate proposals

January 2017 - UAB and CC Approval to award construction contract
February 2017 - Begin Construction on electrical system upgrade
Spring 2019 - Complete construction of the electrical system upgrade

Fiscal Note: The engineer's cost estimate at the 90% design deliverable is 10-12 million dollars for this project. The project construction has been planned in the water system capital budget to be spread over 3 years; FY17, FY18, and FY19. The FY17 capital budget includes 4.7 million dollars in anticipation of the project moving forward. The new electrical system upgrade will relieve the upward pressure on the Operation and Maintenance budget for the Murphree Water Treatment Plant by providing new equipment that is more reliable and requires less maintenance.

RECOMMENDATION

Hear a presentation from staff.

[160267 CH2M Elec Eval Facilities Asmt 2016.08.17](#)

[160267 Murphree Water Plant Elec Upgrade Pres 20160817](#)

[160268.](#)

Gainesville Regional Utilities Unaudited Internally Prepared Financial Statements for the Period Ended June 30, 2016 (B)

****This item is informational.****

Explanation: The following item is presented for review: Unaudited Internally Prepared Financial Statements for the Period Ended June 30, 2016, including management's discussion and analysis.

RECOMMENDATION

Hear an update from staff.

[160268 Qtly Unaudited Interim Fin Sta. PE 2016.30.June 2016.08.17](#)

[160269.](#)

Gainesville Regional Utilities Internally Prepared Budget to Actuals and Supplementary Data for the Period Ended June 30, 2016 (B)

****This item is informational.****

Explanation: The following item is presented for review: Budget to Actuals and Supplementary Data for the period ended June 30, 2016, internally prepared.

Fiscal Note: Internally prepared Budget to Actuals and Supplementary Data.

RECOMMENDATION

Hear an update from staff.

[160269 Third Quarter 2016 Supplementary Data 2016.08.17](#)

[160269 GRU Budget to Actuals PE 2016.30.June 2016.08.17](#)

[160269 Budget Discussion Analysis 2016.June 2016.08.17](#)

MEMBER COMMENT

[160085.](#)

UAB Vision Statement, Discussion Topics and Commission Referrals (B)

Explanation: At the July 20, 2016 meeting, Chair Cook asked the board members to send their two top priorities and he would consider which topics to put on the agenda.

RECOMMENDATION

Due to a full agenda of items that staff has to present at the September 1st City Commission meeting, Chair Cook recommends that a special meeting be called to address some of the items on the City Commission referral list and/or the Board's suggested topics.

[Item 160085 - Submitted by Annie Orlando 6.15.16](#)

[Item 160085 - Submitted by Sandy Campbell 6.15.16_001](#)

[160085 UAB Topics List 2016.08.17](#)

[160085 UAB CCom Referral List 2016.08.17](#)

CITIZEN COMMENT

NEXT MEETING DATE

September 14, 2016

ADJOURNMENT