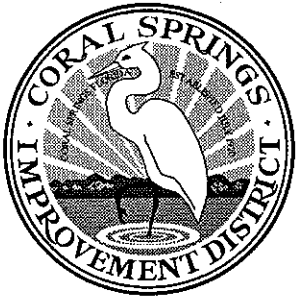


**Coral Springs
Improvement District**

Agenda

July 16, 2012

RT



Coral Springs Improvement District

July 11, 2012

Board of Supervisors
Coral Springs Improvement District

Dear Board Members:

The regular meeting of the Board of Supervisors of the Coral Springs Improvement District will be held on Monday, July 16, 2012 at **4:00 P.M.** in the District Offices, 10300 N. W. 11th Manor, Coral Springs, Florida. Following is the advance agenda for this meeting.

1. Roll Call
2. Approval of the Minutes of the June 18, 2012 Meeting
3. Audience Comments
4. Lanzo Construction/CH2 M Hill
 - Project Updates
5. Distribution of the Proposed Water and Sewer Budget for Fiscal Year 2013 and Consideration of Resolution 2012-3, Approving the Budget and Setting the Public Hearing
6. Global Tech Presentation – RO Plant Project Findings
7. Consideration of Work Authorizations
 - A. Amendment No. 1 to M&A Work Authorization No. 1 – McKune & Associates, Inc.
 - B. Work Authorization GT-2012-01 for Ammonium Sulfate System – Globaltech, Inc.
 - C. Work Authorization GT-2012-02 for Well Upgrade Analysis Report – Globaltech, Inc.
8. Staff Reports
 - A. Manager
 - Utility Billing Work Orders
 - Rescheduling of September Meeting Date
 - B. Director of Operations
 - Water
 - Sewer
 - Stormwater
 - Field
 - Human Resources

C. Attorney

- Motion to Appoint Globaltech, Inc. Engineer of Record for the Bond Issue
- Discussion Regarding Potential Changes to Enabling Legislation

D. Engineer

9. Approval of June Financials and Check Registers
10. Supervisors' Requests
11. Adjournment

The Minutes of the June 18, 2012 Meeting are enclosed for your review.

The fifth order of business is distribution of the proposed water and sewer budget for fiscal year 2013 and consideration of Resolution 2012-3, copies of which are enclosed.

A memorandum from Globaltech, Inc regarding their presentation is enclosed.

Enclosed under the seventh order of business are three work authorizations as referenced above.

The utility billing work orders are enclosed under the Manager's Report.

The financials and check registers for June are enclosed. The balance of the agenda is routine in nature and staff will present their reports at the meeting.

I look forward to seeing you at the meeting and in the meantime if you have any questions, please contact me.

Sincerely,



Kenneth Cassel/sd
District Manager

cc:	Jane Early	Randy Frederick	Ed Stover
	Kay Woodward	David McIntosh	William Capko
	Dan Daly	Stephen Bloom	Beverley Servé
	John McKune	Cory Johnson	Shawn Frankenhauser
	Michael Bone	Troy Lyn	

Minutes

**MINUTES OF MEETING
CORAL SPRINGS IMPROVEMENT DISTRICT**

A regular meeting of the Board of Supervisors of the Coral Springs Improvement District was held on Monday, June 18, 2012 at 4:00 p.m. at the District Office, 10300 NW 11th Manor, Coral Springs, Florida.

Present and constituting a quorum were:

Martin Shank	President
Theodore Mena	Vice President
Duane Holland	Secretary

Also present were:

Kenneth Cassel	District Manager
William Capko	District Counsel
Dan Daly	Director of Operations
Kay Woodward	District Accountant
Joe Stevens	Water Department
David McIntosh	Wastewater Department
Randy Frederick	Drainage Supervisor
Steve Seigfried	Field Superintendent
Jan Zilmer	Human Resources
Cory Johnson	CH2M Hill
Joe Brown	Lanzo Construction
Glen Hanks	Glen Hanks Consulting Engineers, Inc.
Troy Lyn	Globaltech, Inc.
Jason Gunther	Bohler Engineering
Mark Gulyas	LMK Pipe Renewal, LLC
John Reinhard	LMK Pipe Renewal, LLC
Rochelle Hallamp	Resident

The following is a summary of the minutes and actions taken during the June 18, 2012 CSID Board of Supervisors Meeting.

FIRST ORDER OF BUSINESS

Roll Call

Mr. Cassel called the meeting to order and called the roll.

SECOND ORDER OF BUSINESS

Approval of the Minutes of the May 21, 2012 Meeting

Mr. Shank stated each Board member received a copy of the minutes of the May 21, 2012 meeting and requested any corrections, additions or deletions.

Unapproved Minutes

There not being any,

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor the minutes of the May 21, 2012 meeting were approved.

THIRD ORDER OF BUSINESS

Audience Comments

There not being any, the next item followed.

FOURTH ORDER OF BUSINESS

Lanzo Construction

• **Project Updates**

Mr. Brown provided the Board with an update.

- The project is 98% complete.
- He asked for an update on their retainage.
- Mr. Cassel explained it is part of the final closeout documents and payout.
- Mr. Brown requested some of the retainage be released because there is \$135,000 in retainage and there is \$93,000 worth of work left to complete.
- Mr. Cassel noted the District has appeased the contractor several times by reducing retainage. The standard is to release the remaining part of retainage with the final adjustment change order along with releases of liens. This is part of the contract document requirements. Releasing retainage at this point may hinder the District from obtaining all necessary documents.
- Mr. Brown stated he provided a letter to the District with all the payout information.
- Mr. Cassel noted he received the letter late on Friday afternoon.
- Mr. Brown stated Mr. McKune was aware of this prior to Friday.
- Mr. Cassel clarified he could not do anything because Mr. Daly and he were not informed until Friday afternoon.
- Mr. Mena noticed Mr. McKune has been involved with several issues where the District manager is the last person to be informed. It was not the Board's intention for Mr. McKune to run the engineering portion of the District without advising the District manager and he feels this is not acceptable.
- Mr. Shank stated Mr. McKune is the Board's consultant on engineering issues.
- The Board requested Mr. Brown communicate with Mr. Cassel and Mr. Daly going forward.

FIFTH ORDER OF BUSINESS

Amendment of CIP Plan in the Bond Documents – Resolution 2012-2

Mr. Capko distributed and reviewed Resolution 2012-2, amending the District’s five year capital improvement plan. The resolution adds the rehabilitation and upgrading of the water and wastewater collection and distribution infrastructure to the five year capital improvement plan.

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor Resolution 2012-2, amending the District’s five year capital improvement plan, was adopted.

SIXTH ORDER OF BUSINESS

Consideration of Drainage Approval for TD Bank– Glen Hanks

Mr. Hanks addressed the Board and the following was discussed:

- Bohler Engineering submitted revised plans, which are substantially in conformance with the District’s permit criteria manual.
- He recommends approval of the revised stormwater management permit application for TD Bank.
- Improvements will bring the TD Bank parcel, which is .92 acres, into close conformance with the stormwater criteria manual.

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor the revised stormwater management permit for TD Bank was approved.

- Mr. Hanks provided a report on his meeting with SFWMD. SFWMD is supportive of changes improving flood protection and making the District’s permit criteria more stringent. Any projects less than 40 acres are to be permitted by the District. Anything larger will also require a SFWMD permit.
- Mr. Hanks and Mr. Cassel will work on necessary changes to the permit criteria manual and bring it back to the Board.
- There was discussion regarding recourses for permits already issued, which are not in compliance. The District cannot do anything unless a permit modification is requested.
- SFWMD is agreeable to pursuing a modification to their comprehensive plan during one of their annual revisions to allow more storage and address deficiencies.

- SFWMD is pleased with how the District is operating with them and are okay with the District updating the permit criteria manual.
- Mr. Mena addressed the issue of trees located behind the auto mall. Mr. Hanks would like to work with Mr. Cassel on appropriate verbiage of the District’s standard criteria where anyone applying for a permit will need to remove trees from the canal right-of-ways adjacent to their property at their expense.

SEVENTH ORDER OF BUSINESS

Presentation by LMK Regarding Laterals and Main Lines

Mr. Reinhardt and Mr. Gulyas provided the Board with a presentation on how LMK Pipe Renewal, LLC rehabilitated the lateral and main lines at Lift Station #1.

EIGHTH ORDER OF BUSINESS

Consideration of Contracts

D. Layne-Reynolds Piggyback Contract

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor piggybacking off the Charlotte County contract was approved.

E. LMK for Lining of Laterals and Replacing Wye

On MOTION by Mr. Holland seconded by Mr. Mena with all in favor piggybacking off the North Miami Beach contract was approved.

A. Globaltech, Inc.

Mr. Cassel noted a revised contract was sent to the Board under separate cover.

On MOTION by Mr. Holland seconded by Mr. Shank with all in favor the revised contract with Globaltech, Inc. for engineering services was approved.

B. Water Storage Tank Cleaning

Two bids were submitted: Fish Tec, Inc in the amount of \$89,000 and Underwater Solutions in the amount of 25,400. The District received written permission from the Broward County Health Department allowing the cleaning to be done in January of 2013, which will lower the cost from Underwater Solutions to \$13,650.

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor cleaning of the water storage tank was awarded to Underwater Solutions.

C. Sprint Nextel

Mr. Daly explained Sprint is transferring the old Nextel network to their push-to-talk network. The District’s push-to-talk system and handheld devices needs to be switched to have reception.

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor the agreement with Sprint Nextel was approved.

F. Authorization to Award Bid for Cleaning and Hauling Waste from Plant E at an Amount Not to Exceed \$29,000

A request for bids was noticed to clean and dispose of solid waste from Plant E. Staff estimates bids will come in at approximately \$29,000.

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor staff was authorized to award a bid for cleaning and disposing waste from Plant E at a cost not to exceed \$29,000.

G. Consideration of Contract for Lift Stations #30 and #32 Rehabilitation

Mr. Seigfried explained the necessity for rehabilitation of the lift stations.

On MOTION by Mr. Holland seconded by Mr. Mena with all in favor the contract for rehabilitation of lift stations #30 and #32 was awarded to Hinterland Group, Inc. at a total cost of \$97,710.

NINTH ORDER OF BUSINESS

Consideration of CH2M Hill Invoice Dated February 25, 2012 through March 30, 2012

The Board was provided with a marked up copy of the invoice submitted by CH2M Hill. Mr. Cassel suggested deducting \$9,833.50 from the invoice making the total \$26,771.37

On MOTION by Mr. Holland seconded by Mr. Shank with all in favor the Board approved payment of CH2M Hill invoice for services rendered February 25, 2012 through March 30, 2012 deducting \$9,833.50 from the total, making the total amount to be paid \$26,771.37.

TENTH ORDER OF BUSINESS**Staff Reports****A. Manager**

- **Utility Billing Work Orders**
- **Water Break Report**

The above items are for informational purposes only.

Mr. Cassel reported the District received a letter from NSID on June 15, 2012 notifying they will not renew the interlocal agreement when it expires on September 30, 2012. Under the interlocal agreement the District provides meter reading, water billing, accounts payable, accounting functions and human resources.

Mr. Shank extended an invitation to meet with Mr. Hyche at the District Offices tomorrow; however, it is likely they will not meet because NSID staff wants the meeting to take place at their offices.

The Board directed staff to send a termination notice to NSID for the interlocal agreement per the 60 day termination provision.

B. Director of Operations

- **Water**

Mr. Stevens reported everything is well.

- They acquired some of the equipment previously discussed from Lanzo.
- The sulfuric acid containment pump was installed.
- Mr. Shank asked about well #5. It is being worked on. They received video footage on Friday and Mr. McKune reviewed it. The work is expected to be complete within a month.
- Mr. Shank questioned whether it is cost effective to start operating the nano plant.
- The cost differential to run the nano plant versus the lime softening plant is approximately \$260,000.
- Mr. Mena expressed the only way to know whether it is cost effective is to actually run it.
- Mr. Cassel noted significant improvements with approximately costs of \$500,000 to \$600,000 will be needed to keep the lime softening plant operating.

- **Sewer**

Mr. McIntosh reported Lanzo completed their part of the work on the effluent pump. The pump is expected to be installed by the next meeting.

- **Stormwater**

There being no report, the next item followed.

- **Field**

There being no report, the next item followed.

- **Human Resources**

Mr. Zilmer reported he is waiting for more information regarding insurance quotes.

Mr. Daly reported they are negotiating general liability insurance with PGIT and expect to have figures by next month.

C. Attorney

Mr. Capko reported the City Attorney contacted him about code allowing fences on District property. He is waiting on comments from the Community Development Department.

Mr. Shank requested an update on CH2M Hill. The notice of termination was sent to Ms. van Raavensway. There was no response to the demand letter previously sent.

Mr. Cassel reported the District records are ready to be picked up from CH2M Hill.

D. Engineer

- **Project Status Report**

Mr. Johnson reported the following:

- Before the Building Department can provide a Certificate of Occupancy for Plant F the District needs final clearance from DEP.
- DEP requires as-built drawings. Lanzo provided the final survey information last week. CH2M Hill is waiting for electrical as-built information from Lanzo to prepare the as-builts. Mr. Brown stated he submitted them twice.
- CH2M Hill is working on as-builts for the water plant as well.
- They are working on finalizing the O&M manual.

ELEVENTH ORDER OF BUSINESS

Approval of May Financials and Check Registers

There being no questions or comments,

On MOTION by Mr. Mena seconded by Mr. Holland with all in favor the May financials and check registers were approved.

TWELFTH ORDER OF BUSINESS

Supervisors' Requests

The following comments were made:

- Mr. Holland acknowledged Mr. Zilmer's excellent work on obtaining information requested by the Board.
- Mr. Mena noted Mr. Shank and he have been Board members for a year and it has been a pleasure. He commended staff for working with them. He would like to invite the City Manager to visit the plant.
- Mr. Shank also commented on the past year and expressed appreciation to staff and fellow Board members.

THIRTEENTH ORDER OF BUSINESS

Adjournment

There being no further business at this time,

On MOTION by Mr. Holland seconded by Mr. Mena with all in favor the meeting was adjourned.

Kenneth Cassel
Assistant Secretary

Martin Shank
President

Fifth Order of Business

RESOLUTION 2012-3

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF
THE CORAL SPRINGS IMPROVEMENT DISTRICT
APPROVING THE PROPOSED WATER AND SEWER
BUDGET FOR FISCAL YEAR 2013 AND SETTING A PUBLIC
HEARING THEREON PURSUANT TO FLORIDA LAW**

WHEREAS, the District Manager has heretofore prepared and submitted to the Board a proposed Water and Sewer Budget for Fiscal Year 2013; a copy of which is attached hereto as Exhibit A ("Budget"), and

WHEREAS, the Board of Supervisors has considered said proposed Budget and desires to set the required public hearing thereon;

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT, THAT:

Section 1. The recitals above are true and correct and are hereby made a part of this Resolution.

Section 2. The Budget proposed by the District Manager for Fiscal Year 2013 is hereby approved as the basis for conducting a public hearing to adopt said budget.

Section 3. A public hearing on said approved Budget is hereby declared and set for the following date, hour and place:

Date: August 20, 2012
Hour: 4:00 p.m.
Place: District Offices
10300 N.W. 11th Manor
Coral Springs, Florida 33071

Section 4. The District Manager shall publish or have published notice of this public hearing in the manner prescribed by law.

Section 5. This resolution shall become effective immediately upon its adoption.

PASSED AND ADOPTED by the Board of Supervisors of the Coral Springs Improvement District, this 16th day of July, 2012.

Martin Shank, President

Kenneth Cassel, Assistant Secretary

Exhibit A

Proposed Water and Sewer Budget for Fiscal Year 2013

Coral Springs Improvement District

**Water and Sewer
Enterprise Fund**

**Proposed Budget
FY 2012/2013**

**July 16, 2012
Board of Supervisors Meeting**

**Coral Springs Improvement District
Water and Sewer Enterprise Fund**

**Proposed Budget
Fiscal Year Ending 2013**

Description	Adopted Budget FYE 2012	Actual thru 4/30/2012	Projected Next 5 Months	Total Projected thru 9/30/2012	Proposed Budget FYE 2013
REVENUES:					
Water Revenue	\$ 6,454,741	\$ 3,662,545	\$ 2,616,104	\$ 6,278,649	\$ 6,467,008
Sewer Revenue	5,752,109	3,314,793	2,367,709	5,682,502	5,852,977
Line Connection Fees	-	-	-	-	-
Facility Connection Fees	-	300	-	300	-
Meter Fees	1,000	1,923	1,374	3,297	1,000
Standby Revenue	1,872	1,465	1,046	2,511	1,872
Delinquent Fees	50,000	32,160	22,971	55,131	50,000
Processing Fees	12,000	9,320	6,657	15,977	12,000
Lien Revenue Fees	9,000	7,375	5,268	12,643	9,000
Rent Revenue	53,714	31,333	22,381	53,714	53,911
Technology Sharing Revenue	21,138	12,331	8,807	21,138	21,138
Contract Accounting Services	54,600	31,850	22,750	54,600	-
Contract HR & Payroll Services	63,490	37,036	26,454	63,490	10,805
Contract Utility Billing Services	194,751	109,767	84,984	194,751	48,358
Interest Income-Restricted	-	9,084	6,489	15,573	-
Interest Income-Operations	-	13,418	9,584	23,002	-
Misc. Revenue	12,000	10,598	1,402	12,000	12,000
Renewal & Replacement	-	-	-	-	467,800
Carryforward of Prior Year Fund Balance	268,196	-	-	-	67,685
Total Revenues	12,948,611	7,285,298	5,203,980	12,489,278	13,075,554
EXPENDITURES:					
Debt Service:					
Principal					
2002 Series	1,815,000	1,058,750	756,250	1,815,000	1,880,000
2007 Series	-	-	-	-	-
Interest					
2002 Series	214,748	125,270	89,478	214,748	148,500
2007 Series	1,978,156	1,153,924	824,232	1,978,156	1,978,156
Sub-Total Debt Service	4,007,904	2,337,944	1,669,960	4,007,904	4,006,656

Coral Springs Improvement District
Water and Sewer Enterprise Fund

Proposed Budget
Fiscal Year Ending 2013

Description	Adopted Budget FYE 2012	Actual thru 4/30/2012	Projected Next 5 Months	Total Projected thru 9/30/2012	Proposed Budget FYE 2013
Administrative:					
Salaries and Wages	593,289	332,778	244,037	576,815	569,960
Temporary Help	-	-	-	-	-
Special Pay	1,695	1,659	-	1,659	1,853
FICA Taxes	45,389	25,213	18,490	43,703	43,601
Pension Expense	35,599	19,057	13,975	33,032	56,996
Health Insurance	121,417	67,093	47,924	115,017	102,481
W. C. Insurance	2,882	1,154	488	1,642	2,735
Unemployment Compensation	6,000	5,500	3,929	9,429	3,000
Legal Fees	36,000	12,156	10,000	22,156	30,000
Engineering Fees	12,000	9,870	2,130	12,000	12,000
Annual Audit	11,340	11,340	-	11,340	11,640
Actuarial Computation-OPEB	1,800	-	-	-	1,800
Trustee/Other Debt Expenses	19,346	5,033	3,595	8,628	18,900
Management Fees	89,532	52,232	37,300	89,532	92,218
Special Consulting Services	50,000	1,505	1,075	2,580	50,000
Electronic Document Storage (EDS)	20,000	-	20,000	20,000	20,000
Travel & Per Diem (Board)	5,000	207	148	355	5,000
Telephone Expense	28,665	3,354	2,396	5,750	7,200
Computer/Technology Expenses	42,726	20,637	14,741	35,378	40,000
Communication Expenses	6,000	-	-	-	-
Postage	50,715	27,759	19,828	47,587	50,000
Electric	19,141	7,329	5,235	12,564	14,400
Rentals and Leases	3,780	1,974	1,410	3,384	3,600
Insurance	17,199	8,106	5,790	13,896	19,779
Repair and Maintenance	24,460	4,752	3,394	8,146	18,460
Printing & Binding	35,490	12,216	8,726	20,942	24,000
Legal Advertising	2,400	1,382	987	2,369	2,400
Merchant Fees	35,000	29,545	21,104	50,649	48,000
Office Supplies	9,828	11,668	8,334	20,002	10,000
Dues, Subscriptions, et al	4,580	3,929	2,806	6,735	6,000
Other Current Charges	24,000	28,734	20,524	49,258	24,000
Promotional Expenses	-	9,912	7,080	16,992	18,000
Capital Outlay	20,000	1,283	916	2,199	5,000
Sub-Total Administrative	1,375,273	717,377	526,362	1,243,739	1,313,023

**Coral Springs Improvement District
Water and Sewer Enterprise Fund**

Proposed Budget
Fiscal Year Ending 2013

Description	Adopted Budget FYE 2012	Actual thru 4/30/2012	Projected Next 5 Months	Total Projected thru 9/30/2012	Proposed Budget FYE 2013
Plant Operations					
Salaries and Wages	1,250,749	681,744	509,185	1,190,929	1,426,163
Special Pay	2,327	2,226	-	2,226	2,653
FICA Taxes	95,282	52,324	39,078	91,402	106,871
Pension Expense	74,731	36,993	27,646	64,639	131,731
Health Insurance	286,487	139,474	99,624	239,098	280,333
W.C. Insurance	52,562	16,404	6,940	23,344	58,952
Water Quality Testing	154,241	62,896	44,926	107,822	163,174
Naturescape Irrigation Service	3,809	-	-	-	3,000
Sludge Management-Water	42,806	27,405	19,575	46,980	58,954
Sludge Management-Sewer	125,080	44,634	31,881	76,515	125,083
Telephone	8,700	5,378	3,841	9,219	9,240
Electric	772,636	342,864	244,903	587,767	848,209
Insurance	230,146	102,533	73,238	175,771	264,668
Repair & Maint-General	417,564	203,499	145,356	348,855	344,964
Repair & Maint-Plant E	306,500	-	306,500	306,500	-
Repair & Maint-Filters for Water Plant	326,000	-	163,000	163,000	180,452
Office Supplies	3,000	4,039	2,885	6,924	6,900
Oper Supplies-General	19,500	50,943	36,388	87,331	21,500
Oper Supplies-Motor Fuels	176,295	2,314	174,653	176,967	176,295
Oper Supplies-Uniforms	10,000	4,259	3,042	7,301	7,000
Chemicals	631,166	236,613	169,009	405,622	480,860
Advertisement (Employment)	3,200	4,199	2,999	7,198	6,000
Dues, Subscriptions, Etal	30,031	4,309	3,078	7,387	30,031
Renewal & Replacement Expense	-	-	-	-	467,800
Capital Outlay	518,300	7,933	459,367	467,300	336,546
Sub-Total Plant Operations	5,541,112	2,032,983	2,567,114	4,600,097	5,537,379

Coral Springs Improvement District
Water and Sewer Enterprise Fund

Proposed Budget
Fiscal Year Ending 2013

Description	Adopted Budget FYE 2012	Actual thru 4/30/2012	Projected Next 5 Months	Total Projected thru 9/30/2012	Proposed Budget FYE 2013
<u>Field Operations</u>					
Salaries and Wages	648,312	309,192	231,076	540,268	637,030
Temporary Help	37,440	-	-	-	37,440
Special Pay	1,700	2,067	-	2,067	2,086
FICA Taxes	52,059	23,811	17,793	41,604	48,330
Pension Expense	38,584	16,240	12,133	28,373	58,660
Health Insurance	149,270	84,916	60,654	145,570	158,349
W.C. Insurance	39,877	10,439	4,417	14,856	37,024
Telephone Expense	11,400	5,140	3,500	8,640	10,800
Electric	123,600	76,980	55,775	132,755	132,000
Insurance	39,312	10,403	2,780	13,183	30,000
Repairs and Maintenance	196,582	94,921	67,801	162,722	199,846
Rent Expense-SCADA	50,000	19,300	40,700	60,000	60,000
Office Supplies	2,100	4,117	2,941	7,058	4,800
Oper Supplies-General	17,500	29,000	20,714	49,714	18,500
Oper Supplies-Motor Fuels	42,275	31,495	22,496	53,991	42,275
Oper Supplies-Uniforms	5,394	2,798	1,999	4,797	5,394
Dues, Licenses, & Schools	6,845	1,576	1,126	2,702	3,600
Meters-Replacement Program	55,000	7,169	47,831	55,000	95,496
Meters-New Connections	2,000	2,396	1,711	4,107	4,100
Meters-Supply Costs	6,000	462	330	792	1,000
Capital Outlay	98,281	25,567	57,714	83,281	231,100
Renewal & Replacement	-	71,669	-	71,669	-
Sub-Total Field Operations	1,623,531	829,658	653,491	1,483,149	1,817,830
Total Operating Expenditures	8,539,916	3,580,018	3,746,967	7,326,985	8,668,232
Required Reserve for Renewal and Replacement	-	-	-	-	-
Total Operating Expenditures & Reserves	8,539,916	3,580,018	3,746,967	7,326,985	8,668,232
Available for Debt Service	4,408,695	3,705,280	1,457,013	5,162,293	4,407,322
Debt Coverage Required 1.10				1.29	1.10
Debt Service Requirement 1.00	4,007,904			4,007,904	4,006,656
Projected Surplus .10	\$ 400,791			\$ 1,154,389	400,666
	4,408,695				4,407,322

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

REVENUES:

Water Revenue

The estimated amount that will be billed to users of the water system of the District is determined by the utility rate agreement. Based on prior year revenues the water revenues are projected to be \$6,467,008.

Sewer Revenue

The estimated amount that will be billed to users of the wastewater system of the District is determined by the utility rate agreement. Based on prior year revenues the sewer revenues are projected to be \$5,852,977.

Line Connection Fees

Represents the amount collected for new connections. The amount projected for this Fiscal Year is zero and is based on no new connections.

Facility Connection Fees

Represents the amount collected for new connections. The amount projected for this Fiscal Year is zero and is based on no new connections.

Meter Fees

Represents the amount collected for meter fees based on the size of the meter. This Fiscal Year the amount projected is based on \$1,000 for a single family residence.

Standby Revenue

The standby charge is applied to each lot, parcel or tract, which has been reserved for water and sewer capacity. The standby charges for this Fiscal Year are based on 6 units per month @ \$26 per unit. The amount projected for this Fiscal Year is \$1,872.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

REVENUES (Continued):

Delinquent Fee Revenue

The District levies a \$20 late fee to customers who receive a hand delivered delinquent notice and disconnect notice on their account. Based on the history of delinquent accounts in the past the projected amount for this fiscal year is \$50,000.

Processing Fee Revenue

A processing fee of \$20 is charged to each new utility account. Based on the District's history of new accounts, the projected amount for this fiscal year is \$12,000.

Lien Information Fees

The Board adopted a \$25 charge for an estoppel letter. Based on the prior years' history of estoppel letters, the estimated amount for this fiscal year is \$9,000.

Rent Revenue

This line item represents the lease of office space to perform work on other District's. The total revenue from this source is \$53,911.

Technology Sharing

The District owns an IBM AS-400 computer system as well as a suite of proprietary software programs. Technology sharing is the revenue associated with the performance of duties on the Districts system, phone, fax, ISP and other technology hardware, used for the benefit of the District. The amount being reimbursed by other funds is \$21,138.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

REVENUES (Continued):

Contract HR & Payroll Services

The District provides human resource and payroll services to other Districts based on fees established under interlocal agreements. Budgeted fees are \$10,805.

Contract Utility Billing Revenue

The District contracts out utility billing services for the benefit of cost sharing. This fiscal year the District expects to receive \$48,358.

Interest Income

Interest is earned on cash balances in the District's funds on deposit in checking, money market, trust accounts, and various certificates of deposit. Due to the current low interest rate environment, no interest is being budgeted.

Misc. Revenues

Represents miscellaneous fees charged to customers for NSF, meter boxes, repairs and other services provided to customer by the District. Based on prior years' experience, this amount is projected to be \$12,000.

Renewal & Replacement

Funds accumulated in prior years will be used in the budget year for payment of various renewal and rehabilitation projects.

Carryforward of Prior Year Fund Balance

The District is anticipating using funds accumulated in prior years in the amount of \$67,685.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

ADMINISTRATION EXPENDITURES:

Debt Service:

Principal & Interest Expense

See Attached Schedules, Exhibits "A" and "B".

Administrative:

Salaries and Wages

The amount projected for this Fiscal Year is based on a salary increase no greater than 5%. Each employee will be evaluated in September to determine their actual increase. The total amount of wages for this Fiscal Year is \$569,960.

Special Pay

Special pay is a holiday bonus based on the employee's number of years of service. This years expense is \$1,853.

FICA Taxes

FICA tax is established by law and the current rate is 7.65%. Based on salaries of \$569,960 the amount projected for FICA tax is \$43,601.

Pension Expense

The pension plan was established whereby the employer contributes 6.0% of each employee's salary into a pension plan with another 4% available to match contributions made by the employee to the same plan. Based on salaries of \$569,960 the amount projected for pension expense is \$56,996.

Health Insurance

The District offers each employee Health, Life, Dental and Disability Insurance. The amount budgeted is \$102,481.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

ADMINISTRATION EXPENDITURES (Continued):

Worker's Compensation Insurance

The District Worker's Compensation policy is currently with Preferred Governmental Insurance Trust. Based on a rate of .48% the projected amount for this Fiscal Year is \$2,735.

Unemployment Compensation

Unemployment compensation is expected to be \$3,000.

Legal Fees

The District currently has a contract with Lewis, Longman and Walker, PA as legal counsel for the District. This contract includes preparation for monthly board meetings, contract review, etc. In addition, the District expects to have additional expenses with changes to District codification. This year's budget is not expected to exceed \$30,000.

Engineering Fees

The District currently has a contract with Globaltech, to provide general engineering services not related to or associated with any specific capital improvement project. The contract includes preparation for monthly meetings, monthly reporting, and responses to requests from the Board. Based on anticipated general engineering work the fees are not expected to exceed \$12,000.

Annual Audit

The District's auditing firm is Keefe, McCullough & Co., LLP. Based on the current activity level this amount should not exceed \$11,640.

Actuarial Computation-OPEB

Florida state statutes require the employer to make health coverage available to retirees at the employer's group rate. GASB 45 requires a periodic actuarial assessment of the cost and liability associated with these benefits. The budgeted fee is \$1,800.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

ADMINISTRATION EXPENDITURES (Continued):

Trustee Fees/Other Debt Expense

This expense includes charges associated with the currently existing outstanding bond issues. Pending bond fees & arbitrage costs are not included in this listing.

Trustee Fees	2002 Series	3,300
	2007 Series	10,800
Dissemination Fees	2002 Series	1,000
	2007 Series	1,000
Arbitrage Rebate	2002 Series	1,400
	2007 Series	1,400
Total Expenses		\$18,900

Management Fees

This service includes an annual 3% increase for the management and financial advisory services provided to the District under the Management Contract with Severn Trent Services. This fiscal year the expense is \$92,218.

Special Consulting Services

The District may need to engage a consultant that specializes in legislative codification matters that amend bringing current certain District limitations. Included in the current limitations are bidding threshold requirements, efficiencies gains and benefits inherent in contract administrations and supervisor compensation levels. The anticipated cost for these special services is \$50,000.

Electronic Document Storage (EDS)

Products and Services needed to reliably and permanently store information and satisfy regulatory requirements for data and disaster recovery. The budget amount for this fiscal year should not exceed \$20,000.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

ADMINISTRATION EXPENDITURES (Continued):

Travel and Per Diem

This expense represents travel expenses for the Board of Supervisor's. The budgeted amount for this fiscal year is \$5,000.

Telephone

Telephone Service, fax machine and long distance calls are included under this expense. Based on the prior years' experience the amount should not exceed \$7,200.

Computer/Technology Expenses

This represents monthly software support & additional computer project support for this fiscal year \$40,000.

Communication Expenses

This category consists of web site setup and operation, media/public relations, etc. No amount has been budgeted for this budget year.

Postage

Mailing of agenda packages, overnight deliveries, correspondence, utility bills, etc.

Utility Billing	\$33,800
Administrative	3,000
Accounting/Finance	3,200
Special Mailings	<u>10,000</u>
Total	\$50,000

Electric

This expense includes the electric service for the Administrative Building. Based on prior years' expense the projected amount for this Fiscal Year is \$14,400.

Rentals and Leases

The following charges are being budgeted in the fiscal year:

Copier Lease	\$ 2,900
Mail Machine	<u>700</u>
Total	\$ 3,600

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

ADMINISTRATION EXPENDITURES (Continued):

Insurance

The District retains Egis Insurance & Risk Advisors as our Insurance Agent, who on a yearly basis arranges the placement of the District insurance for property, general liability, and inland marine coverage. The expected amount for this Fiscal Year should not exceed \$19,779.

Repair and Maintenance

The following expenses are anticipated for Fiscal Year 2012/2013.

Pest Control	\$ 1,920
Carpet Cleaning	3,680
Office Machine's Maintenance	960
Window Cleaning	1,440
Locksmith, Security Co. etc.	600
Marble Cleaning	1,600
A/C Contract & Repairs	4,260
Other Repairs & Maintenance	4,000
Total	\$ 18,460

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

ADMINISTRATION EXPENDITURES (Continued):

Printing and Binding

Stationary, utility billing forms, personnel forms, envelopes, photocopies, etc.

Utility Billing	\$ 5,135
Administrative	1,475
Accounting	2,250
Annual Water Quality Report	4,410
Personnel Department	3,460
Marketing Materials	1,200
Newsletter	6,070
Total	<u>\$24,000</u>

Legal Advertising

The District does most of its legal advertising in the Sun-Sentinel. Expenses include monthly meetings, special meetings, public hearings, request for bids, etc. Based on prior years' experience the amount should not exceed \$2,400.

Merchant Fees

The District is charged monthly administrative fees as well as individual transaction fees on all credit card payments we receive. Based on last year's experience the projected amount should not exceed \$48,000.

Office Supplies

Accounting, Utility Billing and Administrative Supplies such as printer cartridges, file cabinets, computer supplies, file folders, pens, pencils, cleaning supplies, paper products, etc. Based on historical experience the amount should not exceed \$10,000.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

ADMINISTRATION EXPENDITURES (Continued):

Due, Subscriptions, Memberships

This item includes miscellaneous publications such as GAAP Guide, Florida Statutes, etc. This expense also includes the cost for employee schooling and training courses. Based on prior years experience the amount should not exceed \$6,000.

Other Current Charges

Bank charges and any other miscellaneous expenses that occur during the year as follows:

Meeting Refreshments	\$ 151
Security Signature Plates	1,050
Phone System Computer Boards	5,250
Monitoring Fees	844
Pension Plan Admin costs	4,473
Employment & Drug Screening	3,024
De minimus Employee Benefits	1,512
Cleaners/Pest Control/etc.	1,260
Customer Interest Expense (Misc. Other)	6,436
TOTAL	\$ 24,000

Promotional Expenses

The District is budgeting \$18,000 for the budget year.

Capital Outlay

Capital outlay of \$5,000 is needed to purchase a new utility billing equipment.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-PLANT OPERATIONS:

Salaries and Wages

The amount projected for this Fiscal Year is based on their increase of 5%. Each employee will be evaluated in September to determine their actual increase. The total amount of wages for this Fiscal Year is \$1,426,163.

Special Pay

Special pay is a holiday bonus based on the employee's number of years of service. This year's expense is \$2,653.

FICA Taxes

FICA tax is established by law and the current rate is 7.65%. Based on salaries of \$1,426,163 the amount projected for FICA tax is \$106,871.

Pension Expense

The pension plan was established whereby the employer contributes 6.0% of each employee's salary into a pension plan with another 4% available to match contributions made by the employee to the same plan. Based on salaries of \$1,426,163 the amount projected for pension expense is \$131,731.

Health Insurance

The District offers each employee Health, Life, Dental and Disability Insurance. The amount budgeted is \$280,333.

Worker's Compensation Insurance

The District Worker's Compensation policy is currently with Preferred Governmental Insurance Trust. Based on a rate of 4.22% the projected amount for this Fiscal Year is \$58,952.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-PLANT OPERATIONS (Continued):

Water Quality Testing

Water Quality Testing is provided by Florida Spectrum Environmental Services, Inc. This Fiscal Year the projected amount for water quality testing is \$163,174

Naturescape Irrigation Service

Annual fee of \$3,000 is paid to Broward County for the operation of the Naturescape irrigation service..

Sludge Management

Century Building provides the District with lime sludge removal. H & H Sludge provides the District with waste sludge removal. The following amounts are projected for the upcoming fiscal year.

<u>Sludge Management - Water</u>	\$ 58,954
<u>Sludge Management - Sewer</u>	\$ 125,083

Telephone

Telephone charges for this Fiscal Year include Bellsouth phone service for Water and Wastewater offices and Nextel phone services. The projected amount for this fiscal year is \$9,240.

Electric

The electric requirements for the plant facility and wells are based upon the operating history. Based on prior year's expense the projected amount for this Fiscal Year is \$848,209.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-PLANT OPERATIONS (Continued):

Insurance

The District retains Egis Insurance & Risk Advisors as our Insurance Agent, who on a yearly basis arranges the placement of the District insurance for property, general liability, and inland marine coverage. The expense should not exceed \$264,668.

Repairs and Maintenance-General

Repair and maintenance expenses anticipated to be spent in the fiscal year are as follows:

<u>General</u>	
Waste Management-Trash Pick up	\$ 5,796
Lawn Maintenance Contract/Pest Control	49,725
Small Tools	2,000
Vehicle Maintenance	1,655
<u>Water Department</u>	
Well & Wellfield Maintenance	57,950
Generator Maintenance & Repair	10,625
Instrument and Control Repairs	26,000
Semi-Annual Vibration Analysis Program	5,000
Vehicle Maintenance	2,100
Ground Storage Tank Cleaning/Certification	15,000
Facility Maintenance	26,000
<u>Wastewater Department</u>	
Semi-Annual Vibration Analysis Program	9,000
Tank Cleaning	30,000
Vacuum Truck Service	6,800
Generator Maintenance	9,673
Vehicle Maintenance	2,640
Meter Calibration	5,000
Other Facility Maintenance	<u>80,000</u>
Total Repairs and Maintenance	\$ 344,964

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-PLANT OPERATIONS (Continued)
--

Repairs and Maintenance-Filters for Water Plant

Budgeted replacement costs for various filters for the new water plant are \$180,452.

Office Supplies

Paper, pens, folders, and other office supplies. The projected amount for this fiscal year is \$6,900.

Operating Supplies-General

General operating supplies include laboratory chemicals and miscellaneous tools and equipment. The projected amount is \$21,500.

Operating Supplies-Motor Fuels

Motor fuels include gasoline and diesel fuel needed for the operation of auxiliary generators. The projected amount is \$176,295.

Operating Supplies-Uniforms

Uniform purchases and rentals and safety boot allowances are budgeted at \$7,000.

Chemicals

The amount projected to be spent in this fiscal year is \$480,860.

Advertisement

This expense represents the costs to advertise for Water and Wastewater Treatment Plant Operators. Based on prior year's experience this amount should not exceed \$6,000.

Dues, Licenses, Schools

This expense represents costs for license renewals, subscriptions, and employee licensing, books and schooling required to maintain licenses to operate for plant employees. The projected amount for this fiscal year is \$30,031.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-PLANT OPERATIONS (Continued)
--

Renewal & Replacement

The District is budgeting \$467,800 for various utility related rehabilitation projects.

Capital Outlay

The District has entered into an interlocal agreement with the City of Coral Springs which would provide bulk potable water to each during times of emergency. Construction and engineering costs for this project are to be shared equally between Coral Springs Improvement District and the City of Coral Springs. Additionally, the District is budgeting amounts to construct new wastewater projects. The total amount budgeted is \$336,546.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-FIELD OPERATIONS

Salaries and Wages

The amount projected is based on an increase of 5%. Each employee will be evaluated in September to determine their actual increase. The total amount of wages for this fiscal year is \$637,030.

Temporary Help

Temporary part-time assistance in the residential meter replacement program is budgeted for \$37,440.

Special Pay

Special pay is a holiday bonus based on the employee's number of year's of service. This year's expense is \$2,086.

FICA Taxes

FICA tax is established by law and currently is 7.65%. Based on salaries of \$637,030 the amount projected for FICA tax is \$48,330.

Pension Expense

The pension plan was established whereby the employer contributes 6.0% of each employee's salary into a pension plan with another 4% available to match contributions made by the employee to the same plan. Based on salaries of \$637,030 the amount projected for pension expense is \$58,660.

Health Insurance

The District offers each employee Health, Life, Dental and Disability Insurance. The amount budgeted is \$158,349.

Worker's Compensation Insurance

The District Worker's Compensation policy is currently with Preferred Governmental Insurance Trust. Based on a rate of 5.86% the projected amount is \$37,024.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-FIELD OPERATIONS (Continued):

Telephone Expense

Telephone and fax machine are budgeted annually. Based on prior year's experience the amount should not exceed \$10,800.

Electric Expense

The electric requirements (for Lift Stations) are based upon the operating history. Based on prior years' expense the projected amount for this fiscal year is \$132,000.

Insurance

The District retains Egis Insurance & Risk Advisors as our Insurance Agent, who on a yearly basis arranges the placement of the District insurance for property, general liability, and inland marine coverage. The expected amount for this Fiscal year should not exceed \$30,000.

Repair and Maintenance

Following is a listing of the different repairs and maintenance needed for field operations maintenance.

Vehicle Maintenance	\$ 15,000
Lift Station Pump Repairs/Cleaning	71,350
Fire Hydrant Maintenance	4,404
Fire Hydrant Painting	1,000
Valve Identification & Insert Program	45,000
Back Hoe Maintenance	5,000
Street/Driveway Paving Repairs	37,000
Portable Generator Service	3,592
Other Repairs & Maintenance	<u>17,500</u>
Total	\$ 199,846

Rent Expense-SCADA

The District will install and rent components for telemetry lift-station operation and monitoring for \$60,000.

Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013

EXPENDITURES-FIELD OPERATIONS (Continued):

Office Supplies

Paper, pens, folders, and other office supplies. The projected amount for this fiscal year is \$4,800.

Operating Supplies-General

General operating supplies include laboratory chemicals and miscellaneous tools and equipment. The projected amount is \$18,500.

Operating Supplies-Motor Fuels

Motor fuels include gasoline and diesel fuel needed for the operation of portable generators. The projected amount is \$42,275.

Operating Supplies-Uniforms

Uniform purchases and rentals and safety boot allowances are budgeted at \$5,394.

Dues, Licenses, Schools

This expense represents the cost for license renewals, subscriptions, and employee licensing, books and schooling required to maintain their license to operate. The projected amount is \$3,600.

Meters-Replacement Program

This program was setup to replace old meters. The projected amount for this fiscal year is \$95,496 for replacement of both commercial and residential meters.

Meters-New Connections

Budgeted costs of new meters to be installed throughout the year are \$4,100.

Meters-Supply Costs

This expense is for the costs of supplies needed to install both replacement and new meters throughout the year. The cost is estimated to be \$1,000.

**Coral Springs Improvement District
Water and Sewer Enterprise Fund
Proposed Budget
Fiscal Year 2012 / 2013**

EXPENDITURES-FIELD OPERATIONS (Continued):

Capital Outlay

The purchase of field equipment is being budgeted in the amount of \$231,100.

Coral Springs Improvement District

\$9,120,000 Water And Sewer Revenue Refunding Bonds, Series 2002

Debt Service Schedule

Period Ending October 1	Principal Amount	Interest Amount	Total Debt Service
2003	\$160,000	\$173,616	\$333,616
2004	\$100,000	\$316,566	\$416,566
2005	\$310,000	\$314,916	\$624,916
2006	\$325,000	\$308,716	\$633,716
2007	\$335,000	\$300,998	\$635,998
2008	\$355,000	\$292,120	\$647,120
2009	\$65,000	\$281,470	\$346,470
2010	\$75,000	\$279,423	\$354,423
2011	\$1,750,000	\$276,873	\$2,026,873
2012	\$1,815,000	\$214,748	\$2,029,748
2013	\$1,880,000	\$148,500	\$2,028,500
2014	<u>\$1,950,000</u>	<u>\$78,000</u>	<u>\$2,028,000</u>
	\$9,120,000	\$2,985,945	\$12,105,945

Exhibit A

Coral Springs Improvement District

2007 Subordinate Water and Sewer Revenue Bonds

Debt Service Schedule

Period Ending October 1	Principal Amount	Interest Amount	Total Debt Service
2008	-	1,483,617	1,483,617
2009	-	1,978,156	1,978,156
2010	-	1,978,156	1,978,156
2011	-	1,978,156	1,978,156
2012	-	1,978,156	1,978,156
2013	-	1,978,156	1,978,156
2014	-	1,978,156	1,978,156
2015	1,125,000	1,978,156	3,103,156
2016	1,170,000	1,935,969	3,105,969
2017	1,215,000	1,889,169	3,104,169
2018	1,265,000	1,840,569	3,105,569
2019	1,320,000	1,785,225	3,105,225
2020	1,380,000	1,727,475	3,107,475
2021	1,440,000	1,667,100	3,107,100
2022	1,500,000	1,604,100	3,104,100
2023	1,565,000	1,538,475	3,103,475
2024	1,635,000	1,468,050	3,103,050
2025	1,710,000	1,394,475	3,104,475
2026	1,790,000	1,317,525	3,107,525
2027	1,870,000	1,236,975	3,106,975
2028	1,955,000	1,152,825	3,107,825
2029	2,045,000	1,059,963	3,104,963
2030	2,140,000	962,825	3,102,825
2031	2,245,000	861,175	3,106,175
2032	2,350,000	754,538	3,104,538
2033	2,460,000	642,913	3,102,913
2034	2,580,000	526,063	3,106,063
2035	2,700,000	403,513	3,103,513
2036	2,830,000	275,263	3,105,263
2037	2,965,000	140,838	3,105,838
	43,255,000	41,515,732	84,770,732

Exhibit B

Sixth Order of Business

To: Ken Cassel/CSID
Dan Daly/CSID
Paul Gandy, PE

CC: John McKune, PE

From: Troy Lyn, PE

Date: 7/10/12

Re: CSID WTP and WWTF Improvements Project – Cursory Review (Final)

Comments:

This memorandum highlights potential issues at the new Coral Springs Improvement District (CSID) membrane water treatment plant (WTP) based on a cursory review per CSID's request. The cursory review included examination of documents, two plant site visits and meetings with plant staff. The documents reviewed included the following:

- CSID Work Authorization 34. Prepared February 16, 2007, Dated February 28, 2007
- CSID Work Authorization 34.1. (New WWTP) Prepared August 3, 2007, Dated September 17, 2007
- CSID Work Authorization 34.2. (New NF WTP) Prepared August 3, 2007, Dated September 17, 2007
- CSID Work Authorization 34.3. (Piloting Services) Prepared July 10, 2008, Dated July 21, 2008
- Schematic Design Report (SDR) for WTP Improvements Dated January 2008
- CSID Well Hydraulics Evaluation TM Dated September 11, 2008 w/ field test data
- CSID Work Authorization 50. (WTP and WWTP Construction Management and SDC) Prepared January 12, 2008, Dated January 26, 2009
- CSID Nanofiltration Pilot Performance Results Dated December 11, 2009
- Contract Documents for the construction of the WTP and WWTP Improvements Dated September 2008
- CSID Bullet Points of Plant Staff Comments received January 11, 2012

Under this cursory review not all the addendums and subsequent revisions of these documents, or meeting minutes involving design changes or pertinent decisions were provided to Globaltech. As such, the issues presented below should be further vetted but are believed to be significant enough to be highlighted here.

Source Water Deficiencies. The membrane plant is to provide a total finished water flow of 7.4 mgd by a combination of membrane permeate and raw water (Biscayne Aquifer) bypass blend. While the amount of membrane permeate and raw water bypass blend varied through the Schematic Design Report (SDR), the contract documents indicate that three (3) 2.25 mgd membrane trains (total permeate of 6.75 mgd) operating at a minimum of 85% recovery are to be provided. For the membrane trains alone, the raw water requirement is 7.94 mgd ($6.75/0.85$). To achieve the total finished flow of 7.4 mgd, a bypass blend of 0.65 mgd ($7.4 - 6.75 = 0.65$) would be required. The minimum raw water requirement would therefore be 8.59 mgd ($7.94 + 0.65$).

The design of the membrane treatment system, and the hydraulic model prepared September 2008 by CH2M HILL assumed that the source water was to be a combination of Biscayne Aquifer and Floridan Aquifer water. However, only the 11 existing Biscayne Aquifer wells from the existing lime plant are available to provide raw water to the RO plant. No Floridan Aquifer water source was actually developed. The documents provided by CSID indicate that a Floridan Aquifer well would be needed to provide adequate flow to the membrane system but did not identify when or how. Staff has indicated that the Floridan Aquifer well was eliminated when the South Florida Water Management District (SFWMD) approved a new Consumptive Use Permit allowing sufficient water withdrawal from the Biscayne Aquifer to supply the membrane plant.

The potential source water deficiencies are as follows:

- **Mechanical** – To produce 7.4 mgd of finished water currently, the only water source available is the existing Biscayne Aquifer wells. Operational testing on January 20, 2011 with all 11 wells marginally provided water to the membrane system with all three trains operating. Bypass flow was not attempted with three trains in operation. Bypass operation was achieved with two trains operating. With all 11 wells in service and three trains operating (7.94 mgd) there would be no redundant wells in case of maintenance or needed repairs. Also, the startup and testing was conducted with clean cartridge filters (0.8 to 1.2 psi differential). Under these conditions, membrane feed pump suction pressure was approaching low alarm conditions. Additional run time and increasing pressure loss across the cartridge filters would not allow continued operation.

It also appeared during the operational testing that some wells were at their pumping limit and possibly dead heading as engaging the last few pumps brought little change in flow and pressure.

Based on the documents reviewed, it is also a concern that the well drawdowns might be close to the pump setting depth which could cause the pumps to entrain air or cause the pump motor to overheat.

The well pumps provide pressure for the sand strainers and cartridge filtration prior to membrane feed pumping. To backwash properly, the sand strainers need at least 30 psi on the sand strainer effluent (30 psi per the manufacturer's O&M manual, 28 psi per the design specifications). This parameter should be noted in the O&M manual as a minimum operating criteria and the plant screen display modified to display the value accordingly. With three trains running, the existing well pumps cannot provide adequate pressure.

While a hydraulic evaluation (*CSID Well Hydraulics Evaluation TM* dated September 11, 2008) was conducted by CH2M Hill, it may not have adequately accounted for the losses in the sand strainer and cartridge filter and did not look at the well pump settings in relation to the well drawdown. The minimum required pressure upstream of the sand filters is 40.3 psi. This is arrived at by adding the normal operating range of 7 psi pressure drop to the clean filter loss of 3.3 psi (per the mfr's O&M) plus 30 psi minimum effluent for backwash supply for the sand strainers. The actual pressure may be higher if the downstream cartridge filter pressure differential of 10 psi is added to the desired membrane feed pump suction pressure of 25 psi. This would yield a sand filter inlet pressure of 45.3 psi. However, for normal operation, the minimum inlet pressure is 40.3 psi. The model also assumed that a Floridan Aquifer well would be available to provide additional flow which is not currently available. The following red flags were apparent in the model prepared by CH2M Hill (9/2008):

- (1) According to the field data of 2/26/2008 the wells in operation exhibited discharge pressures of between 15 psi and 30 psi, insufficient to meet the above criteria. Various

data provided with the model indicates scenarios in which lower flows yield higher discharge pressures but not all wells can meet the above criteria.

- (2) During testing, at least four wells exhibit drawdown levels at the stated pump settings. The model displays five pumps with drawdowns which exceed the pumps setting depths. There is no mention of lowering the pump settings to accommodate the new conditions.
- (3) Nearly all of the model runs indicate conditions which fall short of the minimum requirement of 40.3 psi. The *Comments and Recommendations* state that the design flow of 6.2 to 6.97 mgd to the sand strainers at a feed pressure of 30 psi can be achieved without booster pumping. The 30 psi goal is not the proper criteria.
- (4) When it became known that the Floridan Aquifer well would not be installed the model should have been revisited at the required flow of 8.59 mgd as this flow would be required from the Biscayne wells.
- (5) It should also be noted that information contained in the well census is contradictory to information contained in the *SDR Overall Project Definition* tab.

Additional hydraulic modeling of the existing raw water well system was conducted by Globaltech which considered various operating conditions and using the new installed equipment at the RO plant. Based on the results of the model it will be necessary to phase in new well pumps with larger capacities. A sequencing schedule and pump selection recommendation is being prepared by Globaltech and plant staff.

- **Broward Health Department/FDEP Permitted Plant Capacity** – Based on information from staff, the operating capacity of the plant will be limited by BCHD/FDEP to two trains operating given the current limitation on the source water. Whether the permit includes the installation of a Floridan Aquifer well should also be checked.
- **Water Quality** – The existing wells and well piping have sand and other debris. Sand strainers and cartridge filtration were designed into the system to address this issue. However the extent of the sand issue was not defined. CSID staff has flushed the line the raw water main where accessible.

Sand Strainer Flow Issue. Three (3) sand strainers were specified in the *Contract Documents* to have a **minimum** flow of 2,760 gpm/each (3.98 mgd). The earlier developed *SDR* indicated that the sand strainer is to have a **maximum** flow of 2,760 gpm with two (2) housings to be on duty and one (1) housing to be on standby to treat the raw water flow to the membrane trains. The suggested sand strainer in the *SDR* was a Hydac RF 3-3 which has a flow range of 2,420 to 3,780 gpm according to the Hydac brochure. The installed sand strainer is a Hydac RF 3-2.5 model in which the data sheet in the Hydac O&M manual located on-site has a **maximum** flow capacity of 2,760 gpm. The flow range listed in the Hydac brochure for the model RF 3-2.5 is 1,760 to 2,600 gpm. Issues that need to be investigated further include the following:

- The discrepancy on the specified flow rate per strainer of a **minimum** flow rate of 2,760 gpm versus the installed strainer flow rate of a **maximum** flow rate of 2,760 gpm needs to be evaluated.
- The discrepancy in the manufacturer's literature for the installed RF 3-2.5 model having a flow range of 1,760 to 2,600 gpm versus the maximum flow rate 2,760 gpm in the data sheet in the

O&M manual needs to be evaluated. Note that with the supplied strainer being one model capacity lower than that which was specified, the design flow rate results in a higher "clean" differential pressure and that higher value added to the 7 psi operating differential creates a higher pressure demand on the wellfield.

Sand Strainer Backflush Valve Slamming Issue. During the backflush cycle, the backflush valve slams. This can cause excessive wear and tear on the valve itself as well as the damage to the connected piping. The original piping layout in the *Contract Documents* drawings was not followed but should have minimized slamming. Hydac has made recommendations to install a vacuum relive valve directly pass the backflush valve on the downstream side to also alleviate the slamming.

Raw Water Bypass Blend Upstream of Sand Strainer Issue. During startup, the bypass blend cartridge filter was inundated with sand since the bypass blend line take off is located upstream of the sand strainer. An entire set of cartridge filters had to be changed out. Whether this situation will continue is unknown since the extent of the sand issue is unknown. Cleaning and inspecting the raw water line is being pursued by staff and should help. However, it would have been advantageous to locate the bypass blend line downstream of the sand strainer. Since the same 5-micron filters were specified for all cartridge filters, the same operational concerns apply. This is readily achievable in the constructed piping system. We can only surmised that this was not chosen as an option in the design because of the original location of the sulfuric acid and scale inhibitor addition which is shown in the *SDR* upstream of the sand strainer. It would have been wasteful to add sulfuric acid and in particular scale inhibitor to the raw water bypass. In the *Contract Documents*, the location of sulfuric acid and scale inhibitor injections points were shown downstream of sand strainer but the bypass blend line remained in the location shown in the *SDR*.

CSID could observe if sand clogging of the raw water bypass cartridge filter becomes an ongoing operational problem but we recommend the raw water bypass line be moved upstream of the sand strainer as it is easily accessible and should provide longer runs on the cartridge filter long term.

It will be important to confirm the capacity (and pressure loss) of the supplied sand strainers if the bypass flow is to be added upstream of the strainers.

Backwash Recovery Return. During discussions with staff it was noted that the lime softening backwash recovery return line may be connected to the raw water supply ahead of the RO plant. This line should be re-routed downstream of the RO plant and upstream of the lime softening plant to prevent unnecessary flows and potential TDS loading during the aforementioned simultaneous operation of both plants.

Degasifier Spare Blower. The *SDR* had recommended an uninstalled spare blower to be provided with the degasifier facility for redundancy. That provision does not appear to be in the *Contract Documents* specifications. A spare blower is recommended.

Degasifier Off-Gas Odor Control. The raw water quality provided in the *SDR* indicates raw water hydrogen sulfide ranging from 1.0 to 2.8 mg/L with an average concentration of 1.88 mg/L in the existing Biscayne Aquifer wells. While the membrane trains may remove a minor amount of hydrogen sulfide, similar concentrations found in the raw water will be found in the membrane permeate that is sent to degasification. The raw water bypass will also have hydrogen sulfide. Since the *SDR* and *Contract Documents* assumed a Floridan Aquifer well was also to be used, the degasifier was designed for an influent hydrogen sulfide concentration of 5 mg/L at 95% removal efficiency. Given the WTP is located in a residential neighborhood, odor control of the degasifier off gas is highly recommended. Dispersion by using taller stack(s) as recommended by CH2M HILL should help and could be tried.

The *SDR* and *Contract Documents* had provisions for odor control by biological scrubbers. We have not been provided any documents indicating why the odor control system was not to be installed in the final construction.

Note that the use of biological scrubbers has many maintenance advantages as opposed to chemical scrubbers. However, the biological scrubbers like a very consistent level of hydrogen sulfide. As trains are put on line and taken off line, sulfide odor may occur until the biological system can adjust to the loading. If the biological scrubber system is considered for use in the future, CSID may need to consider if periods of less efficient hydrogen sulfide removal can be tolerated. An activated carbon system might be an option to supplement the biological scrubber system as a second stage as originally indicated in the *SDR* to provide more complete hydrogen sulfide removal.

Please note that odor issues can also occur from the discharge of the membrane concentrate to the wastewater plant. Thus far the membrane concentrate discharge during the operation of the RO plant has not been reported to be causing an odor issue. This should be monitored as the RO plant comes on line for longer durations.

Acid System Issues. During startup, CSID staff indicated that both the raw water feed acid pumps (two pumps – 1 duty, 1 standby) and the post feed acid pumps (two pumps – 1 duty, 1 standby) did not appear to have adequate capacity. The pump heads on the raw water feed acid pumps have already been changed to a larger size from the initial installation. However, the larger pump heads still do not appear to be adequately sized as observed during our site visit on January 20, 2012. The post feed acid pumps were not operated during our site visit. With two or more membrane trains operating both of the raw water acid feed pumps are required leaving no installed spare backup. We note that with two trains running, 140% capacity of one acid feed pump is required. With three trains running, maintaining pretreatment pH levels is tenuous with both acid feed pumps running. CH2M Hill was reviewing the issue and was looking into larger pumps.

Please note that the sizing of the raw water feed acid pumps is dependent on the raw water quality and the membrane selection to determine the membrane manufacturer's ultimate feed water pH requirement. The *SDR* and *Contract Documents* assume the raw water would be a blend of Biscayne Aquifer and Floridan Aquifer raw water. Only Biscayne Aquifer raw water is currently being used. The *SDR* utilized DOW LE 400 membranes to determine the feed pH requirement while the current installation utilizes Toray elements. After the decision to eliminate the Floridan Aquifer well, and during submittal of the acid pumps, these assumptions should have been checked.

Membrane Feed Acid Pumps. There appears to be an error in the calculation for sizing the membrane feed acid pumps in the *SDR*. DOW projections estimated approximately 42 mg/L as 100% acid for the membrane feed to lower the pH from 7.31 to 6.74 (**Appendix B** of the *SDR Tab 1*) while **Table 4** of the *SDR Tab 5* indicated an average dose of 15 mg/l and a maximum dose of 25 mg/L. This lower dose estimated a maximum metering pump rate of 4.86 gph which is reflected in the *Contract Documents* Specification 44 44 13.01-01. Based on the DOW projection acid dose of 42 mg/L, the maximum pump rate without any contingency would be approximately 8.16 gph per pump. However, this rate might also be too low as the feed pH to the membrane trains are currently at a set point pH of 6.2 according to staff. Staff has indicated that the membrane feed pH may be increased to 6.7 in the future as CH2M HILL is looking into this.

Note that the actual acid feed pumps that were provided, and originally installed, were rated at a maximum flow rate of 5.5 gph. The pump heads were recently changed to provide 7.7 gph per pump. It appears that even if the membrane feed pH is raised to 6.7, the existing membrane feed acid pumps will be marginal at best to provide full installed redundancy with 1 pump in duty and the other in standby.

This issue needs to be investigated further to take into account the raw water changes and membrane selection from the original design.

Post Feed Acid Pumps. There also appears to be an error in the calculation in sizing the post acid feed pumps in the *SDR*. These pumps should be sized to lower the pH below 5.9 entering the degasifier. While there is not a clear description of how the acid dose for the post feed was determined, the acid feed rate is based only on the bypass blend rate of 0.65 mgd average and 1.40 mgd maximum flow and an average dose of 15 mg/L and maximum dose of 25 mg/L in **Table 4** of the *SDR Tab 5*. Based on the discussion above, the acid feed rate of 25 mg/L will not even achieve a pH of 6.2 if only added to the raw water. The lower dose of 25 mg/L might have been based on blending the raw water pass and the membrane permeate assuming the permeate pH would be 5.54 as indicated in the DOW projections in **Appendix B** of the *SDR Tab 1*. However, the post acid pump treats the entire flow from the membrane permeate and the bypass blend that can be up to 5.6 mgd average and 7.4 mgd maximum flow according to flow rate of the other post treatment chemicals listed in **Table 4** of the *SDR Tab 5* which would again require a much large acid pump rate. .

A pump with a maximum flow rate of 0.86 gph was identified in the *SDR* and in *Contract Documents* Specification 44 44 13.02-01. The installed post feed acid pumps each have a maximum flow rate of 1.1 gph according to the pump O&M manuals located at the site. At an average dose rate of 15 mg/L at 7.4 mgd, the post feed acid feed pump would require at least 2.58 gph which is provided only as a comparison as all the sizing assumptions need to be confirmed including the anticipated pH from the permeate from the Toray membranes.

Staff has reported that the post feed acid pumps have not been required so far to maintain a pH of 6.0 or lower going into the degasifiers. Therefore; the post feed pumps may be adequate. But a lot will depend on the operating feed pH to the membrane system. As the feed pH to the membrane system is increased, the permeate pH will increase and thus potentially requiring more post acid. The size of the post feed pumps are critical in reducing the pH for proper hydrogen sulfide removal so they should be monitored closely once the plant is on line. Should significant amounts of hydrogen sulfide remain in the water prior to chlorination, sulfur turbidity could form causing black water problems or sulfur bacteria growth in the distribution system. This issue should be monitored for now and check each time the feed water pH is increased.

Acid Bulk Storage. Since the dose rates were under estimated, the bulk storage is likely to be too small to provide 30 days of storage as required by Broward County Health Department/Florida Department of Environmental Protection. While **Table 5** of the *SDR Tab 5* identified two (2) 4134 gallon acid tanks to provide 117 days of storage, the *Contract Documents* specified a single 4,140 gallons bulk acid tank which appears to have been installed. Depending on what the final raw water membrane feed pH is to be, it could significantly affect the amount of acid required. At a pH of 6.2, almost 2.5 times the amount of acid is required than at a pH of 6.7. Based on the 88 mg/L of acid being used during the testing and an assumed post feed dose of 25 mg/L, the acid storage requirement for 30 days could be as much as 11,800 gallons assuming an average raw water flow rate of 6.0 mgd and average finished water flow rate of 5.6 mgd as indicated in the *SDR*. If the 42 mg/L of acid is required for the membrane feed and an assumed post feed dose of 25 mg/L, the acid storage requirement for 30 days could be as much as 6,910 gallons.

At this point in time, it appears the existing storage may not be enough to satisfy the 30 day bulk chemical storage requirement but all of the assumptions need to be confirmed with actual operating conditions. If the existing storage tank does not meet the storage requirement, not only will the bulk tank size need to be addressed but also the secondary containment basin requirements.

Chemical Totes. The original design specified the use of 300 gallon totes to be used for sodium

hydroxide, corrosion inhibitor, and scale inhibitor. These totes can weigh more than a ton. The totes were to be located on weight scales and were to be moved around on pallet jacks. Because the pallet jack cannot move the totes onto the weight scale, the system was changed during construction. Each scale is now equipped with a small tank. The liquid chemical from the totes is moved via drum pumps into each tank. This seems to have resolved the issue however, the sodium hydroxide system requires three totes and this requires multiple transfers and handling of potentially hazardous chemicals by staff. Smaller manned motorized pallet jacks could be used however we cannot be sure that the floor grating or door thresholds have been designed for this activity. A larger bulk tank would have been safer and more desirable.

Membrane System Feed Pumps. The membrane feed pumps and RO trains appear to be working adequately. However, because of the limitation of the existing raw water wells the membrane feed pumps are alarming on low suction pressure. The low feed pressures have the unintended consequence of cutting into the operating "head room" (available pressure range) of the membrane feed pumps which is reserved for future membrane fouling. Actual versus design future conditions should be re-evaluated given the observed raw water feed pressure limitations. This is primarily an issue with the back flushing of the sand strainers and existing well pump capacity.

It should also be noted that the membrane feed pumps and interstage boost pumps are operating at a low variable frequency drive percentage which has inherent inefficiencies. If only the Biscayne Aquifer water is to be used long term (5-year membrane life cycle), the pump design should be evaluated and optimized. The *SDR* indicates that the WTP is designed for a blended Floridan and Biscayne water quality and that if the only a Biscayne Aquifer is used that the RO feed pumps would need to be redesigned.

Chloramination Issues. Staff is concerned that once the membrane system is on line, there will be significant difficulties in producing chloramines for residual disinfection as currently practiced by CSID. This concern is well founded as the existing lime plant currently relies on the naturally occurring ammonia in the raw water and there are no provisions to add additional ammonia. Data provided by CSID staff indicates that ammonia concentration in the existing Biscayne Aquifer wells range from 0.27 to 0.59 mg/L and average approximately 0.4 mg/L. A sample from the membrane permeate was 0.091 mg/L.

The naturally occurring ammonia concentration provided by CSID in the raw water indicates the levels are already marginal to provide chloramines residual at concentrations of approximately 3 mg/L. Since the membrane system will remove ammonia as indicated by the low ammonia permeate concentration of 0.091 mg/L, the WTP will need to provide supplemental ammonia to continue to provide chloramine disinfection. Work is currently underway to add an ammonia sulfate system to provide supplemental ammonia by staff and Globaltech.

Only the addition of a sodium hypochlorite injection point to the degasified membrane permeate transfer pump line was discussed in the *SDR*. Not having enough ammonia to form chloramines was not evaluated. Note, for membrane treatment consideration only, ammonia is not typically considered a parameter of concern by the membrane manufacturer in their projection. No discussion on the residual disinfection was provided in the *SDR*.

CSID staff has indicated that the use of free chlorine in the distribution system for residual disinfection has been recently discussed by CH2M HILL. While this could be feasible once the membrane plant is on-line there has been no plan or evaluation provided in the documentation provided to us to review. If free chlorination is desired by CSID, the use of the lime plant would be restricted as DPB formation on the lime plant water would like cause regulatory violation without the use of chloramines. A plan to switch disinfection and notification to BCHD/FDEP would also need to be considered.

We also note that there is no discussion in the **SDR** of the method for obtaining hypochlorite for feed to the RO system injection points, or modifications, if any, required at the bulk storage facility, or a means of controlling the feed rates given the above discussion. A connection point is depicted on the drawings however, this appears to be incomplete information as the operators were required to complete the installation and render to flow split functional at the bulk storage facility.

Lime Plant Integration Issues. CSID staff has indicated that CH2M HILL has recommended the decommissioning of the lime plant which has implications with the residual disinfection as indicated above. However, based on the documents reviewed, it is apparent that the lime plant was to remain in some fashion after the membrane plant was completed as indicated in the references below:

- **Work Authorization 34.2. (New NF WTP). Task 1 – 30% (Schematic) Design.** One of the tasks indicated a new process building for NF equipment and that the lime softening facilities will be monitored in the new control room.
- **SDR Tab 1- Overall Project Definition.** Page 6 indicates that existing lime plant Unit 2 (1.8 mgd capacity) will remain as an emergency backup to provide limited redundancy in the event of an emergency, e.g., one of the membrane trains is inoperable. To make up the difference in flow from one 2.25 mgd membrane train, more bypass blend was to be used with the emergency backup lime plant (2.25 mgd membrane train – 1.8 mgd = 0.45 mgd bypass). This implies simultaneous operation of the RO and Lime Plants and modulation of chemical feed including sodium hypochlorite.
- **Work Authorization 50. (WTP and WWTP Construction Management and SDC)** the project description indicates that “Once construction is complete, the startup of the RO and WWTP facilities will be coordinated with existing plant operation so as to maintain service of both new and old systems. At such time as the new systems are deemed reliable, the old facilities will be decommissioned as determined by CSID staff”

It is clear that the decommissioning of the old facilities is to be determined by CSID. Blending the lime softened and the membrane treated water together prior to ground storage may be desirable for post treatment disinfection and pH adjustment but this was not addressed. None of the documents provided by CSID address how the new membrane plant and lime plant was to be operated together or separately. We believe that a simultaneous operation and transition plan should have been prepared and should now be in the execution phase.

Membrane Concentrate Disposal. The **SDR** assumed that the membrane concentrate would be mixed with the WWTP effluent and be disposed of in the WWTP deep injection well (DIW). The Contract Documents depict a pipeline to the DIW as an alternative disposal option but the membrane concentrate is being disposed of via the headworks of the WWTP. None of the provided documents indicate what determined the WWTP headworks as the final disposal point and whether the process could accommodate the additional constituents.

Note that the WWTP DIWs are Class V wells which are permitted for non-hazardous domestic waste. To dispose of membrane concentrate a Class I industrial waste well would be required by the Florida Department of Environmental Protection.

Membrane Cleaning System. In discussions with staff we learned there is noticeable noise and system vibration when operating the constant speed cleaning pump. While not critical, it is desirable to provide a VFD on membrane cleaning pumps for this reason. We also noted at the site that the chemical mixing tank had not been installed for the cleaning system. As chemical mixing has safety implications the tank should be installed at the time of training.

Seventh Order of Business

7A

AMENDMENT No. 1
to
M&A WORK AUTHORIZATION
No. 1

McKune & Associates, Inc.

M & A Job No. 101

Date Prepared July 6, 2012

CORAL SPRINGS IMPROVEMENT DISTRICT

This Amendment No. 1 to M&A Work Authorization No. 1 is to be carried out in accordance with the terms and conditions of the Continuing Professional Services Agreement between Coral Springs Improvement District (District) and McKune & Associates, Inc. (Consultant) dated March 14, 2012.

GENERAL DESCRIPTION:

The District is currently in the process of commissioning a new membrane water treatment plant (WTP) while operating the existing lime softening WTP. The District has requested that the Consultant provide assistance with regards to treatment blending issues, disinfection, Disinfection Byproducts Formation Potential (DBPFP), possible treatment testing program, possibly developing mixing/blending facilities, and review of Standard Operating Procedure for the membrane WTP.

SCOPE OF SERVICES – AMENDMENT No. 1 to M&A WA-1

The Consultant, in association with Globaltech, Inc. (GI), shall perform the following Scope of Services:

Task I. Treatment Blending Issues

The District may elect to operate both the new membrane plant and the existing lime softening plant together, or individually. This task will evaluate the water quality of each plant and make recommendations with respect to the following issues:

- Permitted Capacity and Plant Redundancy
- Ground Water Rule (GWR) 4-log virus treatment
- Residual Disinfection and Disinfection Byproduct Formation
- Corrosion Control

The Consultant/GI shall prepare a Technical Memorandum (TM) that discusses operating the membrane WTP by itself or in combination with the LS plant in relation to these issues.

Task II. Disinfection Treatment Testing Program

Consultant/GI shall provide assistance as requested by District to review the free chlorine disinfection simulated disinfection system tests that CH2M HILL will conduct. Consultant/GI shall review and provide input on testing goals, procedures, and results.

Task III. Blending/Mixing Facility Conceptual Design

Consultant/GI shall assist District in the development of a conceptual design for the blending/mixing facility. The blending/mixing facility will blend lime softened water and membrane softened water prior to distribution. Disinfection to provide Ground Water Rule Four-Log Virus Treatment shall be considered per the recommendations from Task I. Consultant/GI shall meet with District to discuss potential options for the blending/mixing facility, and shall review existing piping and plant hydraulics and develop the feasible options from the meeting, or offer other options for consideration. A brief Technical Memorandum (TM) shall be prepared to present the more feasible options and provide a final recommendation. An order of magnitude cost estimate shall be provided for the recommended option.

Task IV. Standard Operating Procedure (SOP) Review

As requested by District, Consultant/GI shall review the first draft SOP prepared by CH2M HILL. Consultant/GI shall provide their comments, as well as gather and record comments from District staff, and will provide a MS WORD file containing all comments.

DELIVERABLES

Consultant/GI shall provide to District the following deliverables:

- One electronic version of the technical memorandum of the treatment blending issue for the WTP.
- One electronic version of the technical memorandum for the blending/mixing facility conceptual design.
- One electronic version of the review comments on the SOP.

INFORMATION AND SERVICES TO BE PROVIDED BY OWNER

The OWNER will provide Consultant/GI with the following information and services:

- Water quality data
- Laboratory Testing/Analysis
- Record drawings for lime and membrane plants
- Pumps and piping information
- Interviews with District staff.

COMPENSATION

Total compensation to Consultant/GI for services performed under this Amendment No. 1 to M&A WA No. 1 will be in the amount of \$15,750, as detailed on the attached Summary, in accordance with the approved hourly rates shown on Exhibit A.

TIME OF PERFORMANCE

The services described above are anticipated to be completed in accordance with the District's schedule and selection of one or more of the options developed herein.

APPROVAL:

Submitted by: _____
McKune & Associates, Inc.

Date: July 6, 2012

Approved by: _____
Coral Springs Improvement District

Date: _____

**Globaltech Budget
Summary
CSID M&A Work Authorization No 1
Amendment No. 1**

Task	Task Description	Principal Engineer	Project Engineer/ Estimator	Admin.	General Office	Total
		\$165.00	\$115.00	\$70.00	\$45.00	
Task I. Treatment Blending Issues						
	Collect and review existing information	4				
	Meet w/ Owner to discuss issues	3				
	Prepare TM	10				
	Meet w/ Owner to Review TM	4				
	General Clerical/Admin			2	2	
Subtotal		\$3,465.00	\$0.00	\$140.00	\$90.00	\$3,695.00
Task II. Disinfection Treatment Testing Program						
	Review Testing Data and Procedures	8				
	Meet w/ Owner to Discuss	3				
Subtotal		\$1,815.00	\$0.00	\$0.00	\$0.00	\$1,815.00
Task III. Blending/Mixing Facility Conceptual Design						
	Meet w/ Owner to review potential options	3				
	Prepare Options/TM	16				
	Prepare Cost Estimate	4	9			
	Meet w/ Owner to Review TM	3				
	General Clerical/Admin			2	2	
Subtotal		\$4,290.00	\$1,035.00	\$140.00	\$90.00	\$5,555.00
Task IV. Standard Operating Procedure (SOP) Review						
	Review SOP	16				
	Meet w/ Owner to Receive Comments	3				
	Summarize Comments	8				
	General Clerical/Admin			2	2	
Subtotal		\$4,455.00	\$0.00	\$140.00	\$90.00	\$4,685.00
					Total	\$15,750.00

EXHIBIT A

CORAL SPRINGS IMPROVEMENT DISTRICT

Hourly Rate Schedule

<u>Description</u>	<u>McKune & Associates</u>	<u>Globaltech</u>
Principal Engineer	130	165
Project Manager	120	150
Project Engineer/Estimator	95	115
CADD Technician	75	82
Administrative	50	70
General Office	-	45

7B

WORK AUTHORIZATION

NO. GT-2012-01

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization, executed this _____ day of _____ 2012, authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to the Ammonia Sulfate System, hereinafter referred to as the "Specific Project".

Section 1 – Terms

The FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

Section 2 – Scope of Work

The FIRM will provide the following services in accordance with Sections 1 and 2 of the AGREEMENT:

This scope of work is for the installation of a new ammonia sulfate storage and feed system and associated transfer piping modifications. Ammonia sulfate is needed to provide supplemental ammonia for the membrane permeate of the Reverse Osmosis (RO) Water Treatment Plant (WTP) to form chloramines that match the existing chloramines residual currently being utilized by the Lime Softening WTP. The new ammonia chemical

storage and feed system is to be installed in an existing storage room located in the east end of the High Service Pump Building.

Transfer piping modifications will also be made so that RO WTP will be able to provide four-log virus treatment under the Ground Water Treatment Rule in the future, once approved by the Broward County Health Department or the Florida Department of Environmental Protection. The piping modifications will include an ammonia injection mixing station, free chlorine residual analyzer for four-log compliance monitoring, and one monochloramine residual analyzer after ammonia addition.

These improvements will allow staff to place the RO WTP in service and shake down its operation while having the existing LS WTP as an online backup and continue to maintain a chloramine residual disinfection as currently practiced.

Task 1 – Engineering Services

This task includes project management and engineering design required to design and permit the new installation.

Engineering and Project Management

1. Meet with the OWNER to review the preliminary design parameters and overall project activity and schedule.
2. Prepare final design drawings and major equipment specifications. Drawings (11" x 17") to include yard piping plan, mechanical, electrical, and instrumentation and control drawings for OWNER review and approval.
3. Design (plans, and specifications) of proposed ammonia sulfate system to include metering pumps, tanks, chemical analyzers, chemical transfer pump, emergency eyewash/shower, chemical transfer station control panel, bulk tank fill station control panel, above ground chemical injection point, and RO WTP transfer piping.
4. Meet with the OWNER to discuss the review comments.

5. Prepare detailed construction schedule to include as a minimum; design, site mobilization, detailed construction activities, scheduled shut downs and durations, equipment/material delivery times, testing, and startup and commissioning.
6. Coordinate material and equipment purchase and subcontractors.
7. Review, administer, and track equipment submittals.
8. Schedule and conduct meetings, inspections, and testing with OWNER's staff.
9. Attend progress meetings and coordination meetings

Record Drawings

- Provide site inspection for permit closeout.
- Prepare record drawings for permit closeout. Final drawings will be delivered to OWNER in AutoCAD file format, Adobe PDF, and 11" X 17" hardcopy.

Task 2 – Construction Services

This task consists of constructing a new ammonia sulfate storage and feed system, transfer piping modifications, and addition of chlorine and ammonia analyzers.

Ammonia Sulfate Storage and Feed System

The following assumes that the existing storage room located in the north east corner of the high service pump building will be renovated to house the ammonia sulfate storage tanks and feed pumps. Storage tanks shall be provided by Owner.

1. Modify existing storage room to house chemical.
 - a. Construct containment curb for secondary chemical containment.
 - b. Construct tank pedestal to provide gravity suction line to chemical metering pumps.
 - c. Plug floor drain inside of new secondary containment curb.
 - d. Remove existing window and install exhaust fan.

- e. Coat secondary containment area.
2. Install emergency eyewash/shower. Emergency eyewash/shower will be provided with flow switch. However, flow switch will be connected in the future by others.
3. Install bulk tank as supplied by OWNER. Tank is assumed to be a minimum of 1,100 gallons.
 - a. Connect/install an ultrasonic level sensor and transmitter.
 - b. Fill control panel with alarms and level display.
 - c. Tank fill, discharge, and vent lines – 2" PVC.
 - d. Install 2" PVC Ball valves on tank fill and discharge lines.
4. Install day tank as supplied by OWNER. Tank is assumed to be a minimum of 100 gallons.
 - a. Connect/install an ultrasonic level sensor and transmitter.
 - b. Fill control panel with alarms and level display.
 - c. Tank fill, discharge, and vent lines – 2" PVC.
5. Install a transfer pump to fill day tank from bulk tank. Pump is to be controlled by hold to energize electrical switch.
6. Install two chemical metering pumps with the following accessories:
 - a. Pulsation dampeners
 - b. Pressure relief valves
 - c. Pressure sustaining valves
 - d. Isolation valves
 - e. Calibration column
 - f. Piping around pumps – 1/2" PVC
7. Discharge piping to injection point – 1/4" HDPE tube sleeved inside 2" HDPE tube or 2" PVC piping. Piping to be buried and grade to be restored.
8. Install bulk tank fill station panel and day tank transfer station panel.
9. Programming for the plant PLC to accommodate new ammonia system including:

- a. Two (2) ammonia feed pumps, two (2) 550 gallon bulk storage tanks, one (1) day tank, emergency eyewash/shower, one (1) transfer pump, chemical analyzers.
- b. Integrate ammonia feed pump control in overall plant operation, implementing flow pacing/ammonia-chlorine feed ratio.
- c. Adjust chlorine automatic feed as necessary.
- d. Generate the HMI screen for Ammonia System monitoring and control and install on 2 IFIX Scada PCs and 2 iFIX Servers.
- e. Configuring historical trending and reports from chemical analyzers readings.
- f. System start-up, fine-tuning the chlorine and ammonia feeding, and testing, and training.

RO WTP Transfer Piping Modifications

The existing 24-inch RO WTP transfer pipe shall be extended approximately 110-ft to the south of its original tie-in location with a 36-inch line. At this new tie-in location, an 18-inch static mixer station will be installed to inject the ammonia sulfate.

1. Install 36-inch cement lined ductile iron pipe matching existing RO WTP transfer pump line type and extend transfer line approximately 110-ft to ammonia injection point and 16-inch tie-in to existing Lime Softening WTP transfer piping.
2. Install above grade ammonia sulfate injection station. Station will consist of the following:
 - a. An 18-inch static mixer with bypass piping
 - b. Two ammonia sulfate chemical injectors
 - c. Four 24-inch butterfly isolation valves
 - d. Two 16-inch butterfly isolation valves
 - e. Miscellaneous 24, 18, and 16-inch flanged and mechanical joint fittings and piping

3. Install 12-inch cement lined ductile iron pipe approximately 260 feet in length to serve as a flushing pipeline to the holding pond. Route of pipe will match the temporary flushing pipe.

Free Chlorine and Ammonia/Monochloramine Analyzers

OWNER supplied chlorine residual and ammonia/monochloramine residual analyzers will be installed. Only one ammonia/monochloramine residual analyzer will be installed in the transfer line split between ground storage tanks (GSTs) Nos 1, 2 and 3. A second ammonia/monochloramine residual analyzer may be added in the future.

1. Install 24" x 3/4" tapping sleeve and corp stop to serve as free chlorine analyzer sample point on 24-inch line at the above grade ammonia sulfate.
2. Install 1/4" HDPE tube sleeved in 2" PVC to OWNER supplied free chlorine analyzer (Hach CL 17).
3. Install OWNER supplied free chlorine analyzer next to Softener No. 3 on instrumentation rack with sunshield.
4. Route 1 1/2" drain line from free chlorine analyzer to sewer.
5. Install 16" x 3/4" tapping sleeve and corp stop to serve as ammonia/monochloramine chlorine analyzer sample point on existing 16-inch line that is routed to GST No. 1 and 2.
6. Install 1/4" HDPE tube sleeved in 2" PVC to OWNER supplied ammonia/monochloramine analyzer (Hach APA 6000).
7. Install OWNER supplied ammonia/monochloramine analyzer next to GST No. 2 on instrumentation rack with sunshield.
8. Route 1 1/2" drain line from ammonia/monochloramine analyzer to sewer.

Assumptions

Assumptions for the project are as follows:

- Bonds will be provided within 10 days after award of contract.
- FIRM is not responsible for obtaining planning or zoning permits for this work.
- FIRM is responsible of preparing Broward County Health Department Permit Application and City of Coral Spring Building Department construction permit applications for this work. Broward County Health Department permit application and City of Coral Spring Building Department permit fees will paid by OWNER. OWNER will provide assistance in expediting BCHD, City, FDEP and applicable agencies where possible.
- No new survey is required for design or record drawings.
- FIRM shall have a portable toilet on site for its personnel.
- Laboratory testing including bacteriological testing is the responsibility of the OWNER.
- OWNER is responsible for isolating existing system for tie-ins.
- Equipment and material costs vary by market conditions, price increases shall be considered by OWNER with appropriate cost backup. A 15% mark-up on materials and 12% mark-up on subconsultants and subcontractors are assumed.
- An allowance of \$20,000 is included. Allowance is only to be accessed with OWNER's written approval. Unused portion of allowance to be credited back to OWNER.

Section 3 – Location

The services to be performed by the FIRM shall be on the following site or sites:

Coral Springs Improvement District Water Treatment Plant

Section 4 – Deliverables

The FIRM will provide the following Deliverables to OWNER:

- Construction drawings and specifications as required to obtain permits, solicit material and subcontractor proposals, and form a basis for the record drawings
- Construction of Improvements
- Record Drawings, test reports, and product manuals

Section 5 - Time of Performance

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:

Task	Time Elapsed to Subtask Completion
Notice to Proceed (NTP)	0 Days
Final Design Drawings	30 Days after NTP
Substantial Completion	90 Days following issuance of BCHD and CS building permits
Final Completion	30 days after Substantial Completion

Section 6 - Method and Amount of Compensation

1. The FIRM shall be paid by the OWNER in accordance with the Florida's Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
2. Total job price: **\$589,746.20**
3. On the terms contained in the FIRM's said proposal for the doing of said work and the said award therefore, and the specifications herein specifically referred to and made a part of this contract.
4. The cost for the above scope of services is a lump sum (LS). The LS is based on the materials, methods, and assumptions presented in the scope of services and may be adjusted based on final detail design and alternative selections or omissions. The LS shall not be greater than the

stated amount unless there is an approved increase in the scope of services.

5. A Budget Summary for the above LS is provided in Attachment A.

Section 7 - Application for Progress Payment

1. Unless otherwise prescribed by law, at the end of each month, the FIRM shall submit to the OWNER for review, an Application for Progress Payment filled out and signed by the FIRM covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the AGREEMENT.
2. The Application for Progress Payment shall identify the amount of the FIRM Total Earnings to Date based upon value of original contract Work performed to date as approved by fully executed Change Orders.
3. Payment shall be based upon percentage of work completed based upon the approved schedule of values. Retainage in the amount of 10% will be withheld on the calculated value of any work, with the exception of stored materials which may be paid at the supplier's invoiced cost. At FIRM's request, after 50% completion of the work has been achieved, the OWNER will implement a reduction in retainage to 5% of all future pay requests. If retainage is reduced, FIRM may not withhold more than 5% retainage from subcontractors or suppliers and will be required to certify compliance with F.S. 218.70 *et seq* on each subsequent pay application. Notwithstanding the foregoing, in no instance can the amount retained be less than the value of OWNER's good faith claims plus the value of the work the OWNER determines remains to be put in place or required to be performed as remedial activities. For the purposes of this section, 50% completion shall be that point in time when OWNER determines that half of the Work required by the Contract has been completed. In no event shall the Work be determined to be 50% completed before the OWNER has paid 50% of the Contract amount and 50% of the Contract time has

expired. The amount of previous Pay Estimate payments shall then be subtracted to equal the Balance Due during the Pay Estimate period.

4. When the OWNER determines the Work to be Substantially Complete, the OWNER may reduce the retainage to five percent (5%) of the dollar value of all Work satisfactorily completed to date, provided that the FIRM is making satisfactory progress toward Final Completion of the Work, that in the opinion of both the Engineer and the OWNER there is no specific cause for a greater retainage, and the FIRM obtains the written consent of the Surety Companies furnishing the required Public Construction Bond on consent forms provided by the OWNER. The OWNER may reinstate the retainage up to ten percent (10%) if the OWNER determines, at its discretion or the Engineer's discretion, that the FIRM is not making satisfactory progress toward final completion of the Work or where there is other specific cause for such withholding.
5. Partial payment may be made for the delivered cost of stored materials planned for incorporation into the Work, provided such materials meet the requirements of this Contract, the Contract Drawings, and the Specifications, and are delivered and suitably stored at the project site, or at another location acceptable to the OWNER. Such material must be stored in a secure manor acceptable to the OWNER, and in accordance with the manufacturer's recommendations.
6. The delivered cost of such stored or stockpiled materials may be included in any subsequent application for payment provided the FIRM meets the following conditions:
 - a. An applicable purchase order or supplier's invoice is provided listing the materials in detail, the cost of each item, and identifies this specific contract by name.
 - b. The materials are fully insured against loss or damage (from whatever source) or disappearance prior to incorporation into the Work.

- c. Stored materials approved for payment by the OWNER shall not be removed from the designated storage area except for incorporation into the Work.
 - d. Evidence that the FIRM has verified quantity and quality of the materials delivered (verified packing list).
7. It is further agreed between the parties that the transfer of title and the OWNER's payment for any stored or stockpiled materials pursuant to these General Conditions, and any applicable provisions of the Supplementary General Conditions, shall in no way relieve the FIRM of the responsibility of ensuring the correctness of those materials and for furnishing and placing such materials in accordance with the requirements of this Contract, the Contract Drawings, the Technical Specifications, and any approved changes thereto.
 8. The following monthly Application for Progress Payment shall be accompanied by Bills of Sale, copies of paid invoices, releases of lien, or other documentation warranting that the FIRM has received the stored materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the stored materials and equipment are covered by appropriate property insurance and other arrangements to protect the OWNER's interest therein, all of which shall be satisfactory to the OWNER.
 9. The FIRM shall warrant and guarantee that title to all Work, materials, and equipment covered by an Application for Progress Payment, whether incorporated in the Work or not, will pass to the OWNER no later than the time of Final Payment free and clear of all liens or other encumbrances.
 10. The Engineer shall, within ten (10) days after receipt of each Application for Progress Payment, either indicate in writing a recommendation of payment and present the Application to the OWNER, or return the Application to the FIRM indicating in writing the

Engineer's reasons for refusing to recommend payment. In the later case, the FIRM may make the necessary corrections and resubmit the Application. Twenty (20) days after presentation of the application for progress payment to the OWNER with the Engineer's recommendation, the amount approved will (subject to the provisions of the following Paragraph) become due and when due will be paid by the OWNER to the FIRM.

In the event any dispute with respect to any payment or pay request cannot be resolved between the Contractor and Owner's project staff, Contractor may, in accordance with the alternative dispute resolution requirements of Florida Statute section 218.72, *et seq*, demand in writing a meeting with and review by the OWNER'S (agency) director. In the absence of the agency director, a deputy director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by OWNER of FIRM's written demand. The OWNER's manager, shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the OWNER's final decision for the purposes of the Local Government Prompt Payment Act.

11. The OWNER may refuse to make payment of the full amount recommended by the Engineer because claims have been made against the OWNER on account of the FIRM's performance of the Work, or because Liens have been filed in connection with the Work, or there are other items entitling the OWNER to a credit against the amount recommended, but the OWNER must give the FIRM written notice within twenty (20) business days after the date on which the invoice is stamped as received (with a copy to the Engineer) which specifies the invoice deficiency and any action necessary to make the invoice complete and proper.

Section 8 – Responsibilities

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

8.1 The OWNER hereby designates Ed Stover as the OWNER's representative.

8.2 In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:

- Provide copies of existing drawings and equipment cut sheets if requested by FIRM
- Pay for any required permit fees

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates Troy Lyn as the FIRM's representative.

Section 9 – Insurance

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

Section 10 – Level of Service

The OWNER shall have the right to terminate said Agreement by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

Section 11 – Indemnification

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.

IN WITNESS WHEREOF, this Work Authorization, consisting of fifteen (15) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

(SEAL)

CORAL SPRINGS IMPROVEMENT DISTRICT

ATTEST:

President

Printed name of Witness

Printed name

Printed name of Witness

Date

Approved as to form and legality

Printed name of Witness

District Counsel

Printed name of Witness

State of Florida
County of Broward

ENGINEER

Company

The foregoing instrument was
acknowledged before me on this
__ day of _____, 2012 by

Signature

who is personally known to me OR
produced _____
as identification.

Name and title (typed or printed)

Signature of Notary

Date

Attachment A
Budget Summary

ATTACHMENT A

Ammonia Sulfate - Engineering

Budget Summary

Task	Task Description	Officer	E6	E4	CADD	Adm 3	Adm 1	Total Labor	*Sub-Consultant Services	Sub-Consultants
		\$210.00	\$175.00	\$150.00	\$85.00	\$75.00	\$50.00			
1	Engineering									
	Project Management/Coordination		12			4	4			
	Project Development Meeting	4	4							
	Develop Drawings & Major Equipment Specs.									
	Structural				2		2		\$1,500	WE
	Mechanical	8	40		24		4			
	Electrical				4		2		\$9,000	HEE
	I&C				2		2		\$4,000	ADS
	Drawing Review Meetings		4							
	Permit Applications		8	8			2			
	Construction Schedule			8						
	Submittal Review and Coordination			12			4		\$4,500	HEE
	Construction Meetings		16	8						
	Record Drawings		4	8			2		\$1,000	Brewer
	Permit Closeout		8				2		\$1,500	HEE
	Subtotal Task 1	12	96	52	40	4	24	\$32,020		
	Labor Total							\$32,020		
	Subconsultant Labor Total								\$23,000	
	Subconsultant Multiplier								1.12	
	Subcontract Total								\$25,760	
	PROJECT TOTAL								\$57,780	

ADS - ADS Engineering
 Brewer - Paul E Brewer & Associates
 HEE - Hillers Electrical Engineering
 WE - Worcester Engineering

Takeoff Worksheet

07/05/12



Coral Springs Improvement Dist
120319 CSID Ammonia Sulfate

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price
Job: 120319 CSID Ammonia Sulfate							
Bid Item: 1 General Conditions							
1	L	Temporary Facilities	LOT	1.00	2,840.00		
	L	Job Site Trailer	Month	4.00	240.00	960.00	1,170.24
	L	Trailer Pick up/Delivery	Ea	2.00	150.00	300.00	345.00
	L	Sanitary	Month	4.00	95.00	380.00	463.22
	L	Waste Hauling	LOT	2.00	600.00	1,200.00	1,462.80
2	L	General Conditions	LOT	1.00	43,325.00		
	L	Submittal Labor	HR	40.00	63.14	2,525.60	3,281.26
	L	Progress Meeting	HR	30.00	64.71	1,941.30	2,522.14
	L	Scheduling Labor	HR	40.00	63.14	2,525.60	3,281.26
	L	Construction PM	HR	200.00	63.14	12,628.00	16,406.30
	L	Construction Superintendent	HR	250.00	65.50	16,375.00	21,274.40
	L	Startup Crew	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	Punch Out Crew	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	Purchasing & Subcontracts	HR	20.00	63.14	1,262.70	1,640.50
	L	Testing Services	LOT	1.00	250.00	250.00	324.80
	L	Building Permits	LOT	20.00	63.14	1,262.80	1,640.63
	L	O&M	HR	40.00	63.14	2,525.40	3,281.00
Bid Item Totals:					46,165.00	59,729.11	
Bid Item: 2 Sitework							
2001	L	Mobilization	LOT	1.00	3,057.72		
	L	Construction PM	HR	8.00	63.14	505.12	656.25
	L	Construction Superintendent	HR	8.00	65.50	524.00	680.78

Takeoff Worksheet

07/05/12

Continued...

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price
L	3 Man Crew		CR-D	2.00	1,014.30	2,028.60	2,635.56
2500	Utility Locates		LOT	1.00	2,305.12		
L	Utility Locates		DAY	1.00	1,800.00	1,800.00	2,016.00
L	Construction PM		HR	8.00	63.14	505.12	656.25
2221	Excavate, Install, Compact & Backfill 12"		LOT	1.00	32,780.60		
L	Underground Pipe Installation		CR-D	12.00	1,704.50	20,454.00	26,573.84
L	Piping General		LOT	1.00	9,798.00	9,798.00	11,943.76
L	CL2 line Installation		CR-D	2.00	1,014.30	2,028.60	2,635.56
L	CL2 line		LOT	1.00	500.00	500.00	609.50
2221	Excavate, Install, Compact & Backfill 36"		LOT	1.00	45,264.10		
L	Set well Points, excavate and set trench box		CR-D	1.00	1,704.50	1,704.50	2,214.49
L	Shutdown/demo 24" install blind flange		CR-D	2.00	1,704.50	3,409.00	4,428.97
L	24" MJ Plug		LOT	1.00	418.00	418.00	509.54
L	Underground Pipe Installation		CR-D	6.00	1,704.50	10,227.00	13,286.92
L	Piping General		LOT	1.00	26,977.00	26,977.00	32,884.96
L	Install PVC Sleeve for Amonia		CR-D	2.00	1,014.30	2,028.60	2,635.56
L	SCH 80 PVC/CPVC Pipe & Ftgs		LOT	1.00	500.00	500.00	609.50
2221	Excavate, Install, Compact & Backfill 16" Tie-in		LOT	1.00	9,501.50		
L	Underground Pipe Installation		CR-D	3.00	1,704.50	5,113.50	6,643.46
L	Piping General		LOT	1.00	4,388.00	4,388.00	5,348.97
2221	Excavate, Install, Compact & Backfill Ammonia Dischar		LOT	1.00	10,557.20		
L	Install Sleeve		CR-D	3.00	1,014.30	3,042.90	3,953.34
L	Piping General		LF	250.00	12.00	3,000.00	3,657.00
L	Pull Tubing		CR-D	1.00	1,014.30	1,014.30	1,317.78
L	Tubing & Ftgs		LF	250.00	6.00	1,500.00	1,828.50
L	Injectors and Misc Fittings		EA	1.00	2,000.00	2,000.00	2,438.00

Takeoff Worksheet

07/05/12

Continued...

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price	
2950		Site Restoration	LOT	1.00	4,124.50			
	L	Asphalt	TON	3.00	150.00	450.00	548.55	
	L	Place Asphalt	CR-D	1.00	1,704.50	1,704.50	2,214.49	
	L	Double Drum Smooth Roller	DAY	1.00	320.00	320.00	390.08	
	L	Seed & Sod	LOT	3,000.00	0.55	1,650.00	1,848.00	
2002		Demob	LOT	1.00	3,057.72			
	L	Construction PM	HR	8.00	63.14	505.12	656.25	
	L	Construction Superintendent	HR	8.00	65.50	524.00	680.78	
	L	3 Man Crew	CR-D	2.00	1,014.30	2,028.60	2,635.56	
Bid Item: 3 Concrete					Bid Item Totals:	110,648.46	139,138.20	
3300		Form & Pour Curbs	LOT	1.00	7,047.80			
	L	Form curb	CR-D	3.00	1,014.30	3,042.90	3,953.34	
	L	Form & Materials	LOT	1.00	500.00	500.00	609.50	
	L	Drill, epoxy & tie rebar	CR-D	2.00	1,014.30	2,028.60	2,635.56	
	L	Form & Materials	LOT	1.00	200.00	200.00	243.80	
	L	Mix and Place Concrete	CR-D	1.00	1,014.30	1,014.30	1,317.78	
	L	Cast In Place Concrete	EA	25.00	4.48	112.00	136.53	
	L	Concrete Mixer	DAY	1.00	150.00	150.00	182.85	
	3300		Form & Pour pedestals	LOT	1.00	6,753.00		
		L	Form pedestals	CR-D	3.00	1,014.30	3,042.90	3,953.34
L		Form & Materials	LOT	1.00	250.00	250.00	304.75	
L		Drill, epoxy & tie rebar	CR-D	2.00	1,014.30	2,028.60	2,635.56	
L		Form & Materials	LOT	1.00	200.00	200.00	243.80	
L		Mix and Place Concrete	CR-D	1.00	1,014.30	1,014.30	1,317.78	
4000		Cast In Place Concrete	EA	15.00	4.48	67.20	81.91	
	L	Concrete Mixer	DAY	1.00	150.00	150.00	182.85	
4000		Cut opening for new door, louver and exhaust fan	LOT	1.00	2,500.00			
	L	Cut openings	LOT	1.00	2,500.00	2,500.00	2,800.00	

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price
3300		Ammonia Injection Station Pad	LOT	1.00	3,278.60		
	L	Form Slab and Tie Steel	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	Form & Materials	LOT	1.00	500.00	500.00	609.50
	L	Place and Finish	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	Cast In Place Concrete	CY	5.00	150.00	750.00	914.25
		Bid Item: 5 Misc Metals				19,579.40	24,758.66
5050		Misc Metals	LOT	1.00	18,285.80		
	L	Misc Metals	LOT	1.00	5,000.00	5,000.00	6,095.00
	L	Install Misc Metals	CR-D	5.00	1,014.30	5,071.50	6,588.89
	L	Large Dia Pipe Support	LOT	6.00	1,200.00	7,200.00	8,776.80
	L	Install and Grout Pipe Supports	CR-D	1.00	1,014.30	1,014.30	1,317.78
		Bid Item: 8 Doors				18,285.80	22,778.47
		Fire Rated Door	Ea	1.00	1,000.00	1,000.00	1,219.00
		Install Door and repair opening	CR-D	2.00	1,014.30	2,028.60	2,635.56
		Bid Item: 9 Finishes				3,028.60	3,854.56
9000		Pipe Labels	LOT	1.00	1,914.30		
	L	Signage	LOT	1.00	900.00	900.00	1,097.10
	L	Install Lables	CR-D	1.00	1,014.30	1,014.30	1,317.78
9000		Floor Coating	LOT	1.00	6,721.50		
	L	Prep Floor	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	Pressure washer	LOT	1.00	150.00	150.00	182.85
	L	Coat Floors	CR-D	4.00	1,014.30	4,057.20	5,271.11
	L	Coatings	LOT	1.00	1,500.00	1,500.00	1,828.50
9000		Wall Coating		1.00	3,742.90		

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price
	L	Patch walls	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	Patch Materials	LOT	1.00	200.00	200.00	243.80
	L	Coat Walls	CR-D	2.00	1,014.30	2,028.60	2,635.56
	L	Coatings	LOT	1.00	500.00	500.00	609.50
9000		Pipe Coatings		1.00	11,143.00		
	L	Coat Piping	CR-D	10.00	1,014.30	10,143.00	13,177.79
	L	Coatings	LOT	1.00	1,000.00	1,000.00	1,219.00
		Bid Item Totals:			23,521.70	23,521.70	30,218.55
		Bid Item:					
11243		11 Equipment					
	L	Owner Supplied Bulk Storage Tanks	LOT	1.00	4,592.90		
	L	Set Tanks	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	Tank fittings and Acc.	LOT	1.00	1,000.00	1,000.00	1,219.00
	L	Install Piping and Acc.	CR-D	2.00	1,014.30	2,028.60	2,635.56
	L	Tank Piping	LOT	1.00	250.00	250.00	304.75
	L	Link Seals	EA	2.00	150.00	300.00	365.70
11243		HDPE DayTank	LOT	1.00	7,507.20		
	L	Set Tank	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	HDPE 150 Gal Tank	Ea	1.00	1,300.00	1,300.00	1,584.70
	L	Install Piping, Pump & Solenoid Valve	CR-D	3.00	1,014.30	3,042.90	3,953.34
	L	Tank Piping	LOT	1.00	250.00	250.00	304.75
	L	Link Seals	EA	1.00	150.00	150.00	182.85
	L	Transfer Pump & Solenoid Valve	LOT	1.00	1,750.00	1,750.00	2,133.25
11345		Chemical Metering Systems	LOT	1.00	12,842.90		
	L	Chemical Metering 2-Pump Skid	LOT	1.00	9,550.00	9,550.00	11,641.45
	L	Install Skid	CR-D	1.00	1,014.30	1,014.30	1,317.78
	L	SCH 80 PVC/CPVC Pipe & Figs	LOT	1.00	250.00	250.00	304.75
	L	Install piping	CR-D	2.00	1,014.30	2,028.60	2,635.56

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price
11000		Emergency Eyewash/Shower	LOT	1.00	3,778.60		
L		Install Eyewash and Plumbing	CR-D	2.00	1,014.30	2,028.60	2,635.56
L		Eyewash/Shower & Accessories	EA	1.00	1,500.00	1,500.00	1,828.50
L		SCH 80 PVC/CPVC Pipe & Figs	LOT	1.00	250.00	250.00	304.75
Bid Item: 13 I&C					Bid Item Totals:	28,721.60	35,987.81
13300		I&C	LOT	1.00	21,000.00		
L		Programming	LOT	1.00	15,800.00	15,800.00	17,696.00
L		Fill Panels	LOT	1.00	5,200.00	5,200.00	6,338.80
13300		Install Owner Supplied CL17 & APA	LOT	1.00	2,028.60		
L		Panel Installation	CR-D	2.00	1,014.30	2,028.60	2,635.56
13300		I&C	LOT	1.00	3,000.00		
L		Level Transmitters	EA	2.00	1,500.00	3,000.00	3,657.00
Bid Item: 15 Mechanical					Bid Item Totals:	26,028.60	30,327.36
15050		Mechanical Materials & Methods	LOT	1.00	65,645.00		
L		Install above ground piping	CR-D	4.00	1,704.50	6,818.00	8,857.95
L		Piping General	LOT	1.00	49,707.00	49,707.00	60,592.83
L		18" Static Mixer	EA	1.00	8,370.00	8,370.00	10,203.03
L		Misc Pipe, fittings & Guages	LOT	1.00	750.00	750.00	914.25
15900		HVAC	LOT	1.00	4,528.60		
L		Install Louver and Fan	CR-D	2.00	1,014.30	2,028.60	2,635.56
L		HVAC	EA	1.00	2,500.00	2,500.00	3,047.50
15050		Pressure Test & Disinfection all lines	LOT	1.00	3,292.90		
L		3 Man Crew	CR-D	3.00	1,014.30	3,042.90	3,953.34
L		Misc fittings & Consumables	LOT	1.00	250.00	250.00	304.75

Takeoff Worksheet

07/05/12

Continued...

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price
Bid Item:	16	Electrical			Bid Item Totals:	73,466.50	90,509.21
		Electrical Sub	LOT	1.00	24,350.00	24,350.00	27,272.00
Bid Item:	18	Heavy Equipment/Tools/Consumable			Bid Item Totals:	24,350.00	27,272.00
18001		Tools & Consumables	LOT	1.00	2,090.00		
L		Misc Tools	LOT	1.00	1,000.00	1,000.00	1,219.00
L		Saw Blade	LOT	1.00	90.00	90.00	109.71
L		Consumables	LOT	1.00	1,000.00	1,000.00	1,219.00
18002		Rental Equipment	LOT	1.00	25,693.50		
L		Excavator	Month	1.00	4,783.75	4,783.75	5,831.40
L		Loader	Month	3.00	3,803.25	11,409.75	13,908.49
L		Wellpoint System	LOT	1.00	5,000.00	5,000.00	6,095.00
L		Trench Box/Shoring	LOT	1.00	4,500.00	4,500.00	5,485.50
Bid Item:	25	Allowance			Bid Item Totals:	27,783.50	33,868.10
		Allowance	LOT	1.00	20,000.00	20,000.00	20,000.00
Bid Item:	50	Engineering			Bid Item Totals:	20,000.00	20,000.00
50000		Design	LOT	1.00	57,780.00		
L		Engineering	LOT	1.00	57,780.00	57,780.00	57,780.00
Bid Item:	60	Bonding			Bid Item Totals:	57,780.00	57,780.00
		Bonds & Certifications	LOT	1.00	11,754.93	11,754.93	13,518.17
					Bid Item Totals:	11,754.93	13,518.17

Takeoff Worksheet

07/05/12

Continued...

Assembly#	Part#	Description	Unit	Quantity	Cost	Ext. Cost	Ext. Price
Grand Totals:					491,114.09	589,740.20	

DeMarco, Sandra

Subject: FW: Coral Springs Improvement District Ammonium Sulfate

Attachments: 201207021456.pdf

From: Troy Lyn [mailto:tlyn@globaltechdb.com]

Sent: Monday, July 02, 2012 3:26 PM

To: eds@fladistricts.com; jmkuneinc@msn.com; Cassel, Ken; Daly, Dan

Cc: alvanj@fladistricts.com; jones.alvan@gmail.com; Joe Stevens-WTP

Subject: RE: Coral Springs Improvement District Ammonium Sulfate

Attached is a rough sketch of the converted storage room to house the ammonia sulfate storage and feed system.

Few of things have changed.

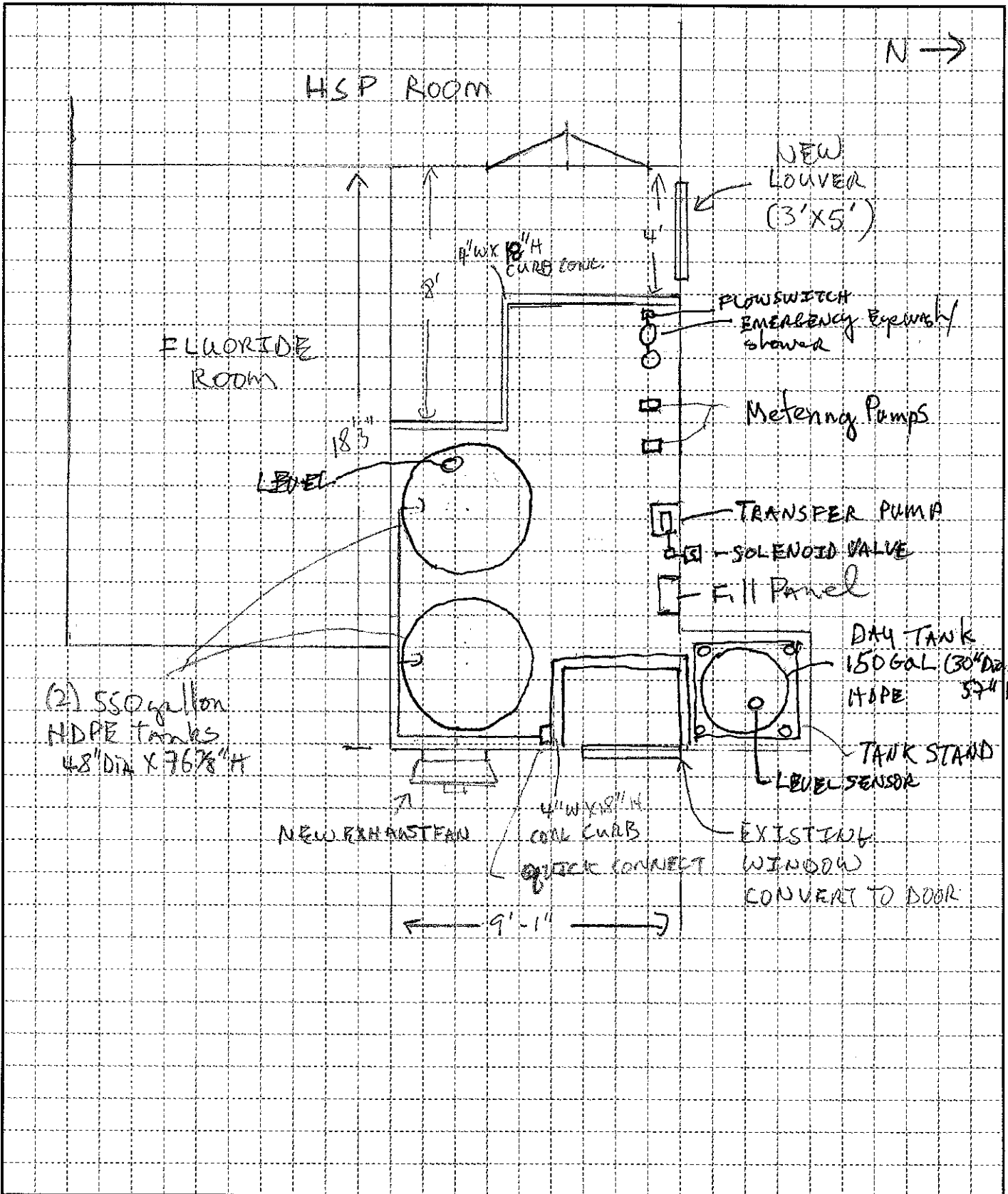
- Based on the existing doorway size limitation we will need to install two bulk tanks. Dumont can supply 500 or 650 gallon tanks. I am showing 550 gallon tanks – this is what I had sized prior to getting information on the Dumont tanks. Should be able to make them work.
- Based on building code and possible completion from the HSP exhaust fans, We will need to install a new intake louver. Building code will likely prevent us from venting through the HSP room. That means we will need to install a 3' x 5' louver in the north wall. We had not talked about that so I just want to make sure it is okay.
- Based on the way the tanks are to be filled as discussed at the site today, it does make sense to provide a door on the east wall where the window is. We assume that the roof work along the east roof line will be taken care of in a separate project.
- We are assuming a day tank and transfer pump will be required. If BCHD is okay with us not installing the day tank and transfer pump, we will provide credit for that work. It is likely we will not hear back from them till after we have started the work.

Regards. Troy.

7/9/2012

GLOBALTECH, INC.
ENGINEERS • CONTRACTORS
 1075 BROKEN SOUND PKWY. NW, SUITE 103
 BOCA RATON, FLORIDA 33487
 TELEPHONE: (561) 997-6433 • FAX: (561) 997-5811
 E-MAIL: SOLUTIONS@GLOBALTECHDB.COM

PROJECT _____
 PROCESS _____
 SHEET _____ OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____



7c

WORK AUTHORIZATION

NO. GT-2012-02

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization, executed this _____ day of _____ 2012, authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires engineering consulting services related to the Wellfield Upgrade Analysis, hereinafter referred to as the "Specific Project".

Section 1 – Terms

The FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

Section 2 – Scope of Work

The FIRM will provide the following services in accordance with Sections 1 and 2 of the AGREEMENT:

This scope of work is to evaluate the existing eleven (11) supply wells in order to provide recommendations for improvements associated with the following:

- Well head flange elevation to meet Broward County Health Department (BCHD) / Florida Department of Environmental Protection (FDEP) requirements to be above the 100 year flood

elevation. It is anticipated that the wellheads contained in vaults will need to be re-piped to above grade piping with fencing.

- Pump changes to increase the raw water pressure to the new reverse osmosis (RO) water treatment plant (WTP). The pump changes are also anticipated to increase the well pump horsepower to 40 hp which may also require electrical changes.
- Add the capability to remotely monitor well level at each well.
- Add the capability to camera each well through a new well head connection.

Task 1 – Well Site Visits

1. Meet with the OWNER and BCHD to review well issues and previous BCHD comments on wells.
2. Visit each well and document required changes to meet the needs previously described.
3. Obtain survey elevations of each well. Elevations will include well head flange, four corners of concrete well slab, and grade at each corner of each well.
4. Take photos of each well showing areas of needed change.

Task 2 – Well Analysis

1. Prepare ***Well Analysis Technical Memorandum*** identifying the improvements needed at each of the well. A list of improvements and pictures with notes will be used to illustrate the required changes will be provided as necessary. A typical well site detail will be developed.
2. Prepare order-of-magnitude cost estimate for recommended improvements.
3. FIRM will meet with OWNER to review ***Draft Well Analysis Technical Memorandum***.
4. Finalize ***Well Analysis Technical Memorandum*** after receiving OWNER review comments.

Assumptions

Assumptions for the project are as follows:

- No new survey will be prepared.
- Permitting and/or construction to modify the wells will be conducted in a separate Work Authorization, if desired by OWNER.
- OWNER will make available all existing record drawings.
- No hydraulic modeling, flow rate monitoring, or water quality monitoring will be performed.
- OWNER reviews will be completed within two (2) weeks.
- No allowance is included in the WA budget.

Section 3 – Location

The services to be performed by the FIRM shall be on the following site or sites:

Coral Springs Improvement District Water Treatment Plant

Section 4 – Deliverables

The FIRM will provide the following Deliverables to OWNER:

- ***Draft Well Analysis Technical Memorandum***
- ***Final Well Analysis Technical Memorandum***

Section 5 - Time of Performance

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:

Task	Time Elapsed to Subtask Completion
Notice to Proceed (NTP)	0 Days
Draft <i>Well Analysis TM</i>	45 Days after NTP
Final <i>Well Analysis TM</i>	15 Days after Review Meeting

Section 6 - Method and Amount of Compensation

1. The FIRM shall be paid by the OWNER in accordance with the Florida's Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
2. Total job price: **\$23,740**
3. The cost for the above scope of services is a lump sum (LS). The LS is based on the materials, methods, and assumptions presented in the scope of services and may be adjusted based on final detail design and alternative selections or omissions. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.
4. A Budget Summary for the above LS is provided in Attachment A.

Section 7 – Responsibilities

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

- 7.1 The OWNER hereby designates Ed Stover as the OWNER's representative.
- 7.2 In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:
 - Provide copies of existing drawings and equipment cut sheets if requested by FIRM

- Provide access to well site and well vaults

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates Troy Lyn as the FIRM's representative.

Section 8 – Insurance

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

Section 9 – Level of Service

The OWNER shall have the right to terminate said Contract by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

Section 10 – Indemnification

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the AGREEMENT.

IN WITNESS WHEREOF, this Work Authorization, consisting of six (6) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

(SEAL)

CORAL SPRINGS IMPROVEMENT DISTRICT

ATTEST:

President

Printed name

Printed name of Witness

Date

Printed name of Witness

Approved as to form and legality

District Counsel

Printed name of Witness

State of Florida
County of Broward

ENGINEER

Company

The foregoing instrument was
acknowledged before me on this
___ day of _____, 2012 by

Signature

who is personally known to me OR
produced _____
as identification.

Name and title (typed or printed)

Date

Signature of Notary

Attachment A
Budget Summary

ATTACHMENT A

Wellfield Upgrade Analysis

Budget Summary

Task	Task Description	Officer	E6	E4	CADD	Adm 3	Adm 1	Total Labor	*Sub-Consultant Services	Sub-Consultants
		\$210.00	\$175.00	\$150.00	\$85.00	\$75.00	\$50.00			
1	Well Site Visit									
	Project Management/Coordination		4			2				
	Staff/BCHD Meeting		4							
	Well Review Site Visits	4	16				2		1,800	HEE
	Elevation Survey		8				2		2,200	Brewer
	Subtotal Task 1	4	32	0	0	2	4	6,790		
2	Wellfield Analysis Technical Memorandum									
	Project Management/Coordination		4			2				
	Prepare Draft Well Analysis TM	8	16	8	16	2	2		1,500	HEE
	Draft TM Review Meeting		4						500	HEE
	Prepare Final Well Analysis Draft TM	2	4		2		2			
	Subtotal Task 2	10	28	8	18	4	4	10,230		
	Labor Subtotal Hours	14	60	8	18	6	8			
	Labor Subtotal	\$2,940	\$10,500	\$1,200	\$1,530	\$450	\$400	17,020		
	Labor Total							17,020		
	Subconsultant Labor Total								6,000	
	Subconsultant Multiplier								1.12	
	Subcontract Total								\$6,720	
	PROJECT TOTAL								\$23,740	

Brewer - Paul E Brewer & Associates
 HEE - Hillers Electrical Engineering

Eighth Order of Business

8A

**Coral Springs Improvement District
Utility Billing Work Orders**

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
2012													
<i>Customer Inquiry requiring work order</i>	97	45	36	40	41	54							313
<i>Mis-Reads</i>	5	5	6	2	3	4							25
<i>Meter Calibration Tests</i>	1	0	0	0	2	0							3

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
2011													
<i>Customer Inquiry requiring work order</i>	73	44	53	52	58	31	48	55	45	59	26	48	592
<i>Mis-Reads</i>	4	7	12	6	2	2	11	1	8	7	5	4	69
<i>Meter Calibration Tests</i>	4	0	0	0	3	1	1	2	1	2	1	1	16

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
2010													
<i>Customer Inquiry requiring work order</i>	56	49	25	44	26	28	42	54	32	63	52	42	513
<i>Mis-Reads</i>	4	7	9	3	7	4	1	5	4	8	4	5	61
<i>Meter Calibration Tests</i>	6	5	0	0	0	0	0	0	0	2	4	1	18

Financials

**Coral Springs
Improvement District**

Financial Reporting
for
JUNE 2012

July 16, 2012
Board of Supervisors Meeting

Coral Springs Improvement District

Balance Sheet

All Fund Types and Account Groups

June 30, 2012

Description	General Fund	Water & Sewer Fund	General Fixed Assets	Totals
ASSETS				
Cash & Cash Equivalents:				
Checking Accounts	\$ 4,073,001	\$ 7,729,442	\$ -	\$ 11,802,443
Cash on Hand	-	10,500	-	10,500
Money Market Accounts	3,230,090	4,746,563	-	7,976,653
State Board of Admin. (Net)	8,763	51,641	-	60,404
Certificates of Deposit	250,000	249,920	-	499,920
Restricted Cash	-	-	-	-
Restricted Investments	-	9,129,872	-	9,129,872
Accounts Receivable	-	1,332,687	-	1,332,687
Unbilled Utility Revenues Receivable	-	663,659	-	663,659
Accrued Interest Receivable	5,838	3,749	-	9,587
Due from Other Funds	-	79,737	-	79,737
Prepaid Expenses	5,646	135,063	-	140,709
Bond Costs (2007 Series)	-	924,842	-	924,842
Bond Finance Costs	-	76,060	-	76,060
Land	-	361,739	553,200	914,939
Easements	-	394,998	-	394,998
Meters in Field (Net)	-	117,627	-	117,627
Machinery & Equipment (Net)	-	249,516	627,928	877,444
Imp. Other than Bids (Net)	-	28,314,125	6,641,826	34,955,951
Buildings (Net)	-	208,106	-	208,106
Construction in Progress	-	32,055,797	-	32,055,797
Total Assets	\$ 7,573,338	\$ 86,835,643	\$ 7,822,954	\$ 102,231,935

Coral Springs Improvement District
Balance Sheet
All Fund Types and Account Groups

June 30, 2012

Description	General Fund	Water & Sewer Fund	General Fixed Assets	Totals
LIABILITIES				
Accounts Payable	\$ 9,209	\$ 144,008	\$ -	\$ 153,217
Contracts Payable	-	-	-	-
Retainage Payable	-	-	-	-
Accrued P & i Payable	-	-	-	-
Accrued Int Payable-2002 Series	-	17,896	-	17,896
Accrued Int Payable-2007 Series	-	164,846	-	164,846
Accrued R & R Reserve	-	-	-	-
Accrued Wages Payable	-	-	-	-
Accrued Vac/Sick Time Payable	-	152,086	-	152,086
Pension Payable	-	30	-	30
Utility Tax Payable	-	54,566	-	54,566
Payroll Taxes Payable	-	-	-	-
Deposits	-	492,253	-	492,253
Due to Other Funds	79,737	-	-	79,737
Bonds Payable	-	48,446,250	-	48,446,250
Bond Discount-2007 Series	-	(782,342)	-	(782,342)
Deferred Loss (2002 Series)	-	(151,972)	-	(151,972)
Total Liabilities	88,946	48,537,621	-	48,626,567
FUND BALANCE / NET ASSETS				
Fund Balance:				
Unspendable	5,646	-	-	5,646
Assigned	5,139,732	-	-	5,139,732
Unassigned	2,339,014	-	-	2,339,014
Net Assets	-	38,298,022	-	38,298,022
Investment in GFA	-	-	7,822,954	7,822,954
Total Fund Balance / Net Assets	7,484,392	38,298,022	7,822,954	53,605,368
Total Liabilities & Fund Balance / Net Assets	\$ 7,573,338	\$ 86,835,643	\$ 7,822,954	\$ 102,231,935

Coral Springs Improvement District
General Fund
Statement of Revenues, Expenditures and Change in Fund Balance

For the Period Ending June 30, 2012

	Adopted Budget FYE 2012	Prorated Budget Thru 06-30-12	Actual 9 Months Ending 06-30-12	Variance Favorable (Unfavorable)
REVENUES:				
Assessments (Net)	\$ 2,192,462	\$ 2,192,462	\$ 2,183,393	\$ (9,069)
Interest Income-SBA	-	-	-	-
Interest Income-Other	-	-	11,832	11,832
Shared Personnel Rev.	27,560	20,670	20,670	-
Permit Review Fees	-	-	1,350	1,350
Miscellaneous Revenue	-	-	-	-
Unrealized Loss-SBA	-	-	-	-
Grant Project - Drainage	-	-	-	-
Carry Forward Designated Funds	566,800	-	-	-
Total Revenues	2,786,822	2,213,132	2,217,245	4,113
EXPENDITURES:				
Administrative				
Supervisor Fees	7,200	5,400	5,400	-
Salaries/Wages	49,391	36,093	35,433	660
Special Pay	92	92	90	2
FICA Taxes	4,329	3,164	3,131	33
Pension Expense	2,963	2,165	2,132	33
Health Insurance	20,214	15,161	9,311	5,850
Workers Comp. Ins.	238	179	179	-
Attorney Fees	15,000	11,250	40,052	(28,802)
Engineering Fees	18,000	13,500	16,858	(3,358)
Special Consulting Services	50,000	50,000	50,000	-
Consulting-Other	-	-	2,575	(2,575)
Annual Audit	7,638	7,638	7,560	78
Actuarial Computation-OPEB	454	-	-	-
Management Fees	59,688	44,766	44,766	-
Computer Expense	21,138	15,854	15,854	-
Digital Record Management	50,000	14,468	14,468	-
Communications-Telephone	2,778	2,084	2,084	-
Postage	600	450	450	-
Building Rent	12,000	9,000	9,000	-
Printing & Binding	2,424	1,818	1,818	-
Legal Advertising	1,980	1,485	881	604
Fire & EMS Assessments	7,055	7,055	8,550	(1,495)
Office Supplies	1,440	1,080	4,983	(3,903)
Dues, Subscriptions	4,800	3,946	3,946	-
Promotional Expenses	-	-	7,749	(7,749)
Capital Outlay	-	-	14,448	(14,448)
Total Administrative	339,422	246,648	301,718	(55,070)

Coral Springs Improvement District
General Fund
Statement of Revenues, Expenditures and Change in Fund Balance

For the Period Ending June 30, 2012

	Adopted Budget FYE 2012	Prorated Budget Thru 06-30-12	Actual 9 Months Ending 06-30-12	Variance Favorable (Unfavorable)
Field Operations				
Salaries and Wages	228,966	167,321	166,539	782
Special Pay	1,028	1,028	1,016	12
FICA Taxes	17,515	12,799	12,818	(19)
Pension Expense	13,739	10,040	9,980	60
Health Insurance	61,409	46,057	40,123	5,934
Worker's Comp. Insurance	12,387	9,290	5,054	4,236
Water Quality Testing	4,000	3,000	2,627	373
Communications-Radios/Cellphones	1,080	810	1,010	(200)
Electric Expense	1,440	1,080	1,020	60
Insurance	18,086	13,565	11,706	1,859
R & M - General	98,292	93,647	90,023	3,624
R & M - Canal Dredging	150,000	-	-	-
R & M - Vegetation Management	50,000	-	-	-
Operating Supplies - General	14,500	10,875	2,508	8,367
Operating Supplies - Chemicals	96,892	72,669	69,317	3,352
Operating Supplies - Motor Fuels	22,562	16,922	26,784	(9,862)
Operating Supplies - Uniforms	3,529	2,647	1,010	1,637
Dues, Licenses	975	731	889	(158)
Grant Expense - Drainage	-	-	22	(22)
Capital Outlay-Equipment	1,000	-	-	-
Capital Improvements	900,000	-	-	-
Total Field	1,697,400	462,481	442,446	20,036
Total Expenditures	2,036,822	709,129	744,164	(35,036)
Reserves:				
Reserved for 1st Qtr Operating	450,000	337,500	-	337,500
Reserved for Projects & Emergencies	300,000	225,000	-	225,000
Total Reserves	750,000	562,500	-	562,500
Total Expenditures & Reserves	2,786,822	1,271,629	744,164	527,465
Excess Revenues Over (Under)				
Expenditures & Reserves	\$ -	\$ 941,503	\$ 1,473,081	\$ 531,578
Fund Balance Beginning				6,011,311
Fund Balance Ending				\$ 7,484,392

Coral Springs Improvement District
Water and Sewer Fund
Statement of Revenues, Expenses and Change in Net Assets

For the Period Ending June 30, 2012

	Adopted Budget FYE 2012	Prorated Budget Thru 06-30-12	Actual 9 Months Ending 06-30-12	Variance Favorable (Unfavorable)
REVENUES:				
Water Revenue	\$ 6,454,741	\$ 4,841,056	\$ 4,731,294	\$ (109,762)
Sewer Revenue	5,752,109	4,314,082	4,282,853	(31,229)
Standby Revenue	1,872	1,404	1,884	480
Meter Fees	1,000	750	2,547	1,797
Line Connection Fees	-	-	300	300
Facility Connection Fees	-	-	-	-
Processing Fees	12,000	9,000	12,440	3,440
Lien Information Fees	9,000	6,750	10,400	3,650
Delinquent Fees	50,000	37,500	41,980	4,480
Interest Income-SBA	-	-	3	3
Interest Income-2007 Bonds	-	-	8,242	8,242
Interest Income-Other Restricted	-	-	2,680	2,680
Interest Income-Other	-	-	22,566	22,566
Technology Sharing Revenue	21,138	15,854	15,854	-
Contract Accounting Services	54,600	40,950	40,950	-
Contract HR & Payroll Services	63,490	47,618	47,618	-
Contract Utility Billing Services	194,751	146,063	142,225	(3,838)
Rental Income	53,714	40,286	40,286	-
Misc. Revenues	12,000	9,000	21,991	12,991
Unrealized Gain (Loss)-SBA	-	-	-	-
Transfer from R & R Fund	-	-	-	-
Carryforward Prior Yr Fund Balance	268,196	-	-	-
Total Revenues	12,948,611	9,510,313	9,426,113	(84,200)

Coral Springs Improvement District
Water and Sewer Fund
Statement of Revenues, Expenses and Change in Net Assets

For the Period Ending June 30, 2012

	Adopted Budget FYE 2012	Prorated Budget Thru 06-30-12	Actual 9 Months Ending 06-30-12	Variance Favorable (Unfavorable)
<u>EXPENSES:</u>				
<u>Administrative</u>				
Salaries/Wages/Overtime	593,289	433,557	422,596	10,961
Contract Personnel	-	-	-	-
Special Pay	1,695	1,695	1,659	36
FICA Taxes	45,389	33,169	32,084	1,085
Pension Expense	35,599	26,015	24,188	1,827
Health Insurance	121,417	91,063	86,218	4,845
Workers Comp. Insurance	2,882	2,162	1,484	678
Unemployment Comp	6,000	4,500	5,500	(1,000)
Attorney Fees	36,000	27,000	13,877	13,123
Engineering Fees	12,000	9,000	14,620	(5,620)
Annual Audit	11,340	11,340	11,340	-
Actuarial Computation-OPEB	1,800	-	-	-
Management Fees	89,532	67,154	67,154	-
Special Council Services	50,000	37,500	1,954	35,546
Electronic Document Storage (EDS)	20,000	-	-	-
Trustee Fees and Other Exp.	19,346	18,346	18,346	-
Computer Expense	42,726	32,045	35,600	(3,555)
Digital Record Management	20,000	15,000	-	15,000
Communication-Web Design & Programming	6,000	-	-	-
Telephone	28,665	21,499	4,434	17,065
Postage	50,715	38,036	33,365	4,671
Electric	19,141	14,356	9,516	4,840
Travel & Per Diem	5,000	3,750	925	2,825
Rentals and Leases	3,780	2,835	2,381	454
Insurance	17,199	12,899	10,277	2,622
Repair and Maintenance	24,460	18,345	6,416	11,929
Printing & Binding	35,490	26,618	12,386	14,232
Legal Advertising	2,400	1,800	1,874	(74)
Credit Card Merchant Fees	35,000	26,250	38,200	(11,950)
Office Supplies	9,828	7,371	12,946	(5,575)
Dues, Memberships, Etc	4,580	3,435	4,374	(939)
Other Current Charges	24,000	7,789	30,811	(23,022)
Promotional Expenses	-	-	7,749	(7,749)
Capital Outlay	20,000	1,283	1,283	-
Total Administrative	1,395,273	995,812	913,557	82,255

Coral Springs Improvement District
Water and Sewer Fund
Statement of Revenues, Expenses and Change in Net Assets

For the Period Ending June 30, 2012

	Adopted Budget FYE 2012	Prorated Budget Thru 06-30-12	Actual 9 Months Ending 06-30-12	Variance Favorable (Unfavorable)
<u>Plant Operations</u>				
Salaries and Wages	1,250,749	914,009	871,506	42,503
Special Pay	2,327	2,327	2,226	101
FICA Taxes	95,282	69,629	66,840	2,789
Pension Expense	74,731	54,611	47,160	7,451
Health Insurance	286,487	214,865	180,681	34,184
Worker's Comp. Insurance	52,562	38,411	21,092	17,319
Water Quality Testing	154,241	115,681	86,324	29,357
Naturescape Irrigation Serv	3,809	3,809	3,809	-
Sludge Management-Water	42,806	32,105	27,405	4,700
Sludge Management-Sewer	125,080	93,810	63,655	30,155
Telephone	8,700	6,525	7,272	(747)
Electric Expense	772,636	579,477	437,684	141,793
Insurance	230,146	172,610	144,159	28,451
Repair & Maint-General	417,564	313,173	280,362	32,811
Repair & Maint-Plant E	306,500	-	-	-
Repair & Maint-Filters for Nano Plant	326,000	-	-	-
Office Supplies	3,000	2,250	4,819	(2,569)
Chemicals	631,166	473,375	305,184	168,191
Operating Supplies-General	19,500	14,625	64,393	(49,768)
Operating Supplies-Motor Fuels	176,295	3,727	3,727	-
Operating Supplies-Uniforms	10,000	7,500	5,346	2,154
Advertisement for Employment	3,200	2,400	4,199	(1,799)
Dues, Licenses, Etc.	30,031	22,523	13,474	9,049
Capital Outlay	518,300	7,933	7,933	-
Total Plant Operations	5,541,112	3,145,375	2,649,250	496,125

Coral Springs Improvement District
Water and Sewer Fund
Statement of Revenues, Expenses and Change in Net Assets

For the Period Ending June 30, 2012

	Adopted Budget FYE 2012	Prorated Budget Thru 06-30-12	Actual 9 Months Ending 06-30-12	Variance Favorable (Unfavorable)
Field Operations				
Salaries/ Wages/Overtime	648,312	473,766	393,118	80,648
Temporary Help	37,440	-	-	-
Special Pay	1,700	1,700	2,067	(367)
FICA Taxes	52,059	38,043	30,232	7,811
Pension Expense	38,584	28,196	20,738	7,458
Health Insurance	149,270	111,953	109,651	2,302
Worker's Comp. Insurance	39,877	29,141	13,422	15,719
Telephone	11,400	8,550	6,840	1,710
Electric	123,600	92,700	101,490	(8,790)
Repair and Maintenance	196,582	147,437	111,965	35,472
Rent Expense-SCADA	50,000	46,521	46,521	-
Insurance	39,312	29,484	11,514	17,970
Office Supplies	2,100	1,575	4,260	(2,685)
Operating Supplies-General	17,500	13,125	41,151	(28,026)
Operating Supplies-Motor Fuels	42,275	31,706	31,220	486
Operating Supplies-Uniforms	5,394	4,046	3,296	750
Dues, Licenses, Etc	6,845	5,134	1,576	3,558
Meters-Replacement Program	55,000	41,250	7,169	34,081
Meters-New Connections	2,000	2,000	2,396	(396)
Meters-Supplies	6,000	462	462	-
Capital Outlay	98,281	25,567	25,567	-
Renewal & Replacement	-	-	111,696	(111,696)
Total Field Operations	1,623,531	1,132,356	1,076,351	56,005
Total Operating Expenses	8,559,916	5,273,543	4,639,158	634,385
Reserves:				
Required Reserve for R & R	-	-	-	-
Total Operating Exp & Reserve	8,559,916	5,273,543	4,639,158	634,385
Available for Debt Service	4,388,695	4,236,770	4,786,955	550,185
Debt Service				
Principal				
2002 Series	1,815,000	1,361,250	1,361,250	-
2007 Series	-	-	-	-
Interest				
2002 Series	214,748	161,061	161,061	-
2007 Series	1,978,156	1,483,617	1,483,617	-
Total Debt Service	4,007,904	3,005,928	3,005,928	-
Excess Revenues (Expenses)	\$ 380,791	\$ 1,230,842	\$ 1,781,027	\$ 550,185
Net Assets Beginning				36,516,995
Net Assets Ending				\$ 38,298,022

Coral Springs Improvement District
Water and Sewer Fund
Statement of Revenues, Expenses and Change in Net Assets

For the Period Ending June 30, 2012

	Adopted Budget FYE 2012	Prorated Budget Thru 06-30-12	Actual 9 Months Ending 06-30-12	Variance Favorable (Unfavorable)
--	-------------------------------	-------------------------------------	--	--

Summary of Operations and Debt Service Coverage				
Revenues			<u>9,426,113</u>	
Operating Expenditures:				
Operating Expenditures-Admin			913,557	
Operating Expenditures-Plant			2,649,250	
Operating Expenditures-Field			<u>1,076,351</u>	
Total Operating Expenditures			<u>4,639,158</u>	
Required Reserve for R&R			-	
Total Operating Exp & Reserves			<u>4,639,158</u>	
Available for Debt Service			4,786,955	Debt Service Coverage 1.59
Less: Debt Service			<u>3,005,928</u>	
Excess Revenues (Exp)			<u>1,781,027</u>	

**CORAL SPRINGS IMPROVEMENT DISTRICT
ASSESSMENT COLLECTIONS FOR FYE 2012**

June 30,2012

Date	Assessments Collected (net of all Commissions & Fees)
10-15-2011	\$ -
11-15-2011	139,577
12-31-2011	1,753,557
01-15-2012	31,572
02-15-2012	65,961
03-15-2012	46,886
04-15-2012	94,689
05-15-2012	36,122
06-15-2012	15,029
Totals	\$ 2,183,393

Coral Springs Improvement District

Check Registers

June 30, 2012

<u>Fund</u>	<u>Check Date</u>	<u>Check No.</u>		<u>Amount</u>
General Fund	06-01-2012	2874 - 2876	\$	7,108.55
	06-05-2012	2877 2879		3,874.81
	06-11-2012	2880 - 2881		276.95
	06-14-2012	2882 - 2886		38,264.38
	06-15-2012	2887		5,427.93
	06-20-2012	2888 - 2889		13,328.50
Total			\$	68,281.12

Water and Sewer	06-01-2012	12669 - 12679	\$	20,026.08
	06-05-2012	12680 - 12700		486,793.01
	06-06-2012	12701 - 12730		24,556.29
	06-11-2012	12731 - 12768		85,198.53
	06-14-2012	12769 - 12777		6,165.04
	06-15-2012	12778 - 12797		32,573.26
	06-19-2012	12798		101.34
	06-20-2012	12799 - 12805		1,533.46
	06-26-2012	12806 - 12812		63,792.81
	06-27-2012	12813 - 12816		19,117.68
	06-29-2012	12817 - 12819		11,119.37
Total			\$	750,976.87

*** CHECK DATES 06/01/2012 - 06/01/2012 ***

CSID - GENERAL FUND
BANK A CHECKING - GENERAL F

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO	YRMO	FND	DFT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK#
6/01/12	00261		INSTALL & SET UP USB HDD	IPOWER TECHNOLOGIES, INC.							125.00	002874
6/01/12	00262		MOBIL PEGASUS ENVIRN FEE	PETROLIANCE LLC							2,009.55	002875
6/01/12	00037		FLA WTR QUALITY FEE	SEVERN TRENT ENVIRONMENTAL SERVICES							4,974.00	002876

TOTAL FOR BANK A 7,108.55
 TOTAL FOR REGISTER 7,108.55

*** CHECK DATES 06/05/2012 - 06/05/2012 *** CSID - GENERAL FUND
 BANK A CHECKING - GENERAL F

CHECK DATE	VEND#	INVOICE	EXPENSED TO	YRMO	FND	DFT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK#	AMOUNT
6/05/12	00023								121 NW 93RD TER PS 1				
									12000 SW 1ST ST PS 2				113.78 002877
6/05/12	00257								CSID STM WTR REVIEW 03/12				2,137.50 002878
6/05/12	00064								TRASH SERV-CSID OF 05/12				
									TRASH SERV-PINETREE 05/12				1,623.53 002879
									TRASH SERV-SUNSHINE 05/12				3,874.81
TOTAL FOR BANK A												3,874.81	
TOTAL FOR REGISTER												3,874.81	

*** CHECK DATES 06/11/2012 - 06/11/2012 ***

CSID - GENERAL FUND
BANK A CHECKING - GENERAL F

CHECK VENDOR#	DATE	INVOICE	EXPENSED TO	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT
6/11/12	00233		REPLACE BATTERY UNIT #3								176.95	002880
			REPLACE TWO BATTERY JUGS						CYPRESS MOBIL		100.00	002881
			LABOR								276.95	
			REIMB.RENEWAL AQUATIC LTC						FREDERICK, RANDY			
6/11/12	00098									TOTAL FOR BANK A		
										TOTAL FOR REGISTER		

*** CHECK DATES 06/14/2012 - 06/14/2012 *** CSID - GENERAL FUND
 BANK A CHECKING - GENERAL F

CHECK DATE	VEND#	DATE	INVOICE	EXPENSED TO	YRMO	FND	DET	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK #
6/14/12	95999		VOID CHECK							*****INVALID VENDOR NUMBER*****		.00	002862
6/14/12	00051		AMAZON-FUJI SCANNERS (2)										
			IPOWER POWEREDGE SET UP										
			GMPCS-EMERG.PHONES										
			UNIFORMS 05/2012										
			GASOLINE 05/2012										
			NEXTEL 05/06/12										
			SAM'S-COOKIES/WTR 5/12/12										
			PHONE 06/12										
			POSTAGE 06/12										
			PRINTING 06/12										
			RENT 06/12										
			TECH SHARING 06/12										
			OFFICE SUPPLIES 06/12										
			HEALTH INS - ADMIN 06/12										
			HEALTH INS - FIELD 06/12										
6/14/12	00257		CSID STM WTR REVIEW 05/12							CORAL SPRINGS IMPROVEMENT DIST WS		16,013.58	002883
6/14/12	00248		LEGAL SERVICES 05/12							GLEN HANKS CONSULTING ENGINEERS		6,737.50	002884
6/14/12	00186		GEN'L ENGINEERING 05/12							LEWIS, LONGMAN & WALKER, P.A.		13,693.30	002885
										MCKUNE & ASSOCIATES, INC.		1,820.00	002886
										TOTAL FOR BANK A		38,264.38	
										TOTAL FOR REGISTER		38,264.38	

*** CHECK DATES 06/15/2012 - 06/15/2012 ***

CSID - GENERAL FUND
BANK A CHECKING - GENERAL F

AMOUNT

...CHECK...
AMOUNT #

AMOUNT

STATUS

VENDOR NAME

EXPENSED TO...
DATE NUMBER YRMO FND DFT ACCT# SUB

6/15/12 00008

GAS/PUMP STATIONS
GAS/PUMP STATION
GAS/DRAINAGE PUMP STATION SUN GAS

5,427.93 002887

5,427.93

5,427.93

TOTAL FOR BANK A

TOTAL FOR REGISTER

*** CHECK DATES 06/20/2012 - 06/20/2012 ***

CSID - GENERAL FUND

BANK A CHECKING - GENERAL F

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO	YRMO	FND DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK #
6/20/12	00263		SERVER LIC. INSTALLATION					ADVANCED PROCESSING & IMAGING, INC		6,670.00	002888
6/20/12	00146		TRIBUNE (150 GAL) DMA 4 IVM (50 GAL)					HELENA CHEMICAL CO.		6,658.50	002889
TOTAL FOR BANK A										13,328.50	
TOTAL FOR REGISTER										13,328.50	

*** CHECK DATES 06/01/2012 - 06/01/2012 *** CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK VENDOR#INVOICE.....EXPENSED TO.....
 DATE NUMBER YRMO FND DPT ACCT# SUB

6/01/12 99999 VOID CHECK *****INVALID VENDOR NUMBER*****
 6/01/12 01130

JJ KELLER-JAN OSHA FOLDER
 IPOWER-DUE BY GF
 BIG ANTHONY'S-LUNCH DFS
 POSTAGE METER REFILL
 BIG ANTHONY'S-LUNCH DFS
 AMAZON-2 FUJI SCANNER GF
 NORTON ANTI-VIRUS-KAY
 INTERBAY-POSTAGE MTR INK
 IX WEB HOSTING
 S.E.DESALTING SEMINAR-ED
 S.E.DESALTING - ALVAN
 AMAZON-LAPTOP CART-DAN
 FASD CONF.2012-TED MENA
 FLOWERS/ALVANS BROTHER
 ACCESS GATE CARDS
 STOPZILLA VIRUS-STEVE

AMERICAN EXPRESS
 PLANT & GATE PHONES 05/12 AT & T
 OVERNIGHT SERV - CSID WS
 OVERNIGHT SERV - NSID WS FEDEX
 ANNUAL EMERG. PHONE PLANT
 ANNUAL EMERG. PHONE FIELD
 ANNUAL EMERG PHONE-GF

INTER DEPT ENV. - ADMIN
 CHAIRS(2)/FOLDING TABLE
 COPY PAPER & SUPP - ADMIN
 CREDIT ADMIN SUPP
 CREDIT ADMIN SUPP
 CREDIT ADMIN SUPP
 RENEW BULK MAIL PERMIT
 ADMIN COFFEE SUPP/WATER
 PLANT COFFEE SUPPLIES
 MANAGEMENT FEE 05/12
 POSTAGE 05/12
 COPIES 05/12
 OFFICE SUPPLIES 05/12
 PHONE 05/12

UNIFORMS - PLANT
 UNIFORMS - FIELD
 UNIFORMS - DUE GF
 UNIFORMS - PLANT
 UNIFORMS - FIELD
 UNIFORMS - DUE GF
 UNIFORMS - PLANT

AMOUNT
 SEVERN TRENT ENVIRONMENTAL SERVICES
 SEVERN TRENT ENVIRONMENTAL SERVICES

CHECK DATE	VEND#	INVOICE DATE	NUMBER	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
6/01/12	00064								UNIFORMS - FIELD		679.06	013678	
									UNIFORMS - DUE GF		490.27	012679	
									TRASH SERVICE 06/12		20,026.08		
TOTAL FOR BANK E											20,026.08		
TOTAL FOR REGISTER											20,026.08		

*** CHECK DATES 06/05/2012 - 06/05/2012 ***
 CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK VENDOR#	DATE	INVOICE#	EXPENSED TO	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK#
6/05/12 01346			INSPECTIONS "8" BUILDINGS						ABC ROOFING		1,200.00	012680
6/05/12 01270			NATURESCAPE 04/11-04/12						BROWARD COUNTY COMMISSION		3,809.00	012681
6/05/12 00352			UTILITY TAXES 05/12						CITY OF CORAL SPRINGS		48,773.05	012682
6/05/12 00153			REIMB.PAYPAL P.FLOW 05/12						DALY, DAN		111.35	012683
6/05/12 01327			ONE TIME INSTALL FEE LIFT						DATA FLOW SYSTEMS, INC		5,950.00	012684
6/05/12 00488			STORAGE TANK REGISTRATION						DEP - STORAGE TANK REGISTRATION		225.00	012685
6/05/12 00018			GATE VALVE						FERGUSON ENTERPRISES, INC.		133.84	012686
6/05/12 00020			TISAB II									
			FLUORIDE STD									
			FLUORIDE									
			BRCESOL GREEN									
			PHENOLPHTHALEIN									
			TURBIDITY METER						FISHER SCIENTIFIC COMPANY LLC.		774.30	012687
6/05/12 00056			CBOD & TSS									
			CBOD & TSS									
			CBOD & TSS									
			CBOD & TSS									
			SLUDGE CAKE #1									
			CBOD & TSS									
			CBOD & TSS									
6/05/12 01294			STAIN. STEEL CASE WELL#10						FLORIDA SPECTRUM ENV. SERVICES, INC		717.60	012688
6/05/12 00023			ADMIN ELECTRIC 05/12						FLORIDA BEARINGS, INC.		36.68	012689
			FLAMT ELECTRIC 05/12									
			FIELD ELECTRIC 05/12						FLORIDA POWER & LIGHT CO.		60,753.69	012690
6/05/12 01341			WS-01/SWR MAIN CLEAN&NSP						LAK PIPE RENEWAL LLC		20,200.00	012691
6/05/12 00398			WINDOW ENV & DOOR HANGERS						NATIONWIDE GRAPHICS CORPORATION		494.20	012692
6/05/12 00533			OIL FILTER									
			OIL FILTER									
			SPRING									
			SENSOR									
			SHOP SUPPLY									
			ENVIRN. FEE									
			LABOR									
			PARTS									
			TROUBLESHOOT & DIAGNOSE						POWERPLAN (NORTRAK)		503.17	012693
6/05/12 00183			ASPHALT REPAIRS						PENCE SEALCOATING CORP.		8,000.00	012694
6/05/12 00200			PROJ WS-LS2012-02 LS30/32						SUN-SENTINEL (SOUTH FLORIDA)		255.80	012695

CSID -----CSID----- KWOOD

*** CHECK DATES 06/05/2012 - 06/05/2012 ***
 CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK VENDOR#	DATE	INVOICE#	NUMBER	YRMO	FND	DFT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK#
6/05/12	00751								US BANK		151,250.00	012696
6/05/12	01098								US BANK		17,896.00	012697
6/05/12	01183								US BANK		164,847.00	012698
6/05/12	00077								DEGREASER			
									CREDIT			
									SHIPPING			
6/05/12	01011								WESTERN ENVIRONMENTAL INDUSTRIAL SV		606.73	012699
									COPY MACH LEASE06/12#7232			
									COPY MACHINE LEASE 05/12 XEROX CORPORATION		255.60	012700
									TOTAL FOR BANK E		486,793.01	
									TOTAL FOR REGISTER		486,793.01	

CSID -----CSID----- KWOOD

*** CHECK DATES 06/06/2012 - 06/06/2012 ***

CSID - WATER & SEWER FUND

BANK E CHECKING - W & S

....INVOICE.....EXPENSED TO....

CHECK VENDOR DATE DATE NUMBER YRMO FND DPT ACCT# SUB

6/06/12 88888 100759807 MOYNA PROPERTIE MOYNA PROPERTIES INC

6/06/12 88888 510927018 GRANT DEAN *DEAN GRANT

6/06/12 88888 420272204 VIGORITA LOUIS *LOUIS VIGORITA

6/06/12 88888 720637504 MORALES MAXIMO MAXIMO J MORALES

6/06/12 88888 520941105 UBITCH JOHNATHAN *JOHNATHAN UNTCH

6/06/12 88888 540256608 LAZAR BRUCE/CYNTHIA LAZAR

6/06/12 88888 540262007 COASTAL EQUITY COASTAL EQUITY CORPORATION

6/06/12 88888 440329820 MCLENNAN SHAEER *SHAERAHON MCLENNAN

6/06/12 88888 940554007 VARGA FERENC FERENC VARGA

6/06/12 88888 040571714 MC DERMOTT PATR *PATRICIA MC DERMOTT

6/06/12 88888 140702204 GARRISON *JASON *JASON GARRISON

6/06/12 88888 650244403 DEUTSCH BRETT BRETT DEUTSCH

6/06/12 88888 550252915 MILLINDER KENNE *KENNETH/TIFFANY MILLINDER

6/06/12 88888 760106506 SALUTE LEONARD/ LEONARD/MARIA SALUTE

6/06/12 88888 460543013 ILLUMINATION 10 ILLUMINATION 10

6/06/12 88888 060665111 THRILL JAMES JAMES THRILL

6/06/12 88888 370490407 PHAN/ LUONG ANN PHAN/CHINH LUONG

6/06/12 88888 980676804 AHM INVESTMENT AHM INVESTMENT

6/06/12 88888 180870404 RICHARDSON MILD MILDRED RICHARDSON

6/06/12 88888 790058003 GREENE STEVEN STEVEN GREENE

6/06/12 88888 790110706 JACKSON JEFFREY JEFFREY JACKSON

6/06/12 88888 090726105 FERGUSON ANDREW *ANDREW FERGUSON

6/06/12 88888 790768514 LEE WOON SEOB *WOON SEOB LEE

6/06/12 88888 790785010 HYLANDER PHIL PHIL HYLANDER

6/06/12 88888 890903007 MORLA SEAN *SEAN MORLA

6/06/12 88888 890912303 KAMIAB LORI LORI KAMIAB

6/06/12 88888 890913202 KOGAN JEFF JEFF KOGAN

63.88 012701

7.05 012702

64.90 012703

36.58 012704

20.55 012705

115.86 012706

35.27 012707

73.83 012708

764.30 012709

107.92 012710

106.13 012711

12.71 012712

49.39 012713

42.20 012714

8.48 012715

540.00 012716

46.87 012717

100.00 012718

362.09 012719

36.27 012720

213.73 012721

16.74 012722

51.17 012723

28.03 012724

42.15 012725

27.05 012726

64.57 012727

....CHECK.....

AMOUNT #

AMOUNT

STATUS

VENDOR NAME

CSID -----CSID----- KWOOD

*** CHECK DATES 06/06/2012 - 06/06/2012 ***
 CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK DATE	VEND#	INVOICE DATE	NUMBER	YRMO	FND	DFT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
6/06/12	88888		890917207						MEDINA OSCAR *OSCAR MEDINA			43.16	012728
6/06/12	00887								REHUILT D.W. INJ-PUMP 401 ADVANCED MECHANICAL ENGINEERING			19,827.48	012729
6/06/12	00694								TECH SUPP 04/26-05/25/12 ASSOCIATED SYSTEMS, INC.			1,647.93	012730
TOTAL FOR BANK E											24,556.29		
TOTAL FOR REGISTER											24,556.29		

CSID -----CSID----- KWOOD

*** CHECK DATES 06/11/2012 - 06/11/2012 *** CSID - WATER & SEWER FUND

*****INVOICE*****EXPENSED TO... BANK E CHECKING - W & S

CHECK VENDOR# DATE NUMBER YRMO FND DPT ACCT# SUB VENDOR NAME STATUS AMOUNT

6/11/12 01040 INTERNET CONN 06/12 ADVANCED CABLE COMMUNICATIONS 168.53 012731

6/11/12 00528 INDOOR PEST CONTROL 06/12 AL HOFFER'S PEST PROTECTION, INC. 250.00 012732

6/11/12 01227 ADDL PEST CONTROL 06/12 AMC SURVEILLANCE CAMERAS 140.00 012733

6/11/12 00121 PAYABLE DENTAL 07/12 AMRITAS LIFE INSURANCE CORP. 6,649.92 012734

6/11/12 00694 ADMIN DENTAL 07/12 ASSOCIATED SYSTEMS, INC. 7,182.00 012735

6/11/12 00963 PLANT DENTAL 07/12 AT & T 54.19 012736

6/11/12 00527 FIELD DENTAL 07/12 BROWARD COUNTY HEALTH DEPARTMENT 5,390.00 012737

6/11/12 01330 RENEW DRINKING WTR PERMIT CHAPPY'S POOL STORE 7.00 012738

6/11/12 01327 REPAIR KIT/WADER-CHARLIE DATA FLOW SYSTEMS, INC 3,400.00 012739

6/11/12 01269 ONE TIME INSTALL FEE LEFT

HOURS TECH
TECH HOURS FLOW METER REM
CONTROL RELAYS 115 VAC DP
REPAIR PLANT #1ULTRASONIC
RELAY PLUG IN BASE
DPS CHARGES

100PSI PRESSURE TRAN-NANO
DIGITAL DISPLAYS-NANO
ANALOG INPUT CARDS-NANO
TECH HRS-NANO
INSTALLATION WATER-NANO

0-100PSI PRESS. TRANS-NANO
DIGITAL DISPLAYS-NANO
ANALOG INPUT CARDS-NANO
INSTALLATION WATER-NANO
HOUR TECH-NANO

TECH HOURS
50FT. COAXIAL CABLE W/END
DATARADIO INTEGRA TR MODE DELTA CONTROLS

6/11/12 00056 BACTIS-MAY (35)
BACTIS-MAY (10)
BACTIS-MAY (9)
FLUORIDE
STANDARD PLATE COUNT (3)
SLUDGE CAKE # 2
CBOD & TSS
SLUDGE CAKE # 3
CBOD & TSS
SLUDGE CAKE # 4
CBOD & TSS

9,763.39 012741

*** CHECK DATES 06/11/2012 - 06/11/2012 ***
 CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK VENDOR#	DATE	INVOICE#	EXPENSED TO	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK#
			TRIHAL/HALOC									
			CBOD & TSS									
			SLUDGE CAKE # 5									
			CBOD & TSS									
			CBOD & TSS						FLORIDA SPECTRUM ENV. SERVICES, INC		3,351.00	012743
6/11/12	01294		BEARING / RAS PUMP									
			SEAL PART - C18581						FLORIDA BEARINGS, INC.		251.23	012744
			SEAL-PART C13650									
6/11/12	01131		POST MTR 06/5/12-09/04/12						FRANCOTYP-POSTALIA, INC.		179.85	012745
6/11/12	00138		RENT PUMP 3" GAS TRASH									
			HOSE SUCTION									
			HOSES/WTP						GENERAL RENTAL CENTER		887.95	012746
			MALE CAMLK/FEMALE THREADS									
6/11/12	00063		SOLENOID VALVES						GRAINGER, INC.		307.56	012747
6/11/12	00514		SLUDGE MGMT SEWER 05/12						H & H LIQUID SLUDGE DISPOSAL, INC.		11,020.80	012748
6/11/12	00074		GAS - PLANT									
			GAS - FIELD						HOLLINGSWORTH OIL CO., INC		6,818.00	012749
6/11/12	00033		NORTH BLOWER MATERIALS									
			EXT. CORDS									
			MAINTENANCE SUPPLIES									
			FIELD SUPPLIES									
			1 GAL JOINT COMPOUND						HOME DEPOT		238.11	012750
			CHOLRINE SEDIMENT U.SINK									
6/11/12	01329		IRA-06/05/12 PLAN 705880						VANTAGEPOINT TRANSFER AGENTS-705880		470.00	012751
6/11/12	01201		401-06/05/12 PLAN 106832						VANTAGEPOINT TRANSFER AGENTS-106832		5,723.64	012752
6/11/12	01202		457-06/05/12 PLAN 306644						VANTAGEPOINT TRANSFER AGENTS-306644		2,729.25	012753
6/11/12	01093		LANDSCAPE MAINT 06/12						JLS LANDSCAPE SERVICES, INC.		3,900.41	012754
6/11/12	01308		LIME									
			FUEL- 25.16 @ 24.50¢= 71.									
			RAIL/BARGE						LHOIST NORTH AMERICA OF ALABAMA, LLC		6,156.71	012755
6/11/12	01299		REIMB.SEMINAR TRAVEL EXP.						TED MENA		268.62	012756
6/11/12	01348		SANITARE DIFFUSERS/E AIR									
			RETAINING RINGS									
			9" SPANNER WRENCH						MKI SERVICES, INC		1,842.00	012757
6/11/12	00398		PRINTONIX P300/600RIBBONS						NATIONWIDE GRAPHICS CORPORATION		565.33	012758
6/11/12	00358		CK FREE IN WRONG ACCOUNT						NORTH SPRINGS IMPROVEMENT DISTRICT		62.30	012759
6/11/12	01347		BRAND ESSENTIAL OILS									

CSID -----CSID----- KWOOD

*** CHECK DATES 06/11/2012 - 06/11/2012 *** CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK DATE	VEND#	INVOICE#	EXPENSED TO	VENDOR NAME	STATUS	AMOUNT	CHECK#
DATE	NUMBER	YRMO	FND DPT ACCT# SUB				AMOUNT #
6/11/12	00044		FOGMASTER VECTRA-JET FOGMASTER TIMERS	ODOR CONTROL PRODUCTS & EQUIPMENT		2,586.40	012760
6/11/12	01150		3 VISA G.C.@150 EACH &FEE 4 VISA G.C.@75 EACH &FEE	OFFICE DEPOT CREDIT PLAN		784.65	012761
6/11/12	00045		2 MGRS. DESKS - NANO WRENCH HEADLIGHT BATTERY UNIT 39 BOOSTER TEAM HD TOGGLE SWITCH GOLF CART	OFFICE DEPOT PEP BOYS		533.58	012762
6/11/12	00351		EMBOSSED ALUMINUM CHARACT EMBOSSED ALUMINUM CHARACT SHIPPING	RITZ SAFETY EQUIPMENT, LLC		193.61	012763
6/11/12	01258		PHOSPHATE-CP-33 2,900LBS	STERLING WATER TECHNOLOGIES, LLC		96.76	012764
6/11/12	01175		UNIFORMS - PLANT UNIFORMS - FIELD UNIFORMS - DUE GF	UNIFIRST CORPORATION		2,639.00	012765
6/11/12	01264		ADMIN PHONE 06/12 PLANT PHONE 06/12 FIELD PHONE 06/12	WINDSTREAM NUVOX, INC.		188.06	012766
6/11/12	01264		ADMIN PHONE 06/12 PLANT PHONE 06/12 FIELD PHONE 06/12	WINDSTREAM NUVOX, INC.		170.87	012767

TOTAL FOR BANK E 85,198.53

TOTAL FOR REGISTER 85,198.53

CHECK DATE	VEN#	INVOICE DATE	EXPENSED TO	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
6/14/12	00818		ADDL BENE BY EMP	06/12					ACCESS LEGAL		104.65	012769	
6/14/12	00121		ADMIN VISION	07/12									
			PLANT VISION	07/12									
			FIELD VISION	07/12									
			PAYABLE VISION	07/12					AMERITAS LIFE INSURANCE CORP.		1,444.24	012770	
6/14/12	00026		GEN'L ENG.	10/11-02/12					CH2M HILL, INC.		540.00	012771	
6/14/12	00017		OVERNIGHT SERV	- CSID					FEDEX		24.94	012772	
6/14/12	01302		LEGISLATION/LEGAL	05/12					LEWIS, LONGMAN & WALKER, P.A.		448.57	012773	
6/14/12	01302		LEGAL SERVICES	05/12					LEWIS, LONGMAN & WALKER, P.A.		221.08	012774	
6/14/12	01056		GEN'L ENGINEERING	05/12					MCKUNE & ASSOCIATES, INC.		3,250.00	012775	
6/14/12	01117		REIMB. MILEAGE	(SEMINAR)					NEALON, MARK		47.84	012776	
6/14/12	01150		OFFICE SUPPLIES	- ADMIN					OFFICE DEPOT		83.62	012777	
			OFFICE SUPPLIES	- FIELD									
TOTAL FOR BANK E											6,165.04		
TOTAL FOR REGISTER											6,165.04		

*** CHECK DATES 06/15/2012 - 06/15/2012 *** CSID - WAYER & SEWER FUND BANK E CHECKING - W & S

CHECK DATE	VEN#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT
6/15/12	00005		COT-SOD HYPO FUEL SURCHARGE	ALLIED UNIVERSAL CORP.		3,589.76	012778
6/15/12	00977		STORAGE CHAMBER SPONGES PROBE GUARD FOR Y95 REPAIR-LABOR FREIGHT			282.88	012779
6/15/12	01267		PROBE Y559 FREIGHT	AQUATIC ECO-SYSTEMS INC.		24.95	012780
6/15/12	01327		OIL CHANGE UNIT 39	CYPRESS MOBIL			
6/15/12	01269		ONE TIME INSTALL FEE LIFT RENTAL FEE CENTRAL SITE RENTAL FEE LIFT STATION	DATA FLOW SYSTEMS, INC		8,141.67	012781
6/15/12	00018		TECH TIME ALIEN BRADLEY 24VDC POWER COOLING BLOWER 18 GAUGE TWISTED PR SIGN. TECH TIME TECH TIME MCCROMETER FLOWMETER OUPP EDCO SIGNAL SURGE SUPP W3	DELTA CONTROLS		2,543.45	012782
6/15/12	00056		PARTS/LS GRIP RING ASSEMBLY	FERGUSON ENTERPRISES, INC.		3,870.07	012783
6/15/12	00138		QUARTERLY WELL SPRING/ANNUALS WT QUARTERLY MON. CBOD & TSS WTP QUARTERLY MONITORING CBOD & TSS CBOD & TSS SLUDGE CAKE #7 CBOD & TSS SLUDGE CAKE #8 CBOD & TSS	FLORIDA SPECTRUM ENV. SERVICES, INC		5,399.40	012784
6/15/12	00027		CAMLOCKS MALE THREAD	GENERAL RENTAL CENTER		39.90	012785
6/15/12	00063		MAY/UNLIMITED POLYMER JUNE/UNLIMITED POLYMER	GENERIC CHEMICAL		3,750.00	012786
6/15/12	00031		FUSES STEEL HOOK CONTRACTOR STARTER /LS CONTRACTOR STARTER/LS 999 FREIGHT	GRAINGER, INC.		180.12	012787

CSID -----CSID----- KWOOD

CHECK VENDOR#	DATE	INVOICE#	EXPENSED TO	YRMO	FND	DPT	ACT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK#	AMOUNT
6/15/12 00074			HANDLING						GRAYBAR ELECTRIC CO.				413.46 012788
6/15/12 00033			DIESEL/FIELD DIESEL/PLANT FILTER/SUPPLIES PLANT SUPPLIES SUPPLIES PVC CEMENT 2GAL JUG						HOLLINGSWORTH OIL CO., INC				970.48 012789
6/15/12 00155			ADMIN NEXTEL 06/12 PLANT NEXTEL 06/12 FIELD NEXTEL 06/12 NEXTEL 06/12 DUE CSID GF NEXTEL 06/12 DUE SUNSHINE						HOME DEPOT				645.91 012790
6/15/12 01335			TAP & DRILL SET						R & B SUPPLY CO., INC.				1,245.52 012791
6/15/12 99999			VOID CHECK						*****INVALID VENDOR NUMBER*****				150.00 012792
6/15/12 00351			CHEMICAL GOGGLES GLOVES XL GLASSES SMOKE LARGE PATCH W/TP HYDROGEN PEROXIDE LATEX GLOVES LG LATEX GLOVES XL EAR PLUGS UNCORDED LATEX GLOVES 2 CASES GLOVES HIGH VOLTAGE LEATHER PROT RUBBER INSULATING GLOVE FRIEIGHT										.00 012793
6/15/12 00782			MONTHLY ASSESSMNT BILLING POSITIVE RESPONSE						RITZ SAFETY EQUIPMENT, LLC				1,038.27 012794
6/15/12 01175			UNIFORMS - PLANT UNIFORMS - FIELD UNIFORMS - DUE GF						SUNSHINE STATE ONE CALL OF FLA.				72.42 012795
6/15/12 00066			5 GAL DISTILLED WATER 5 GAL BOTTLE DEPOSIT 5 GAL BOTTLE RETURN OIL/FUEL						UNIFIRST CORPORATION				188.06 012796
									ZEPHYRHILLS				26.94 012797
									TOTAL FOR BANK E				32,573.26
									TOTAL FOR REGISTER				32,573.26

*** CHECK DATES 06/19/2012 - 06/19/2012 *** CSID - WATER & SEWER FUND

BANK E CHECKING - W & S

CHECK VEND#INVOICE.....EXPENSED TO... VENDOR NAME STATUS AMOUNTCHECK.....

DATE DATE NUMBER YRMO FND DPT ACCT# SUB

6/19/12 88888 890913002 LIPPEL THEODORE THEODORE LIPPEL 101.34 012798

TOTAL FOR BANK E 101.34

TOTAL FOR REGISTER 101.34

*** CHECK DATES 06/20/2012 - 06/20/2012 ***
 CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK DATE	VEND#	INVOICE DATE	NUMBER	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK #
6/20/12	01089								PLANT PHONE 06/12			69.16 012799
6/20/12	01184								AT & T			203.37 012800
6/20/12	01150								COPY MACH06/11/12-9/10/12			19.68 012801
6/20/12	01150								OFFICE SUPPLIES ~ ADMIN			724.14 012802
6/20/12	01125								INK/CHAIRS(S)/MATS(2)NANO			16.00 012803
6/20/12	00200								RETURN 05/24 PR DEDUCTION			119.50 012804
6/20/12	01264								NOT OF WORKSHOP 05/23/12			381.61 012805
									SUN-SENTINEL (SOUTH FLORIDA)			
									ADMIN PHONE 06/12			
									WINDSTREAM NUVOX, INC.			
									TOTAL FOR BANK E		1,533.46	
									TOTAL FOR REGISTER		1,533.46	

*** CHECK DATES 06/26/2012 - 06/26/2012 ***
 CSID - WATER & SEWER FUND
 BANK E CHECKING - W & S

CHECK DATE	VEND#	DATE	INVOICE NUMBER	EXPENSED TO	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK #
6/26/12	01280									ADMIN HEALTH INS 07/12			
										PLANT HEALTH INS 07/12			
										FIELD HEALTH INS 07/12			
										PAYABLE HEALTH INS 07/12			
										COBRA HLTH-ZICH 07/12			
6/26/12	01329									IRA-06/19/12 PLAN 705880		46,357.70	012806
6/26/12	01201									401-06/19/12 PLAN 106832		445.00	012807
6/26/12	01202									457-06/19/12 PLAN 306644		5,547.05	012808
6/26/12	01231									PAYABLE LIFE INS 07/12		2,729.25	012809
										ADMIN LIFE INS 07/12			
										PLANT LIFE INS 07/12			
										FIELD LIFE INS 07/12			
6/26/12	01150									OFFICE SUPPLIES - ADMIN			
										OFFICE SUPPLIES - ADMIN			
										OFFICE SUPPLIES - PLANT		115.07	012811
										OFFICE SUPPLIES - PLANT			
										TRASH SERVICE 07/12		490.27	012812
6/26/12	00064									WASTE MANAGEMENT			
												63,792.81	
TOTAL FOR BANK E												63,792.81	
TOTAL FOR REGISTER												63,792.81	

*** CHECK DATES 06/27/2012 - 06/27/2012 ***
CSID - WATER & SEWER FUND
BANK E CHECKING - W & S

CHECK DATE	VEND#	INVOICE DATE	NUMBER	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
6/27/12	01351		REHAB WW EFF. PUMP #3						LANZO CONSTRUCTION CO., FL		9,420.00	9,420.00	012813
6/27/12	00073		REFLENISH BULK POSTAGE						POSTMASTER		7,167.68	7,167.68	012814
6/27/12	01352		GEN.OBLIG.WS BOND SER2000						FRAGER & CO., LLC		2,000.00	2,000.00	012815
6/27/12	01350		SUB.W&S REV.BONDS SER2007						AARON M URBAN		530.00	530.00	012816
			HURRICANE PANELS FOR ED								19,117.68	19,117.68	
									TOTAL FOR BANK E				
									TOTAL FOR REGISTER				

CHECK DATE	VEND#	INVOICE DATE	EXPENSE TO	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK#
6/29/12	00360		HURRICANE PREPAREDNESS						CASH		10,000.00	012817
6/29/12	00122		ADDL DENTAL PAYABLE						07/12			
			ADDL DENTAL ADMIN						07/12			
			ADDL DENTAL PLANT						07/12		87.88	012818
6/29/12	00425		ADMIN COFFEE SUPP/WATER						COMPBENEFITS COMPANY			
			GATORADE/SODA									
			CDR'S 100 PACK									
			PLANT COFFEE SUPPLIES									
			FIELD COFFEE SUPPLIES									
			ADMIN-CLEANING/PAPER SUPP									
			FIELD-CLEANING/PAPER SUPP									
			COOKIES/WATER 5/21MEETING									
			COOKIES FOR 6/21 MEETING						SAM'S CLUB/GENB		1,031.49	012819
											11,119.37	
											11,119.37	

TOTAL FOR BANK E
 TOTAL FOR REGISTER