

CLAYTON COUNTY WATER AUTHORITY

1600 Battle Creek Road
Morrow, Georgia 30260

Regular Board Meeting, July 12, 2007

Chairman, Pete McQueen, called the meeting to order at 1:30 p.m.

Present at the meeting were: Chairman, Pete McQueen, Vice Chairman, Lloyd Joiner, Secretary/Treasurer, Marie Barber, Board Members, John Westervelt, John Chafin and Doug Bonner. General Manager, P. Michael Thomas, Deputy Manager, Mike Bennett, Department Managers, Guy Pihera, Herbert Etheridge, Teresa Adams, and Jim Poff, Project Engineer, Mike Buffington, Finance Director, Emory McHugh, MIS Director, Rodney Crowell, Customer Accounts Director, Brian Robinson, Risk Manager, Karen Riser, Human Resources Director, Ed Durham, Stormwater Program Manager, Kevin Osbey, Public Information Officer, Suzanne Brown, and Executive Secretary, Janet Matthews. Also present were: Steve Fincher of Fincher, Denmark & Williams, Steve Lavinder and Jay Kirk from CH2M Hill and the following employees: Chris Sims, Renee Dumas, Angie Bennett, Daniel Salmons, Lesley Rathburn, Lance Kelly, Delbert Williams, Larry Evans, Patrick Washington, Cornell Sims, Danny Haynes, Connie Bowen, Amanda LaPierre, Bonnie Fausel, Mandy Lindow, Terry Hicks, LEEANNE SUMNER, Sarah Beth Shelton and summer interns, Jarrod Allen and Raven Hardy. Board member, Wes Greene, was not present.

Chairman McQueen called on Mike Thomas, General Manager, to introduce our summer interns.

Mr. Thomas stated that this year the Authority is continuing the summer intern program with two interns who started on June 4th. Mr. Thomas introduced Raven Hardy, who is working in the Customer Service Department. Raven has filled in at the receptionist desk, has been filing and scanning, and doing a variety of other tasks that need to be done and she is doing an excellent job. Raven is a rising senior at Morrow High School.

Mr. Thomas next introduced Jarrod Allen, who is giving our invocation today. Jarrod is working in the Engineering Department. He was born in Atlanta and raised in the Union City area. His family moved to Clayton County in 2000, where he attended Landmark Christian School and is a rising senior at Lovejoy High School. He attends Atlanta City Church and enjoys school, soccer, cross country running and is involved in 4H and Kappa league.

Chairman McQueen asked Jarrod to come forward to give the invocation.

Regular Board Meeting
July 12, 2007
Page Two

Chairman McQueen wanted to acknowledge a “thank you” sent from our CCWA Retirees who meet quarterly.

Approval of Minutes: Chairman McQueen called for any omissions or additions to the Regular and Executive Session Board Meeting minutes of Thursday, June 7, 2007. Hearing none, the minutes were approved as presented.

Financial and Statistical Report: Chairman McQueen called on Emory McHugh, Finance Director, to give our financial report. Mr. McHugh reviewed the Unaudited Basic Financial Statements that were given to the Board for the fiscal year ending April 30, 2007.

Employee Recognition: Chairman McQueen called on Jim Poff, Manager of Water Reclamation, who introduced Daniel Salmons, who started with the Authority in March of 2000 as a Meter Reader. In September 2001, Daniel moved to the maintenance side of Natural Treatment Systems (NTS). Back in 2003, Daniel became a volunteer operator at the Northeast Plant where he gained his operations experience. Today, we are recognizing Danny for passing his Class II, Wastewater Operator exam.

Chairman McQueen called on Guy Pihera, Manager of Water Production, who introduced Lesley Rathburn, who is a lab analyst in our Water Quality section. Lesley started with the Authority in January of this year, coming from Fayette County where she was a lab analyst in Wastewater. She is also a Class III Wastewater certified operator. Lesley has just taken her Laboratory Analyst test and she not only passed, but she had a ninety-two (92) on her test. Mr. Pihera welcomed Lesley and congratulated her on doing a great job in passing this test.

Lesley commented that she actually came to Georgia from Arizona in 1998, but she knew about Clayton County Water Authority when she was in Arizona. The Authority was well known in the industry for our processes in composting and some other progressive things that the Authority was doing.

Chairman McQueen called on Herbert Etheridge, Manager of Maintenance & Construction, who wanted to introduce several employees who have passed their state Wastewater Collection exam in the last month. Mr. Etheridge introduced Cornell Sims, a new crew leader for one of our sewer line TV crews; Patrick Washington, an equipment operator installing water lines; Larry Evans, a crew leader in our Wastewater section, who does sewer line repairs; and Lance Kelly, a crew leader in our meter testing section. Delbert Williams, who has been a crew leader and is now a troubleshooter in the Water Maintenance section, passed his Water Distribution exam.

Regular Board Meeting
July 12, 2007
Page Three

Mr. Thomas wanted to let the Board know that a lady called to compliment our employees who had helped an elderly lady who had broken down on the side of the road. About a week ago, Delbert and Chris Camp stopped to help the lady and made sure that she had her car off the road. There was also a police chase and they helped the police find the people. So, our employees are not only out there fixing water lines, but they are also taking care of our customers. The Board gave Delbert a round of applause.

Employee Service Recognition: Mr. Etheridge asked Danny Haynes to come forward to be recognized for his twenty-five (25) years of service. Danny started with the City of Forest Park when he was fifteen (15), as part time summer help, keeping the grass cut around the water tanks. He stayed there through high school as a part time employee and was made full time after high school. The Authority took over the Forest Park system in 1994. Danny is a General Foreman over our Wastewater section and also handles special projects. Mr. Etheridge congratulated Danny on his twenty-five years of dedicated service.

Chairman McQueen called on Renee' Dumas to recognize Angie Bennett for her twenty years (20) of service. Angie started at the Authority in 1987 as a part time employee in the warehouse. In July of 1987, Angie applied for a Bookkeeper position and worked in that capacity for sixteen years and ten months. She was promoted to Lead Accountant in 2004. With a change in financial officers, Emory McHugh had the foresight to restructure the department and promoted Angie to Accounting Supervisor in 2005. Ms. Dumas gave some background information on Angie's work ethic and also complimented her entire staff for the excellent work they do.

Chairman McQueen thanked the entire Accounting staff for their extra efforts in dealing with the many changes that have occurred in the last couple of years and congratulated both Danny and Angie for their years of service.

Summary of Casey-Flint River Sewer Line Repairs: Chairman McQueen called on Herbert Etheridge who stated that this is an informational update only on the 24"/21" Sewermain Rehabilitation project.

In the late 1950's, a 24" sewer main was constructed, beginning at the Casey Plant northward along the Flint River. At Jesters Creek (Tara Mobile Home Park), this line reduced in size to 21". This main is predominately pre-stressed concrete pipe; however, standard practice at the time was to install corrugated metal pipe at creek crossings.

This thin metal pipe has deteriorated to the point that we are taking on excess infiltration, as well as sand and silt. We have rehabilitated the 17 sections of this main to correct

Regular Board Meeting
 July 12, 2007
 Page Four

these problems. Of the 17 sections, it was most cost effective to install a liner in 13 sections of the existing pipe, which essentially creates a new line. On the remaining 4 sections, it was most cost effective to open cut, and replace the metal piping. The entire length of these 17 sections was also cleaned and televised.

The estimated, Board approved amount, to complete this rehabilitation project was \$218,255.50. The final cost of this project was \$207,177.50 (\$11,078.00 below estimate).

58,000 lb. Tandem Axle Cab & Chassis Bid Recommendation: Chairman McQueen called on Kevin Osbey, Stormwater Program Manager, who stated that this 58,000 lb. Tandem Axle Cab & Chassis would be used for the Stormwater Utility.

Clayton County Water Authority
 58,000 Lb. Tandem Axle Cab & Chassis
 July 2007

Vendor	Bid (each)	Make/Model
Atlanta Freightliner Truck Sales & Service Attn: Al Seiler 5884 Frontage Rd. Forest Park, GA. 30297	\$66,950.00	2007 Freightliner M2106
Carl Black GMC Attn: Jack Eastland 1240 Autopark Dr Kennesaw, GA 30144	\$67,579.00	2008 GMC TC8C064
Middle Georgia Freightliner Attn: Wes Hearn 6391 Hawkinsville Rd. Macon, GA. 31206	\$67,799.00	2008 Freightliner M2106
Peach State Truck Centers Attn: Ernie Mitchell 6535 Crescent Drive Norcross, GA 30091	\$68,771.00	2007 Sterling LT7501
Nalley Motor Trucks Attn: Joseph A. Kemp 2560 Moreland Avenue Atlanta, GA. 30315	\$69,136.00	2008 International 7400
Volvo & GMC Truck Center Attn: Bruce Stadler 3880 Jeff Adams Dr Charlotte, NC 28206	\$71,424.50	2008 GMC TC8C064

Regular Board Meeting
 July 12, 2007
 Page Five

Allan Vigil Ford Attn: Bob Burtner 6790 Mt Zion Blvd Morrow, GA 30260	No Bid	
Bill Heard Chevrolet/International Attn: George Matthews 6301 Veterans Parkway P.O. Box 8888 Columbus, GA 31908	No Bid	
LJL Truck Center Attn: Michael W. Elliot 2855 Broadway Macon, GA. 31206	No Bid	

Staff recommends purchasing one 2007 Freightliner M2106 Tandem Axle Cab and Chassis from the low bidder, Atlanta Freightliner, in the amount of \$66,950.00. This unit is funded by the FY2007 Stormwater Utility.

This Tandem Axle Cab and Chassis will be used in combination with a fitted dump body to haul the soil, silt and debris as it is excavated, with our recently purchased Gradall hydraulic excavator, from the drainage ditches, open channel and accessible stream beds. This truck will allow this crew to remain out on the job site and minimize trips to dump debris. The dump body for this truck is the next item on the agenda. The combined cost of the cab and chassis plus the dump body totals \$81,642.00.

UPON Motion by Marie Barber and seconded by John Westervelt it was unanimously

RESOLVED: to approve the purchase of one (1) 2007 Freightliner M2106 Tandem Axle Cab and Chassis from the low bidder, Atlanta Freightliner, in the amount of sixty-six thousand nine hundred fifty dollars (\$66,950.00).

Dump Body Bid Recommendation: Mr. Osbey stated that staff recommends purchasing one (1) Dump Body for the 58,000 lb. Tandem truck.

Regular Board Meeting
 July 12, 2007
 Page Six

Clayton County Water Authority
 16.5' Long – 13/16 Cubic Yard Dump Body
 July 2007

Vendor	Bid (each)	Make/Model
Interstate Truck Equipment P.O. Box 87457 College Park, GA. 30337	\$14,692.00	RS Godwin G Series
TBEI/OX Bodies, Inc 719 Columbus Street East P.O. Box 886 Fayette, AL 35555	\$15,755.00	Maverick 16.5' – 13/16 Yard
TBEI, Inc. Attn: Dennis Shaw 500 Lee Industrial Blvd. SE Austell, GA. 30168	No Bid	
Warren Truck Equipment 300 Planters Drive Columbia, SC 29209	No Bid	
Park Built Truck Equipment 2661 US 82 West Sylvester, GA. 31791	No Bid	
Superior Truck and Equipment 66 Arcado Road Lilburn, GA 30047	No Bid	
Ranews Truck Equipment 1308 Highway 41 North Milner, GA 30257	No Bid	
Fontaine Truck Equipment P.O. Box 278 Forest Park, GA 30298-0278	No Bid	
Fontaine Truck Equipment 5178 Old Dixie Highway Forest Park, GA 30297	No Bid	
Smyrna Truck Equipment 2158 Atlanta Road SE Smyrna, GA 30080	No Bid	
LJL Truck Center Attn: Michael W. Elliot 2855 Broadway Macon, GA. 31206	No Bid	

Recommendation: Staff recommends purchasing one RS Godwin G Series dump body from the low bidder, Interstate Truck Equipment, in the amount of \$14,692.00. This unit will be funded by the FY 2007 Stormwater Utility

Regular Board Meeting
 July 12, 2007
 Page Seven

This dump body will be used in combination with a tandem cab and chassis to haul the soil, silt and debris as it is excavated, with our recently purchased Gradall hydraulic excavator, from the drainage ditches, open channel, and accessible stream beds. This truck will allow this crew to remain out on the job site and minimize trips to dump debris.

The tandem axle cab and chassis was the previous item on the agenda. The combined cost of the cab and chassis plus the dump body totals \$81,642.00.

UPON Motion by John Chafin and seconded by Lloyd Joiner it was unanimously

RESOLVED: to approve the purchase of one (1) RS Godwin G Series dump body from the low bidder, Interstate Truck Equipment, in the amount of fourteen thousand six hundred ninety-two dollars (\$14,692.00).

CIS Implementation Summary: Chairman McQueen called on Karen Riser, Risk Manager, to update the Board on the CIS Implementation.

This project included replacement of the existing Customer Information System software that was originally developed in 1987. The modules that were replaced included utility billing, meter reading, customer service, service orders, collections, and the financial system interfaces. CCWA went live on the new software on March 5th, adding such functionality as an Executive Information System, GIS interface, eDocs, and mCare. On May 1st, we added the Stormwater billings. At this point, we have expended a little over \$1.5 million of our budget and still have the eCare and IVR modules to bring live over the next several months.

Project Summary:
 Budget Amount – \$1,707,915.00
 Current Expended Amount – \$1,543,741.87

Funding:
 R&E Funds

Services During Construction Update-2006 Task Order Summary: Chairman McQueen called on Mike Buffington, Program Management Engineer, who stated that this was an informational summary of our 2006 Services during Construction Task Order. Task Order RE-06-01 includes program management and services during construction provided by CH2M Hill during Fiscal Year 2006 (May 1, 2006 through April 30, 2007). These services include general program management, and construction management and inspection for Northeast WRF Expansion and Upgrade, Huie Phase 2 Constructed Wetlands, and miscellaneous Tank Painting projects.

Services provided include construction management and administration; document management; site coordination; preparation of as-built documents; project controls; field

Regular Board Meeting
 July 12, 2007
 Page Eight

inspection; shop drawing and samples review and approval; monthly pay request approval; design clarifications; and closeout of the completed construction projects.

Project Managers:
 CH2M Hill, Engineers – Dave Goddeyne, Construction Manager
 Clayton County Water Authority – Mike Buffington

Task Order Summary:
 Original Task Order Amount – \$1,958,000.00 (not to exceed amount)
 Final Task Order Amount – \$1,704,104.76
 Amount under Budget - \$253,895.24

Funding:
 R&E Funds

Mr. Buffington added that staff continues to apply for sales tax refunds as we complete a project.

CH2M Hill Task Order – Hicks WPP Generator Relocation Design: Mr. Buffington stated that this task order is for the relocation of an emergency standby generator from the Northeast Water Reclamation Facility to the Hicks Water Production Plant. This task order includes services provided by CH2M Hill to develop construction plans for the relocation of a CCWA owned emergency standby generator from the Northeast WRF to the Hicks WPP. The Northeast generator is being replaced by new larger generators under the current contract for expansion and upgrade of the Northeast WRF. The task order will also include generator sizing for the Blalock raw water pump station that provides raw water to the Hicks plant.

The design documents will include drawings required to install and connect the existing generator at the Hicks plant and will consist of approximately six drawings. Specifications will be included on the drawings and no separate technical specifications or other documents will be required. CCWA will take proposals for construction of the project, prepare the contract and provide services during construction.

Project Managers:
 CH2M Hill, Engineers – Kirsten Horton
 Clayton County Water Authority – Mike Buffington

Task Order Amount:
 \$ 25,900 (not to exceed amount)

Funding:
 FY 2007 Operating Budget

Regular Board Meeting
 July 12, 2007
 Page Nine

TASK ORDER OP-07-03

This Task Order is an attachment to the Master Services Agreement between CH2M HILL, INC., (“ENGINEER”) and CLAYTON COUNTY WATER AUTHORITY (“OWNER”) for a PROJECT generally described as Hicks Water Production Plant (WPP) Generator Relocation Design.

Background

The purpose of this Task Order is to provide technical services for the relocation of a generator to the Hicks WPP. The OWNER has requested that ENGINEER develop a package of drawings that will be used to help provide a detailed design of the installation of the OWNER-furnished generator.

This project will involve the development of design drawings, calculations, and a short summary memorandum. Specific Tasks are described below.

ARTICLE 1- SCOPE OF SERVICES

The scope of services includes:

Task 1- Hicks WPP Generator Relocation Design

Task 2- Generator Sizing for the Blalock Raw Water Pump Station

Task 1- Hicks WPP Generator Relocation Design

ENGINEER will develop design drawings for the installation of an OWNER-furnished generator at the Hicks WPP. Proposed drawings to be developed under Task 1 are summarized in Table 1:

TABLE 1
 Drawing summary for Task 1
Task Order OP-07-03

Sheet Quantity	Description
1	Legend Sheet
1	Civil / Electrical / Generator Plan Sheet (at 1:30 scale)
1	Structural Civil Plan / Profile Sheet
2	Detail Sheets
1	One-Line Diagram Sheet
6	Total Sheets

The installation of the OWNER-equipped generator will require a new concrete foundation, structural platform, and electrical conductors. Civil re-grading of the area surrounding the proposed location of the generator and concrete pad may be required. The development of a separate volume of specifications is not included in Task 1 at the request of the OWNER. Instead, notes shall be placed on the drawings to provide

Regular Board Meeting
July 12, 2007
Page Ten

additional information for installation. The drawings provided in Table 1 will be provided to OWNER in PDF format and will not be bound.

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 1:

No Specifications required. This includes Division 0 front ends and Division 1 Administrative Sections.

No survey is required. Design will be based on existing grade information at the Hicks WPP, provided by OWNER.

- Support for Services during construction (submittal reviews, responses to Requests for information [RFIs], start-up assistance, etc.) are not required as part of this task order
- Bid Phase services are not included
- No DEMO Drawings of existing site will be provided
- No Cover Sheet or Drawing Index will be needed
- No permitting documentation will be required
- Drawing sheet count will be limited to the total number of sheets listed in Table 1
- OWNER will review and provide comments within 10 days after receipt of each deliverable
- Existing Record Drawings for the Hicks WPP will be readily available from OWNER upon request of ENGINEER

Deliverables

ENGINEER will provide OWNER with the following deliverables:

- Electronic PDFs of Drawings in 11 x 17 format at 65% completion for review, sent via email (with comments returned from OWNER via email)
- Electronic PDFs of Drawings in 11 x 17 format at 90% completion for review, sent via email (with follow-up review meeting to go over OWNER comments)
- 5 Hard Copies of Drawings of final drawings in 11 x 17 format, Electronic PDFs sent via email

Task 2- Generator Sizing for the Blalock Raw Water Pump Station

Under Task 2, the ENGINEER will collect electrical load information at the existing Blalock Raw Water Pump Station and operational data to help calculate generator size

Regular Board Meeting
 July 12, 2007
 Page Eleven

requirements for a future construction capital project. A generator sizing program will be used to calculate generator size.

ENGINEER will summarize generator size recommendations and assumptions used in a memorandum and will develop a budget level construction cost estimate.

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 2:

- Electrical Load information readily available by OWNER
- No formal design drawings required
- OWNER will review and provide comments within 10 days after receipt of each deliverable

Deliverables

ENGINEER will provide OWNER with the following deliverables:

- Electronic copy of the draft summary memorandum for OWNER review sent via email (with comments to be returned by OWNER via email)
- 5 Hard copies of the final summary memorandum, electronic PDF of final memorandum sent via email

ARTICLE 2- COMPENSATION

Compensation for the Scope of Services outlined in Article 1 shall be in accordance with the terms specified under the Master Services Agreement. Compensation shall be on a time and materials basis (per diem) with a not-to-exceed amount of \$25,900.00.

ARTICLE 3- SCHEDULE

This Task Order is based upon the PROJECT schedule as shown in Table 2.

TABLE 2
 Project schedule
 Task Order OP-07-03

Task	Start Date	Duration
Task 1- Hicks WPP Generator Design	10 days after OWNER issues NTP	45 calendar days
Task 2- Generator Sizing Summary-Blalock Raw Water Pump Station	10 days after OWNER issues NTP	45 calendar days

NTP = Notice to Proceed

Regular Board Meeting
July 12, 2007
Page Twelve

ARTICLE 4- INSURANCE

The insurance coverage required for this Task Order is shown in Exhibit A, "Insurance Requirements", which is attached hereto and made part of this Agreement.

This Task Order will become part of the referenced AGREEMENT on the effective date which is the latest date when this Task Order has been signed, as shown below.

IN WITNESS WHEREOF, the parties execute below:

For OWNER, CLAYTON COUNTY WATER AUTHORITY

Dated this _____ day of _____, 2007

By: _____
Name Title

For ENGINEER, CH2M HILL, INC.

Dated this _____ day of _____, 2007

By: _____
Name Title

Regular Board Meeting
 July 12, 2007
 Page Thirteen

EXHIBIT A
 INSURANCE REQUIREMENTS

TASK ORDER OP-07-03
 Hicks Water Production Plant (WPP) Generator Relocation Design

ENGINEER's Insurance

The Engineer will maintain throughout the completion of the above and any subsequent task orders in connection with this project and after completion as required in this Exhibit A.

(a) Workers' compensation as required by the State (Statutory) where the work is performed and Employers Liability in the amount of one million (\$1,000,000) Each Per Accident, Per Disease Each Employee and Per Disease Policy Limit. ENGINEER shall also indemnify and hold OWNER harmless for any such liability that may attach to OWNER as a "statutory employer" of any of ENGINEER'S employees, agents or subcontractors. "An Alternate Employer Endorsement" naming the Owner as a protected Alternate Employer will be added to the Workers' Compensation policy.

(b) Automobile Liability insurance covering claims for injuries to persons and/or property arising from the use of motor vehicles, including onsite and offsite operations, owned, non-owned or hired vehicles, with \$1,000,000 Combined Single Limit.

(c) Commercial General Liability, Occurrence Form, including Contractual Liability, per Project General Aggregate Limit of Liability, losses caused by explosion, collapse and underground (X,C,U perils). The Owner is added as an Additional Insured using ISO Form CG 20-10 extended to include Products/Completed Operations, or an equivalent Additional Insured endorsement, either form must be acceptable to the Owner. The coverage is primary as to the work of the ENGINEER for the Owner and includes separation of insureds (cross liability). Additional Insured status will be certified to the Owner for a period of five (5) years following completion of the project. The General Liability shall cover claims for injuries to persons or damage to property arising out of any covered negligent act or omission of ENGINEER or of any of its employees, agents, or subcontractors.

The limits of coverage shall be:

\$ 1,000,000	Per Occurrence
\$ 1,000,000	Personal or Advertising Injury
\$ 1,000,000	Fire Damage
\$ 5,000	Medical Payments
\$ 1,000,000	General Aggregate
\$ 1,000,000	Products/Completed Operations Occurrence and Aggregate

Regular Board Meeting
July 12, 2007
Page Fourteen

In the alternative, the ENGINEER may substitute a claims made policy in the same amounts and for the same coverages, provided that it has full prior acts coverage and a five (5) year Extended Reporting Period included in the current policy.

(d) Professional liability insurance to include coverage for the Owner and all Subs, Engineers and Design Consultants, with a minimum limit of \$10,000,000 per claim and in the aggregate. The OWNER may increase the limit requirements where in the opinion of the OWNER such increase is desired. The policy shall contain an eight (8) year Extended Reporting Period or the Engineer will furnish the Owner evidence of continuing coverage for that same period of time after completion. The Retro-active date under the policy will predate any work for the Owner. Sixty (60) days prior written notice of cancellation or non-renewal shall be given to the OWNER in the event of termination or non-renewal.

The Owner may elect to obtain a PROJECT policy on a primary or excess basis. The Engineer will amend their PRACTICE policy to provide primary or excess coverage to increase the combined limits of coverage. Deductibles included in the policies will be the responsibility of the Engineer.

(e) An Umbrella policy, including Excess following form, will be provided with a minimum limit of \$10,000,000 Per Occurrence and Aggregate (Per Project) and will apply over underlying policies for Automobile Liability, Commercial General Liability and Employers Liability. The Umbrella policy limits may be combined with the underlying limits to obtain the total limits required.

(f) The ENGINEER will furnish a Certificate of Insurance to the Owner for coverages (a) Workers' Compensation/Employers Liability; (b) Automobile Liability; (c) Commercial General liability; (d) Professional Liability; and (e) Umbrella Liability. The certificates will include a copy of the endorsement on each policy, which requires written notice to the Owner in, the event, of termination or non-renewal, of at least sixty (60) days.

The certificates for the Commercial General Liability will also include a copy of the endorsement naming the Owner as an Additional Insured, providing primary coverage for Products/Completed Operations. Occurrence and Aggregate.

Waiver of Subrogation – ENGINEER waives subrogation against Owner as to Workers' Compensation including Employment Practices Liability, Automobile and Commercial General Liability Policies.

(g) Each and every policy required by this contract shall be with a company that is rated by Best as A- or better. Further, the OWNER shall not be responsible for any deductibles established by such policies.

UPON Motion by Marie Barber and seconded by Lloyd Joiner it was unanimously

Regular Board Meeting
 July 12, 2007
 Page Fifteen

RESOLVED: to approve the Design Task Order No.OP-07-03 provided by CH2M Hill to develop construction plans for the relocation of a CCWA owned emergency standby generator from the Northeast WRF to the Hicks WPP in the not to exceed amount of twenty-five thousand nine hundred dollars (\$25,900.00) based on time and materials.

CH2M Hill Task Order-Water Distribution Modeling Support: Chairman McQueen called on Mike Bennett, Deputy Manager, who stated that this task order includes services provided by CH2M Hill to conduct water distribution modeling workshops with a specific focus on the Forest Park service area. Staff recommends approval of the Water Distribution Modeling Support Task Order No. OP-07-04 provided by CH2M Hill in the not to exceed amount of seventeen thousand six hundred thirty dollars (\$17,630.00).

This task order includes services provided by CH2M Hill to conduct water distribution modeling workshops with a specific focus on the Forest Park service area. The water distribution model developed and calibrated under a previous project will be used as basis for the analysis.

The purpose of the modeling workshops is to review water demand projections in this area of the distribution system and to confirm the original assumptions used in the model. Revised modeling analyses will be conducted as needed to confirm the timeframe for constructing pipeline capital improvement projects identified in the 2005 Master Plan Update.

Project Managers:
 CH2M Hill, Engineers – Jay Kirk
 Clayton County Water Authority – Mike Bennett

Task Order Amount:
 \$ 17,630.00 (not to exceed amount)

Funding:
 FY 2007 Operating Budget

TASK ORDER OP-07-04

This Task Order is an attachment to the Master Services Agreement between CH2M HILL , INC., (“ENGINEER”) and the CLAYTON COUNTY WATER AUTHORITY (“OWNER”) for a PROJECT generally described as Water Distribution Modeling Support.

Background

The purpose of this Task Order is to provide engineering support for the OWNER’s water distribution system model with specific reference to the Forest Park service area. The engineering support included in this task order will supplement the work conducted in the

Regular Board Meeting
 July 12, 2007
 Page Sixteen

2006 Water Distribution Model Update, where the ENGINEER will use the water distribution model developed under this previous project as basis for the analysis to be conducted under task order OP-07-04. Specific items included in the scope of services are presented in Article 1.

ARTICLE 1- SCOPE OF SERVICES

The scope of services includes:

Task 1- Review of water distribution model with specific reference to the Forest Park service area

Task 2- Modeling Workshop 1- Review of the water distribution model and assumptions used in the development of the model

Task 3- Modeling Workshop 2- Review of the water distribution modeling scenarios for the Forrest Park service area

Task 1- Review of water distribution model with specific reference to the Forest Park service area

Since the existing model was developed by CH2M HILL during the Water Distribution Model update project, which was finalized in 2006, the ENGINEER proposes a review of the model to determine if assumptions used in model update are still valid. Under Task 1, OWNER will review the base model scenario to establish existing conditions assumptions on demands and boundary conditions and will also look at future demand scenarios to review the assumptions made for projected growth in the Forest Park service area.

The ENGINEER will also review the 2005 Master Plan report and compare projected growth numbers in the Forest Park service with the demands that were used in the 2006 Water Distribution Model Update future demand modeling scenario and will meet with the OWNER to summarize the comparison.

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 1:

- Review of the existing model with focus on the Forest Park section of the service area
- No improvements to the model are proposed under Task 1
- A formal kick-off meeting is not required

Deliverables

There are no formal deliverables proposed under Task 1.

Task 2- Modeling Workshop 1- Review of the water distribution model and assumptions used in the development of the model

ENGINEER will use the information collected from Task 1 to help develop an agenda for a modeling workshop with the OWNER. Under Task 2, the ENGINEER will provide a local modeling specialist to conduct a 4-hour workshop with OWNER to review the

Regular Board Meeting
July 12, 2007
Page Seventeen

existing state of the water distribution model. This workshop is intended to be conducted in an informal setting, where the ENGINEER will demonstrate the model in a real-time fashion. Preliminary modeling scenarios will be created through discussions with the OWNER during the workshop, where modeling scenarios may be conducted real-time during the workshop to provide immediate results. Up to five additional modeling scenarios that may require additional engineering analysis or that cannot be simulated during the workshop will be developed and presented as part of the second workshop (Task 3).

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 2:

- Model will be presented using the MWH Soft, H2OMap V6 software.

ENGINEER will provide 1 staff person for the modeling Workshop 1

Modeling Workshop to be conducted at OWNER specified location

Model used for the Task 2 workshop will not be recalibrated using any new field data

Deliverables

The following proposed deliverables are included in Task 2:

- Workshop meeting summary, capturing the major agenda items discussed during the workshop

Task 3- Modeling Workshop 2- review of the water distribution modeling scenarios for the Forest Park service area

Workshop 1 (Task 2) is intended to provide the OWNER with the background information on current state of the water distribution model. Modeling scenarios requiring additional engineering analysis that cannot be conducted during the time allotted for Workshop 1 will be developed and presented during Workshop 2.

Under Task 3, it is likely that the discussion from Workshop 1 will prompt the ENGINEER to develop revised demand projections for the Forest Park service area or may require the ENGINEER to revisit the boundary conditions that were developed during the model building process as part of the 2006 Water Distribution Model Update. Under this task, the ENGINEER will use information collected during Workshop 1 to develop up to 5 additional modeling scenarios. These modeling scenarios will be presented in the second workshop, where the model will be displayed real-time.

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 3:

Regular Board Meeting
 July 12, 2007
 Page Eighteen

- No field calibration efforts are proposed to verify any assumptions used to develop additional modeling scenarios

ENGINEER will develop up to 5 modeling scenarios to be presented during the Workshop 2

Model will be presented using the MWH Soft, H2OMap V6 software.

ENGINEER will provide 1 staff person for the modeling Workshop 2

Deliverables

The following proposed deliverables are included in Task 3:

Workshop meeting summary, capturing the major agenda items discussed during the workshop

ARTICLE 2- COMPENSATION

Compensation for the Scope of Services outlined in Article 1 shall be in accordance with the terms specified under the Master Services Agreement. Compensation shall be on a time and materials basis (per diem) with a not-to-exceed amount of \$17,630.00.

ARTICLE 3- SCHEDULE

This Task Order is based upon the PROJECT schedule as shown in Table 2.

TABLE 2
 Project schedule
 Task Order OP-07-04

Task	Start Date	Duration
Task 1- Review of Forest Park water distribution model in specific reference to the Forest Park service area	10 days after owner issues NTP	30 Calendar Days
Task 2- Modeling Workshop 1- review of the water distribution model and assumptions used in the development of the model	To be coordinated with OWNER, after completion of Task 1	1/2-day (4-hour) workshop
Task 3- Modeling Workshop 2- review of the water distribution modeling scenarios for the Forest Park service area	To be coordinated with OWNER, after completion of Task 2	1/2-day (4-hour) workshop

NTP = Notice to Proceed

ARTICLE 4- INSURANCE

The insurance coverage required for this Task Order is shown in Exhibit A, "Insurance Requirements", which is attached hereto and made part of this Agreement.

This Task Order will become part of the referenced AGREEMENT on the effective date, which is the latest date when this Task Order has been signed, as shown below.

IN WITNESS WHEREOF, the parties execute below:

Regular Board Meeting
July 12, 2007
Page Nineteen

For OWNER, CLAYTON COUNTY WATER AUTHORITY

Dated this _____ day of _____, 2007

By: _____
Name Title

For ENGINEER, CH2M HILL, INC.

Dated this _____ day of _____, 2007

By: _____
Name Title

Regular Board Meeting
 July 12, 2007
 Page Twenty

EXHIBIT A
 INSURANCE REQUIREMENTS
 TASK ORDER OP-07-04
 Water Distribution Modeling Support

ENGINEER's Insurance

The Engineer will maintain throughout the completion of the above and any subsequent task orders in connection with this project and after completion as required in this Exhibit A.

(a) Workers' compensation as required by the State (Statutory) where the work is performed and Employers Liability in the amount of one million (\$1,000,000) Each Per Accident, Per Disease Each Employee and Per Disease Policy Limit. ENGINEER shall also indemnify and hold OWNER harmless for any such liability that may attach to OWNER as a "statutory employer" of any of ENGINEER'S employees, agents or subcontractors. "An Alternate Employer Endorsement" naming the Owner as a protected Alternate Employer will be added to the Workers' Compensation policy.

(b) Automobile Liability insurance covering claims for injuries to persons and/or property arising from the use of motor vehicles, including onsite and offsite operations, owned, non-owned or hired vehicles, with \$1,000,000 Combined Single Limit.

(c) Commercial General Liability, Occurrence Form, including Contractual Liability, per Project General Aggregate Limit of Liability, losses caused by explosion, collapse and underground (X,C,U perils). The Owner is added as an Additional Insured using ISO Form CG 20-10 extended to include Products/Completed Operations, or an equivalent Additional Insured endorsement, either form must be acceptable to the Owner. The coverage is primary as to the work of the ENGINEER for the Owner and includes separation of insureds (cross liability). Additional Insured status will be certified to the Owner for a period of five (5) years following completion of the project. The General Liability shall cover claims for injuries to persons or damage to property arising out of any covered negligent act or omission of ENGINEER or of any of its employees, agents, or subcontractors.

The limits of coverage shall be:

\$ 1,000,000	Per Occurrence
\$ 1,000,000	Personal or Advertising Injury
\$ 1,000,000	Fire Damage
\$ 5,000	Medical Payments
\$ 1,000,000	General Aggregate
\$ 1,000,000	Products/Completed Operations Occurrence and Aggregate

In the alternative, the ENGINEER may substitute a claims made policy in the same amounts and for the same coverages, provided that it has full prior acts coverage and a five (5) year Extended Reporting Period included in the current policy.

Regular Board Meeting
July 12, 2007
Page Twenty-One

(d) Professional liability insurance to include coverage for the Owner and all Subs, Engineers and Design Consultants, with a minimum limit of \$10,000,000 per claim and in the aggregate. The OWNER may increase the limit requirements where in the opinion of the OWNER such increase is desired. The policy shall contain an eight (8) year Extended Reporting Period or the Engineer will furnish the Owner evidence of continuing coverage for that same period of time after completion. The Retro-active date under the policy will predate any work for the Owner. Sixty (60) days prior written notice of cancellation or non-renewal shall be given to the OWNER in the event of termination or non-renewal.

The Owner may elect to obtain a PROJECT policy on a primary or excess basis. The Engineer will amend their PRACTICE policy to provide primary or excess coverage to increase the combined limits of coverage. Deductibles included in the policies will be the responsibility of the Engineer.

(e) An Umbrella policy, including Excess following form, will be provided with a minimum limit of \$10,000,000 Per Occurrence and Aggregate (Per Project) and will apply over underlying policies for Automobile Liability, Commercial General Liability and Employers Liability. The Umbrella policy limits may be combined with the underlying limits to obtain the total limits required.

(f) The ENGINEER will furnish a Certificate of Insurance to the Owner for coverages (a) Workers' Compensation/Employers Liability; (b) Automobile Liability; (c) Commercial General liability; (d) Professional Liability; and (e) Umbrella Liability. The certificates will include a copy of the endorsement on each policy, which requires written notice to the Owner in, the event, of termination or non-renewal, of at least sixty (60) days. The certificates for the Commercial General Liability will also include a copy of the endorsement naming the Owner as an Additional Insured, providing primary coverage for Products/Completed Operations. Occurrence and Aggregate.

Waiver of Subrogation – ENGINEER waives subrogation against Owner as to Workers' Compensation including Employment Practices Liability, Automobile and Commercial General Liability Policies.

(g) Each and every policy required by this contract shall be with a company that is rated by Best as A- or better. Further, the OWNER shall not be responsible for any deductibles established by such policies.

UPON Motion by John Westervelt and seconded by John Chafin it was unanimously

RESOLVED: to approve the Water Distribution Modeling Support Task Order No. OP-07-04, provided by CH2M Hill, in the not to exceed amount of seventeen thousand six hundred thirty dollars (\$17,630.00).

Regular Board Meeting
 July 12, 2007
 Page Twenty-Two

CH2M Hill Task Order – Collection System Field Service Support: Mr. Bennett stated that this task order includes field services provided by CH2M Hill to review and make recommended improvements in the wastewater collection system flow monitoring and smoke testing procedures in the not to exceed amount of twenty-two thousand one hundred dollars (\$22,100).

This task order includes field services provided by CH2M Hill to review and make recommended improvements in the wastewater collection system flow monitoring and smoke testing procedures. The improved procedures will expedite the successful ongoing program to reduce infiltration and inflow into the wastewater collection system.

The task order includes expert review of the existing bid documents prepared for the procurement, installation and data acquisition services for permanent wastewater flow monitors. The task order also includes training for validation and accuracy of flow monitoring equipment and improved smoke testing procedures to identify defects in the wastewater collection system.

Project Managers:
 CH2M Hill, Engineers – Jay Kirk
 Clayton County Water Authority – Mike Bennett

Task Order Amount:	Funding:
\$ 22,100.00 (not to exceed amount)	FY 2007 Operating Budget

TASK ORDER OP-07-05

This Task Order is an attachment to the Master Services Agreement between CH2M HILL, INC., (“ENGINEER”) and CLAYTON COUNTY WATER AUTHORITY (“OWNER”) for a PROJECT generally described as Collection System Field Service Support.

Background

The purpose of this Task Order is to provide field services to support the collection system of flow monitoring and smoke testing. The OWNER has requested that the ENGINEER provide a scope of services for assistance in developing “best practices” procedures for the installation of flow monitoring devices and for smoke testing within the wastewater collection system. Specific Tasks are described below.

ARTICLE 1- SCOPE OF SERVICES

The scope of services includes:

Task 1- Review of Permanent Flow Monitoring Request for Proposal (RFP)

Task 2- Permanent Flow Monitor Validation

Task 3- Smoke Test Training

Regular Board Meeting
July 12, 2007
Page Twenty-Three

Task 1- Review of Permanent Flow Monitoring Request for Proposal (RFP)

OWNER is currently preparing preliminary bid documents for the procurement of permanent sanitary sewer flow monitors, installation of equipment, and data acquisition services.

ENGINEER shall review draft bid documents prior to solicitation. Recommended changes shall be provided by the ENGINEER to OWNER for inclusion into the document at OWNER's discretion.

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 1:

A single review of the OWNER-furnished RFP is assumed

Recommendations by ENGINEER will be furnished via a short memorandum

No meetings are anticipated under Task 1

Deliverables

ENGINEER will provide OWNER with the following deliverables:

- Electronic copy of the summary of recommendations memorandum sent via email

Task 2- Permanent Flow Monitor Validation

ENGINEER shall install temporary OWNER-furnished flow monitors at each permanent monitoring location for a minimum period of five (5) days. Manual depth and velocity profiling shall be conducted by ENGINEER with OWNER staff to confirm the accuracy of the temporary flow monitors. The OWNER shall provide staff for meter installation and servicing. This process shall be structured as a flow monitor training program for OWNER so that staff may provide improved monitoring services for future Inflow/Infiltration (I/I) assessment programs. OWNER shall provide all necessary equipment for monitoring services.

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 2:

OWNER to supply all field equipment for flow monitor installations

ENGINEER to supply one staff field specialist who will spend up to 2-weeks in the field (for Task 2 and Task 3 combined, up to 80 hours combined)

Deliverables

No deliverables are proposed under Task 2.

Regular Board Meeting
July 12, 2007
Page Twenty-Four

Task 3- Smoke Test Training

ENGINEER shall provide smoke test training for OWNER. OWNER shall provide crew and all equipment required to conduct smoke testing of the sanitary sewer system.

Two 4,500-cfm blowers and consecutive 3-minute smoke bombs shall be used to accomplish the testing. Smoke testing shall be limited to no more than four (4) line segments or 600 linear feet, whichever is less, per set-up. Generally, each individual sewer line will be isolated and tested. The smoke test crew will use standardized field forms for entry into the database and digitized photos of all observed I/I defects will be taken. Each photograph shall be properly annotated and attached to the specific smoke test record. All photographs of observed defects should clearly show, at a minimum, two identifying permanent features. Offset distances and approximate stationing along the main sewer alignment shall be established and recorded on the field forms of all public I/I defects. Measurements from two stationary objects to the identified defect will be recorded and sketched for each private I/I defect.

ENGINEER's Assumptions

The following ENGINEER's assumptions are included in Task 3:

A public relations program shall be implemented by OWNER prior to smoke testing.

This program may consist of newspaper notifications, fire department notifications, door hanger notices, letters of introduction, and notices to be left at properties where smoke entered into a confined space as reported to field crews by the property owner. All door-to-door notices will be distributed no more than 7 working days or less than 48 hours prior to actual performance of the smoke testing.

Smoke Testing Activities will be conducted in concurrence with Task 2 field activities. ENGINEER shall supply one staff field specialist who will spend up to 2-weeks in the field (for Task 2 and Task 3 combined, up to 80 hours combined)

Deliverables

There are no formal deliverables proposed under Task 3.

ARTICLE 2- COMPENSATION

Compensation for the Scope of Services outlined in Article 1 shall be in accordance with the terms specified under the Master Services Agreement. Compensation shall be on a time and materials basis (per diem) with a not-to-exceed amount of \$22,100.00.

ARTICLE 3- SCHEDULE

This Task Order is based upon the PROJECT schedule as shown in Table 2.

Regular Board Meeting
 July 12, 2007
 Page Twenty-Five

TABLE 2
 Project schedule
 Task Order OP-07-05

Task	Start Date	Duration
Task 1- Review of Permanent Flow Monitoring Request for Proposal (RFP)	10 days after OWNER issues NTP	14 calendar days
Task 2- Permanent Flow Monitor Validation	To be coordinated with OWNER	Up to 14 calendar days
Task 3- Smoke Test Training	Same as Task 2	Same as Task 2

NTP = Notice to Proceed

ARTICLE 4- INSURANCE

The insurance coverage required for this Task Order is shown in Exhibit A, “Insurance Requirements”, which is attached hereto and made part of this Agreement. This Task Order will become part of the referenced AGREEMENT on the effective date which is the latest date when this Task Order has been signed, as shown below. IN WITNESS WHEREOF, the parties execute below:

For OWNER, CLAYTON COUNTY WATER AUTHORITY

Dated this _____ day of _____, 2007

By: _____
 Name Title

For ENGINEER, CH2M HILL, INC.

Dated this _____ day of _____, 2007

By: _____
 Name Title

EXHIBIT A
 INSURANCE REQUIREMENTS
 TASK ORDER OP-07-05
 Collection System Field Service Support

ENGINEER's Insurance

Regular Board Meeting
 July 12, 2007
 Page Twenty-Six

The Engineer will maintain throughout the completion of the above and any subsequent task orders in connection with this project and after completion as required in this Exhibit A.

(a) Workers' compensation as required by the State (Statutory) where the work is performed and Employers Liability in the amount of one million (\$1,000,000) Each Per Accident, Per Disease Each Employee and Per Disease Policy Limit. ENGINEER shall also indemnify and hold OWNER harmless for any such liability that may attach to OWNER as a "statutory employer" of any of ENGINEER'S employees, agents or subcontractors. "An Alternate Employer Endorsement" naming the Owner as a protected Alternate Employer will be added to the Workers' Compensation policy.

(b) Automobile Liability insurance covering claims for injuries to persons and/or property arising from the use of motor vehicles, including onsite and offsite operations, owned, non-owned or hired vehicles, with \$1,000,000 Combined Single Limit.

(c) Commercial General Liability, Occurrence Form, including Contractual Liability, per Project General Aggregate Limit of Liability, losses caused by explosion, collapse and underground (X,C,U perils). The Owner is added as an Additional Insured using ISO Form CG 20-10 extended to include Products/Completed Operations, or an equivalent Additional Insured endorsement, either form must be acceptable to the Owner. The coverage is primary as to the work of the ENGINEER for the Owner and includes separation of insureds (cross liability). Additional Insured status will be certified to the Owner for a period of five (5) years following completion of the project. The General Liability shall cover claims for injuries to persons or damage to property arising out of any covered negligent act or omission of ENGINEER or of any of its employees, agents, or subcontractors.

The limits of coverage shall be:

\$ 1,000,000	Per Occurrence
\$ 1,000,000	Personal or Advertising Injury
\$ 1,000,000	Fire Damage
\$ 5,000	Medical Payments
\$ 1,000,000	General Aggregate
\$ 1,000,000	Products/Completed Operations Occurrence and Aggregate

In the alternative, the ENGINEER may substitute a claims made policy in the same amounts and for the same coverages, provided that it has full prior acts coverage and a five (5) year Extended Reporting Period included in the current policy.

Regular Board Meeting
July 12, 2007
Page Twenty-Seven

(d) Professional liability insurance to include coverage for the Owner and all Subs, Engineers and Design Consultants, with a minimum limit of \$10,000,000 per claim and in the aggregate. The OWNER may increase the limit requirements where in the opinion of the OWNER such increase is desired. The policy shall contain an eight (8) year Extended Reporting Period or the Engineer will furnish the Owner evidence of continuing coverage for that same period of time after completion. The Retro-active date under the policy will predate any work for the Owner. Sixty (60) days prior written notice of cancellation or non-renewal shall be given to the OWNER in the event of termination or non-renewal.

The Owner may elect to obtain a PROJECT policy on a primary or excess basis. The Engineer will amend their PRACTICE policy to provide primary or excess coverage to increase the combined limits of coverage. Deductibles included in the policies will be the responsibility of the Engineer.

(e) An Umbrella policy, including Excess following form, will be provided with a minimum limit of \$10,000,000 Per Occurrence and Aggregate (Per Project) and will apply over underlying policies for Automobile Liability, Commercial General Liability and Employers Liability. The Umbrella policy limits may be combined with the underlying limits to obtain the total limits required.

(f) The ENGINEER will furnish a Certificate of Insurance to the Owner for coverages (a) Workers' Compensation/Employers Liability; (b) Automobile Liability; (c) Commercial General liability; (d) Professional Liability; and (e) Umbrella Liability. The certificates will include a copy of the endorsement on each policy, which requires written notice to the Owner in, the event, of termination or non-renewal, of at least sixty (60) days. The certificates for the Commercial General Liability will also include a copy of the endorsement naming the Owner as an Additional Insured, providing primary coverage for Products/Completed Operations. Occurrence and Aggregate.

Waiver of Subrogation – ENGINEER waives subrogation against Owner as to Workers' Compensation including Employment Practices Liability, Automobile and Commercial General Liability Policies.

(g) Each and every policy required by this contract shall be with a company that is rated by Best as A- or better. Further, the OWNER shall not be responsible for any deductibles established by such policies.

UPON Motion by Marie Barber and seconded by John Chafin it was unanimously

RESOLVED: to approve the Collection System Field Service Support Task Order OP-07-05, provided by CH2M Hill, in the not to exceed amount of twenty-two thousand one hundred dollars (\$22,100.00).

Regular Board Meeting
 July 12, 2007
 Page Twenty-Eight

Storage Area Network (SAN) Update: Chairman McQueen called on Rodney Crowell, MIS Director, who stated that the purpose of this request is to increase the capacity for our existing Storage Area Network (SAN) in the not to exceed amount of one hundred thirty-seven thousand eight hundred dollars (\$137,800.00).

The purpose of this request is to increase the useable capacity of our existing Storage Area Network (SAN). A SAN is a high speed cluster of computer hard drives for data storage to associated application servers and data servers. The SAN enables our technical staff to administer and manage our data storage needs dynamically which reduces the need for additional personnel as our technology use grows.

Our existing SAN was purchased in FY2006 with a capacity of 4.3 terabytes. Our initial projection was this SAN would handle our data storage needs for 24 months. Data storage growth has been 110% higher than originally projected. Our largest uses of data storage are IMAGING (document retention), GIS, Microsoft Office documents (Excel, Word, Power Point, etc), NorthStar (the new CIS & Utility Billing solution), E-mail and Historical Reports in Adobe format. Our employees continue to learn new ways to use the tools that have been placed at their disposal.

There is an allocation of \$140,000.00 in the FY2007 budget. This SAN upgrade is necessary to keep pace with increasing storage demands. It will provide 7.2 terabytes of growth through FY2010. This is a sole source purchase because of the need for compatibility with our existing SAN, an Equallogic solution purchased from Veristor at the beginning of FY2006. Veristor is our "Reseller of Record" with Equallogic and they have quoted a State Contract price of \$137,800.00 for this upgrade.

FY2007 Budget:	\$140,000.00
Not to Exceed Cost:	\$137,800.00
Funding Source:	FY2007 Operating Budget

UPON Motion by Lloyd Joiner and seconded by Marie Barber it was unanimously

RESOLVED: to approve the request for upgrading our existing Storage Area Network (SAN) in the not to exceed amount of one hundred thirty-seven thousand eight hundred dollars (\$137,800.00).

Hooper Phase 5 Waterline Replacement Easement Condemnations: Chairman McQueen called on Mike Thomas, General Manager, who stated that this will be the last phase that we will construct on the Hooper Waterline Replacement. Highway 42 has been widened in this area, but there is only about five (5) feet of right-of-way between

Regular Board Meeting
July 12, 2007
Page Twenty-Nine

the edge of the curb and the right-of-way. We were unable to fit this new line within the right-of-way, so we have to obtain easements along the edge of the right-of-way.

A total of ten easements are needed to install this line and we have obtained seven. We have been unable to reach agreement with three property owners and need to proceed with condemnation of these easements. Staff is requesting Board approval to proceed with these condemnations. We will continue to work to resolve the issues with these property owners and only use this alternative as a last resort.

UPON Motion by Lloyd Joiner and seconded by John Westervelt it was

RESOLVED: to approve the acquisition by condemnation of the three easements needed to complete the Hooper Water Line Replacement, Phase 5 which runs parallel to Highway 42.

Board Member, John Chafin, voted in opposition to the proposal

Southern Regional Medical Center – Hatcher’s Lake Condemnation: Mr. Thomas stated that the Water Authority has been working with the Southern Regional Medical Center to provide for long-term maintenance of the lake on their property on Hwy 138 known as Hatcher’s Lake. As a condition for Water Authority acceptance of this lake, we requested that all property that was part of the lake be deeded over to the Water Authority. The property owners in the Runnymede Subdivision, who own a portion of the lake, have all agreed to a “friendly” condemnation to overcome legal hurdles in selling this property. We are requesting Board approval of a resolution and declaration of taking for these parcels.

UPON Motion by John Chafin and seconded by Marie Barber it was unanimously

RESOLVED: to approve the resolution and declaration of taking of the parcels surrounding Hatcher’s Lake in the Runnymede Subdivision.

UPON Motion by John Chafin and seconded by Lloyd Joiner it was unanimously

RESOLVED: that the Board adjourn into executive session for land, legal, and personnel issues. The Board reserves the right to return to open session.

The Board returned to open session.

Mr. Thomas stated that Emory McHugh will be purchasing an Asset Tagging Software System, which is built specifically to be compatible with JDEdwards, our

Regular Board Meeting
July 12, 2007
Page Thirty

financial package. This system has the hardware to produce a tag and bar scanning technology. We will tag the assets so that in the future we will be able to scan the tag and update our assets quickly. The software and the hardware purchase price is seventy-eight thousand seven hundred seventy dollars (\$78,770). It is a sole source because it is the company that works with JDEdwards, that produces the software. We had sixty-three thousand five hundred dollars (\$63,500) budgeted, but did not have a full understanding of what we needed at the time we prepared the budget. Staff request that the Authority purchase this Asset Tagging Software for seventy-eight thousand seven hundred seventy dollars (\$78,770).

Board member, John Chafin, asked Mr. Thomas how much this system would save the Authority other than just the tracking.

Mr. Thomas stated that this system will give us a tremendous amount of man-hour savings. Several employees tried to update our asset system last year and spent hours on hours to find the assets that were on the list. It is not only the man-hour savings, but also to put the Authority in better fiduciary shape.

UPON Motion by Lloyd Joiner and seconded by Doug Bonner it was

RESOLVED: to approve the purchase of an Asset Tagging Software System in the amount of seventy-eight thousand seven hundred seventy dollars (\$78,770) for the purpose of tagging assets and this system also includes bar scanning technology.

Board member, John Chafin, voted in opposition to the Motion.

Mr. Thomas provided an update on the City of Atlanta where we send them wastewater in the north part of the county. We are working on a plan to pump that wastewater back into our system that would ultimately be treated at the Casey Plant. With Mr. Fincher's help, we have been disputing with them on how they were charging this operational cost and they have finally agreed that they had been overcharging us and offered us a credit of four hundred twenty thousand three hundred fifty-two dollars (\$420,352). They have not discussed with us when or how they would pay that back to us. It has taken two or three years for them to even acknowledge that they owe us a credit, so we are not sure when they will pay the credit. Mr. Thomas would like to suggest that we deduct that portion out of the current operating invoice that we receive each month in the amount of thirty-five to forty-five thousand dollars (\$35,000-\$45,000). The Authority would just discontinue paying this invoice each month, until the credit is used up.

Regular Board Meeting
July 12, 2007
Page Thirty-One

Board member, John Chafin, asked what the Authority had previously calculated the City of Atlanta owed us.

Steve Fincher replied that we had estimated that the City of Atlanta owed us one point two million dollars (\$1,200,000), depending on how one calculates the credit.

The Board requested that Mr. Thomas and Mr. Fincher take a look at this and come back with a recommendation at the August Board meeting.

Mr. Thomas stated that the Authority has received quotes under the state contract for the 2007 vehicle purchases in the amount of four hundred thousand dollars (\$400,000). Four hundred twenty-eight thousand dollars (\$428,000) had been budgeted for the twenty (20) vehicles.

Mr. Thomas stated that the Forest Lake Homeowner's Association on Mundy's Mill Road, at the intersection with Brown Road, had a bad leak and ran up a bill of thirty-two thousand dollars (\$32,000). We pulled the meter last year. The Authority did develop an adjustment for them based on the Board's policy and the adjustment brought their bill just under seventeen thousand dollars (\$17,000). They shared their financial statements with Mr. Thomas as a Homeowners Association and had less than two thousand dollars (\$2,000) in the bank. Mr. Thomas suggested to the Board that he work with the Homeowner's Association by giving them the adjustment and allow them to pay the balance over a twelve (12) month period.

Mr. Thomas stated that the Call Center stats for June were not any better than in May, so we need to take drastic actions. Mike Thomas, Mike Bennett, and Brian Robinson met with Henry County Water Authority staff to talk about similar problems. Henry County shared that they sometimes have "call wait" times in their call center of about fifteen (15) minutes. As the Board approved last meeting, we are going to increase our Call Center staff from five to six (5 to 6) customer service reps along with the supervisor. We still have an employee out on family medical leave through the end of August, one employee was out sick that day, and one person was on vacation, so our staff was at fifty percent (50%). Mr. Thomas would like to bring in two (2) other temp agency people who, once trained, will be able to backfill those positions whenever anyone is out. Mr. Thomas stated that on the front counter it varies when they are busy, so at times when they are not busy they are instructed to dial into the Call Center and take some of the calls.

Mr. Thomas stated that we have discussed the interactive voice response (IVR) system certainly will help to reduce the number of calls that get to the Call Center. Mr.

Regular Board Meeting
July 12, 2007
Page Thirty-Two

Thomas added that he may be coming to the Board in the near future in regard to our phone system which is about eleven or twelve (11 or 12) years old. We have already had trouble finding replacement parts. The computer hardware and the phone system eventually will need to be upgraded so that it will be voice over internet to make the phone system much more efficient.

Mr. Thomas stated that a change has been made to the reminder notice that is mailed to the customers. It does not mention "arrangements", which hopefully will reduce some calls.

Mr. Thomas stated that after the meeting with Henry County, we realized that very few utilities, if any, send a "reminder notice" to the customers. On the twentieth (20th) day after our customer has been billed, we are sending a reminder notice saying that the customer is past due, and if they do not pay by a certain date, we will cut their water off. The cost to send these "reminder notices" is over ten thousand dollars (\$10,000) a month.

Vice Chairman, Lloyd Joiner, asked if this sending of "reminder notices" was a policy set by the Board.

Mr. Thomas explained that this was not a policy, but he wanted the Board to be aware that this practice would be eliminated. Mr. Thomas stated that he would add some language to the current notices that this practice would stop and what date it would be effective.

Mr. Thomas also wanted the Board to know that staff will be visiting other Call Centers. Tomorrow we will be visiting Mr. Hirsekorn in Sandy Springs to observe their call center to gather ideas for improvement in our operation.

Mr. Thomas asked the Board for guidance on the practice of "bill inserts". Currently, we have a request from a tutoring program that is a non-profit, but is not a government backed institution. We have done bill inserts for a variety of people, not necessarily just government organizations. Mr. Thomas asked the Board for guidance for future requests for bill inserts in our water bills.

The Board stated that they agree to discontinue allowing bill inserts to be added to our water bills unless they are associated with or receive funds from a county entity.

Mr. Thomas stated that Mr. Chafin and Ms. Barber have had individuals saying things about our fountains and that the Authority is wasting water. We fill them once and the water is recycled and any irrigation is done according to the water restrictions that are in place for the state. Mr. Thomas added that he plans to talk with our landscaping

Regular Board Meeting
July 12, 2007
Page Thirty-Three

company to see if we can keep it looking good, but still be more efficient in our water use.

Upon Motion by John Chafin and seconded by Lloyd Joiner it was unanimously

RESOLVED: to adjourn the regular session board meeting.

There being no further business to come before the open meeting, the meeting was adjourned.

Pete McQueen, Chairman

Walter Marie Barber, Secretary/Treasurer