

**Lee County Board Of County Commissioners  
Agenda Item Summary**

Blue Sheet No. 20030857

**1. REQUESTED MOTION:**

**ACTION REQUESTED:**

Approve Addenda to the Construction Manager Agreement, (Contract #2426), RFQ-02-07 Green Meadows Water Plant/Corkscrew Water Plant Interconnection with Storage Tank Facility and Corkscrew Water Treatment Plant Expansion & Improvements, for the Division of Utilities, to Earth Tech A Tyco International LTD. Company, to include the Guaranteed Maximum Price (GMP) in the amount of \$2,160,384.00 (includes the 5% CM fee) for the Corkscrew Water Treatment Plant Expansion and Improvements and in the amount of \$109,817.00 (includes the 5% CM Fee) for the Green Meadows Water Plant/Corkscrew Water Plant Interconnection with Storage Tank Facility. Also request Board approve waiving of any formal process (if needed) and authorize the use of the Direct Material Purchase Orders based on CM's competitive process, which allows the County to purchase directly from suppliers of equipment and/or materials as a cost/time saving measure. Also approve budget transfer of \$385,619.00 from Green Meadows WTP Improvement Project to the Green Meadows/Corkscrew interconnect project and amend FY 02/03-06/07 CIP accordingly.

**WHY ACTION IS NECESSARY:** Board approval required.

**WHAT ACTION ACCOMPLISHES:** Authorizes Earth Tech Inc. to begin site preparation and purchase long-lead materials that will be specially fabricated for the Corkscrew Water Plant Expansion. The project will increase the plant capacity from 10 million gallons per day to 15 million gallons per day. These improvements are included in the Capital Improvement Element of the Lee County Comprehensive Plan.

**2. DEPARTMENTAL CATEGORY:**

10. Utilities

COMMISSION DISTRICT #: 5

*CIOB*

**3. MEETING DATE:**

*08-19-2003*

**4. AGENDA:**

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED:

**5. REQUIREMENT/PURPOSE:**  
(Specify)

- STATUTE
- ORDINANCE
- ADMIN. CODE *AC-4-4*
- OTHER

**6. REQUESTOR OF INFORMATION:**

- A. COMMISSIONER
- B. DEPARTMENT *PUBLIC WORKS*
- C. DIVISION *UTILITIES*
- BY: *RICK DIAZ, DIRECTOR*

*[Signature]*  
*8/5/03*

**7. BACKGROUND:**

On February 18, 2003 the Board approved award to Earth Tech Inc. for professional construction management services for RFQ-02-07 Green Meadows Water Plant/Corkscrew Water Plant Interconnection with Storage Tank Facility and Corkscrew Water Treatment Plant Expansion & Improvements in the amount of five percent (5%) of the total construction project and also authorized staff to enter into a Construction Manager Agreement.

At this time the Utilities Division is requesting Board approve the Guaranteed Maximum Price (GMP) of \$2,294,144.00 (includes the 5% CM Fee). In order for the County to take advantage of saving the sales tax and as a time saving measure we are requesting authorization to waive any formal process and allow for the purchase of materials/equipment from various vendors selected by the Construction Manager and the County.

Funding is available in account: 20711448712.506540 for \$2,160,384.00  
Funding will be available in account: 20710548731.506540 for \$109,817.00

Attachment: Letters from Earth Tech dated July 18, 2003.  
Budget Transfer Form

**8. MANAGEMENT RECOMMENDATIONS:**

**9. RECOMMENDED APPROVAL:**

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services			G County Manager
					OM	Risk	GC	
<i>8/6/03</i> <i>[Signature]</i> Gilbertson Lavender	<i>8/4/03</i> <i>[Signature]</i>	N/A	<i>8/5/03</i> <i>[Signature]</i>	<i>8/6/03</i> <i>[Signature]</i>	<i>8-7-03</i> <i>[Signature]</i>	<i>8/7/03</i> <i>[Signature]</i>	<i>8/7/03</i> <i>[Signature]</i>	<i>8/6/03</i> <i>[Signature]</i> Gilbertson for Lavender

**10. COMMISSION ACTION:**

- APPROVED
- DENIED
- DEFERRED
- OTHER

**Rec. by CoAtty**  
Date: *8/6/03*  
Time: *1:40*  
*1:00m*  
**Forwarded To:**  
*City Admin*  
*8-6-03*

**RECEIVED BY**  
**COUNTY ADMIN:**  
*8/6/03*  
*4:30pm*  
**COUNTY ADMIN**  
**FORWARDED TO:**  
*8/6/03*

# REQUEST FOR TRANSFER OF FUNDS

FUND NAME: LCU W&S Revenue Bonds, Series 1999A      DATE: 08/04/03      BATCH NO. \_\_\_\_\_

FISCAL YEAR: 02/03      FUND #: 48731      DOC TYPE: YB      LEDGER TYPE: BA

TO: Capital Projects      Water System Projects  
       (DIVISION NAME)      (PROGRAM NAME)

NOTE: PLEASE LIST THE ACCOUNT NUMBER BELOW IN THE FOLLOWING ORDER:  
 FUND #-DEPT/DIV #-PROGRAM #-OBJECT CODE #-SUBFUND #-PROJECT#-COST CENTER #.  
 (EXAMPLE: BB5120100100.503450)

ACCOUNT NUMBER	OBJECT NAME	DEBIT
20710548731.506540	Construction - Improvements	\$ 385,619
TOTAL TO:		\$ 385,619

FROM: Capital Projects      Water System Projects  
       (DIVISION NAME)      (PROGRAM NAME)

ACCOUNT NUMBER	OBJECT NAME	CREDIT
20710448731.506540	Reserves for Contingencies Land and Court Deposit	\$ 385,619
TOTAL FROM:		\$ 385,619

EXPLANATION: Transfer budget from Green Meadows WTP Improvement project to the Green Meadows/Corkscrew Interconnect project.

      8/5/03

\_\_\_\_\_  
 DIVISION DIRECTOR SIGNATURE      DATE

RICK DIAZ, P.E.

DBS: APPROVAL       DENIAL

APPROVAL \_\_\_\_\_      DENIAL \_\_\_\_\_

CO. ADMIN.: APPROVAL \_\_\_\_\_      DENIAL \_\_\_\_\_

BCC APPROVAL DATE \_\_\_\_\_

      8/4/03

\_\_\_\_\_  
 DEPARTMENT DIRECTOR SIGNATURE      DATE

SCOTT GILBERTSON FOR J. LAVENDER

      8-7-03

\_\_\_\_\_  
 OPERATIONS ANALYST SIGNATURE      DATE

\_\_\_\_\_  
 BUDGET OPERATIONS MANAGER SIGNATURE      DATE

\_\_\_\_\_  
 CO. ADMIN. SIGNATURE      DATE

\_\_\_\_\_  
 BCC CHAIRMAN SIGNATURE

BA NO: \_\_\_\_\_      AUTH CODE: \_\_\_\_\_      TRANS DATE: \_\_\_\_\_

July 18, 2003

Glenn Semanisin  
Lee County Utilities  
1500 Monroe Street  
Ft. Myers, FL 33901

Subject: **GMP-01 Corkscrew Water Treatment Plant Expansion & Improvements**

Dear Glenn,

The CM is pleased to present the proposal for GMP 01 that covers the scope items contained in your two (2) letters dated June 12, 2003 and enclosed herewith.

The schedule has projected the approval and construction activities for GMP 01 and the complete Pre-Construction activities for Corkscrew Water Plant Expansion. This GMP will fund CM personnel time through October 2003. In addition, the reimbursables for CM operational needs have been extended to October 2003 as well.

The quotations for equipment that will be ordered, subject to the County approving shop drawings, as well as bid proposals for preliminary site preparation are included in this proposal

The following provisions shall be included in our Addendum to Construction Management Contract # 2426:

- 1) The Guaranteed Maximum Price (GMP) for the Phase One Contract Addendum shall be \$2,160,384.00.
- 2) ARTICLE 3. COMPENSATION, Page 4, 3.01, first paragraph, line six, insert " \$108,019.00 for Phase I"
- 3) ARTICLE 3, COMPENSATION, Page 4, 3.01 (2), line two, insert "\$21,604.00" and on line three, insert "for a five (5) month period"
- 4) ARTICLE 3, COMPENSATION, Page 4, 3.02, first paragraph, line 3, insert "Corkscrew Water Plant 90% Plans & Specifications dated March 2003"
- 5) ARTICLE 3, COMPENSATION, Page 5, 3.03, first paragraph, line three & four, insert "four (4) months to substantial completion and five (5) months to final completion"

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A tyco INTERNATIONAL LTD. COMPANY

6) ARTICLE 3, COMPENSATION, Page 5, 3.03, second paragraph, line three and four, insert "\$21,604.00 per calendar month, or \$720.13 per calendar day, beyond such five (5) month period"

We trust you will find this proposal acceptable and are available at your convenience to discuss any and all portions of this proposal.

Very truly yours

Earth Tech Inc.



Alan L. Butler  
Construction Manager

Telephone

239.466.7430

Facsimile

239.466.8740

# Lee County Utilities, Capital Improvements Program, Fort Myers, Florida

## GMP #1

1) Preconstruction / Design Duration-NTF	8/1/2003	TO	11/22/2003	164 CD'S	545	Months or 23 Weeks
2) Construction Duration	8/1/2003	TO	11/22/2003	164 CD'S	545	Months or 23 Weeks
3) Total Duration	8/1/2003	TO	11/22/2003	164 CD'S	545	Months or 23 Weeks

DESCRIPTION	%	Needed Duration	QTY	UNIT COSTS @ Billing Rate				TOTAL COSTS @ Billing Rate				TOTALS
				LABOR	MTRL	EQUIP	OTHER	LABOR	MTRL	EQUIP	OTHER	

CORCSREW WATER TREATMENT PLANT EXPANSION & IMPROVEMENTS												
PRE-CONSTRUCTION PERSONNEL												
015	Program Manager	Agustin, Marstany	Vice President	7%	5 MO	1.6	WKS	7,280	11,939	-	-	11,939
020	Project Manager	Mike Stock	Director	25%	5 MO	6.6	WKS	6,240	40,934	-	-	40,934
025	Construction Manager	Alan Butler	Construction Manager	45%	5 MO	11.5	WKS	3,240	37,195	-	-	37,195
026	Construction Manager-Pre GMP #1	Alan Butler	Construction Manager	100%	15 MO	6.0	WKS	3,240	19,440	-	-	19,440
030	Project Superintendent	Thomas Quinn	Superintendent	45%	5 MO	11.5	WKS	2,880	33,062	-	-	33,062
035	Project Engineer	Mike Buono	Construction Engineer	45%	5 MO	11.5	WKS	2,820	32,374	-	-	32,374
038	Consultability Engineer	Steve Burgham	Construction Engineer	21%	5 MO	4.9	WKS	4,888	24,049	-	-	24,049
040	Estimator	Erk Houma	Estimator	28%	5 MO	6.6	WKS	4,888	30,701	-	-	30,701
045	Scheduler	Pate Greenmyer	Project Controls	18%	5 MO	4.1	WKS	4,680	19,188	-	-	19,188
050	Accountant	Lonny Huff	Project Controls	7%	5 MO	1.6	WKS	4,680	7,675	-	-	7,675
055	Contract Administrator	Nancy Quio	Procurement	7%	5 MO	1.6	WKS	3,848	6,311	-	-	6,311
						<b>2,239</b>	<b>HRS</b>		<b>262,868</b>			<b>262,868</b>

HOME OFFICE CONSTRUCTION SUPPORT-DURING CONSTRUCTION												
115	Program Manager	Agustin, Marstany	Vice President	5%	5 MO	1.2	WKS	7,280	8,528	-	-	8,528
120	Project Manager	Mike Stock	Director	20%	5 MO	4.7	WKS	6,240	29,239	-	-	29,239
130	Procurement	Mich Sastala	Procurement	50%	5 MO	11.7	WKS	3,848	45,077	-	-	45,077
140	Estimator	Erk Houma	Estimator	20%	5 MO	4.7	WKS	4,680	21,929	-	-	21,929
145	Scheduler	Pate Greenmyer	Project Controls	15%	5 MO	3.5	WKS	4,680	18,447	-	-	18,447
150	Accountant	Lonny Huff	Project Controls	5%	5 MO	1.2	WKS	4,680	5,482	-	-	5,482
155	Contract Manager	Nancy Quio	Procurement	30%	5 MO	7.0	WKS	4,888	27,046	-	-	27,046
160	Cost Engineer	Steve Burgham	Construction Engineer	20%	5 MO	4.7	WKS	4,888	22,904	-	-	22,904
*70	Chemical	Pat Smith	Assistant	22%	5 MO	5.2	WKS	1,783	9,173	-	-	9,173
175	Reproduction Expenses					5	MO	280	-	-	-	280
180	Office and Engineering Supplies					11	LS	3,715	-	-	-	3,715
185	Travel - (225), Lodging (210), Per diem (184)					11	TRIPS	619	-	-	-	619
						<b>2</b>	<b>TRAMO</b>		<b>185,784</b>			<b>185,784</b>
						<b>1,782</b>	<b>HRS</b>		<b>11,823</b>			<b>11,823</b>

SUBTOTAL HOME OFFICE CONSTRUCTION SUPPORT												
						<b>1,782</b>	<b>HRS</b>		<b>185,784</b>			<b>185,784</b>
						<b>1,078</b>	<b>HRS</b>		<b>78,074</b>			<b>78,074</b>

SUBTOTAL PRE-CONSTRUCTION PERSONNEL - ON SITE												
						<b>5,070</b>	<b>HRS OR</b>		<b>126,74</b>			<b>126,74</b>
						<b>540,159</b>	<b>MANWEKS</b>					<b>540,159</b>

CONSTRUCTION MANAGEMENT ODC'S												
401	Surveying			-	-	1.0	LS	3,000	-	-	-	3,000
402	Performance Bonds			-	-	1.0	LS	12,005	-	-	-	12,005
403	Building Permits			-	-	1.0	LS	-	-	-	-	-
404	Misc Fees and Permits			-	-	1.0	LS	-	-	-	-	-
406	Safety Orientation		Training Video	-	-	1.0	EA	5,000	-	-	-	5,000
408	Construction Photographs		Purchase Camera	-	-	1.0	EA	500	-	-	-	500
407	Testing & Laboratory Services			-	-	1.0	LS	500	-	-	-	500
408	Public Relations			-	-	5.4	MO	200	-	-	-	200
410	Power Consumption			-	-	5.4	MO	100	-	-	-	100
415	Temporary Lighting			-	-	5.4	MO	-	-	-	-	-
420	Telephone Usage Expense		2Voice/1 Fax	-	-	5.4	MO	100	-	-	-	100
430	Portable Toilets			-	-	5.4	MO	100	-	-	-	100
431	Temporary Fire Protection			-	-	5.4	MO	150	-	-	-	150
432	First Aid/PE/Supplies			-	-	5.4	MO	125	-	-	-	125
433	Trash Haul Off & Dumpsters		3 People Onsite	-	-	5.4	MO	800	-	-	-	800
434	Office Janitorial			-	-	5.4	MO	700	-	-	-	700
435	Project Identification & Signs			-	-	1.0	LS	3,000	-	-	-	3,000
436	Field Offices & Sheds		Security Shed	-	-	5.4	MO	125	-	-	-	125
437	Furniture			-	-	3.0	EA	1,033	-	-	-	1,033

**GMP #1**

**Lee County Utilities, Capital Improvements Program, Fort Myers, Florida**

1) Preconstruction / Design Duration-HIP	8/1/2003	TO	11/12/2003	164 CDS	5.45	Months or 23 Weeks
2) Construction Duration	9/1/2003	TO	11/12/2003	164 CDS	5.45	Months or 23 Weeks
3) Total Duration	6/1/2003	TO	11/12/2003	164 CDS	5.45	Months or 23 Weeks

DESCRIPTION	QTY	NEEDED DURATION	UNIT COSTS @ Billing Rate				TOTAL COSTS @ Billing Rate				TOTALS
			LABOR	MTRL	EQUIP	OTHER	LABOR	MTRL	EQUIP	OTHER	
438 Computer Equipment & STD Software	3.0	EA	5,333	-	-	-	16,000	-	-	-	16,000
439 Special Software	7.0	EA	750	-	-	-	5,250	-	-	-	5,250
440 Special Software	3.0	EA	488	-	-	-	1,467	-	-	-	1,467
441 ISP (I) Setup and Fees	3.0	EA	350	-	-	-	1,050	-	-	1,907	2,957
442 Copy Machine	5.4	MO	500	-	-	-	2,724	-	-	-	2,724
443 Fax Machine	1.0	EA	290	-	-	-	290	-	-	-	290
444 Mail, Shipping and Delivery Expenses	5.4	MO	1,000	-	-	-	5,448	-	-	-	5,448
445 Reproduction Expenses	5.4	MO	500	-	-	-	2,724	-	-	-	2,724
446 Office and Engineering Supplies	5.4	MO	475	-	-	-	2,588	-	-	-	2,588
447 Drinking Water/Coffee	5.4	MO	50	-	-	-	272	-	-	-	272
448 Cellular Phones	9.0	MO	350	-	-	-	3,150	-	-	-	3,150
449 Rental Vehicle Expense	10.9	MO	650	-	-	-	7,083	-	-	-	7,083
<b>SUBTOTAL CONSTRUCTION MANAGEMENT ODC'S</b>							<b>89,674</b>			<b>1,907</b>	<b>88,531</b>
<b>SUBCONTRACTOR DIRECT COSTS</b>											
Sub Bid Furnish Lime Softener #3	1.0	LS	439,750	-	-	-	439,750	-	-	-	439,750
Sub Bid Furnish Lime Silo #3	1.0	LS	89,200	-	-	-	89,200	-	-	-	89,200
Sub Bid Furnish Lime Feeder & Slaker #2	1.0	LS	96,000	-	-	-	96,000	-	-	-	96,000
Sub Bid Install Lime Slaker #2	1.0	LS	-	-	-	-	-	-	15,500	-	15,500
Sub Bid Install Booster Pumps & Piping	1.0	LS	-	-	-	-	-	-	50,925	-	50,925
Sub Bid Supply Booster Pumps	1.0	LS	-	-	-	-	-	-	10,366	-	10,366
Sub Bid Clear & Grub Drying Area	1.0	LS	-	-	-	-	-	-	302,360	-	302,360
Sub Bid Employee Parking Lot	1.0	LS	-	-	-	-	-	-	19,809	-	19,809
Sub Bid Barbed Wire Fence for craft parking	1.0	LS	-	-	-	-	-	-	2,600	-	2,600
Sub Bid Temporary Power	1.0	LS	-	-	-	-	-	-	7,000	-	7,000
Sub Bid Site Logistics	1.0	LS	150,527	-	-	-	150,527	-	-	-	150,527
Sub Bid Contingency	15.0	%	269,638	-	-	-	269,638	-	-	-	269,638
<b>SUBTOTAL FACILITY START-UP/COMMISSIONING</b>							<b>1,015,145</b>			<b>408,560</b>	<b>1,423,673</b>

<b>CORKSCREW WATER TREATMENT PLANT EXPANSION &amp; IMPROVEMENTS SUBTOTAL</b>		<b>2,052,365</b>
<b>CM FEE (5% of GMP)</b>		<b>108,019</b>
<b>Total GMP</b>		<b>2,160,384</b>

July 18, 2003

Tom Mamott  
Lee County Utilities  
1500 Monroe Street  
Ft. Myers, FL 33901

**Subject: GMP-01 Green Meadows Water Treatment Plant/ Corkscrew Water Treatment Plant Interconnection with Storage Tank Facility (AKA: Airport Haul Reservoir)**

Dear Tom,

The CM is pleased to present the proposal for GMP 01 that covers the requested scope of preliminary services (pre-construction) contained in your two (2) letters dated June 12, 2003 and enclosed herewith.

The schedule has projected the approval and completion of Pre-Construction activities for the Airport Haul reservoir. This GMP will fund CM personnel time through October 2003. In addition, the reimbursables for CM operational needs have been extended to October 2003 as well.

The quotations for equipment that will be ordered, subject to the County approving shop drawings, as well as bid proposals for preliminary site preparation are included in this proposal

The following provisions shall be included in our Addendum to Construction Management Contract # 2426:

- 1) The Guaranteed Maximum Price (GMP) for the Airport Haul Reservoir Phase One Contract Addendum shall be \$109,817.00.
- 2) ARTICLE 3. COMPENSATION, Page 4, 3.01, first paragraph, line six, insert " \$5,491.00 for Phase I"
- 3) ARTICLE 3, COMPENSATION, Page 4, 3.01 (2), line two, insert "\$1,098.20" and on line three, insert "for a five (5) month period"
- 4) ARTICLE 3, COMPENSATION, Page 4, 3.02, first paragraph, line 3, insert "Airport Haul Reservoir 90% Plans & Specifications dated May 2003"
- 5) ARTICLE 3, COMPENSATION, Page 5, 3.03, first paragraph, line three & four, insert "four (4) months to substantial completion and five (5) months to final completion"

Telephone

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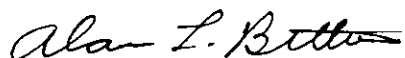
239.466.8740

6) ARTICLE 3, COMPENSATION, Page 5, 3.03, second paragraph, line three and four, insert "\$1098.20 per calendar month, or \$36.31 per calendar day, beyond such five (5) month period"

We trust you will find this proposal acceptable and are available at your convenience to discuss any and all portions of this proposal.

Very truly yours

Earth Tech Inc.



Alan L. Butler  
Construction Manager

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A **tyco** INTERNATIONAL LTD. COMPANY



**GMP #1**

**Lee County Utilities, Capital Improvements Program, Fort Myers, Florida**

Note:	1) Preconstruction / Design Duration=HTP	6/1/2003	TO	11/12/2003	184 CD'S	5.45	Months or 23 Weeks
	2) Construction Duration	6/1/2003	TO	11/12/2003	184 CD'S	5.45	Months or 23 Weeks
	3) Total Duration	6/1/2003	TO	11/12/2003	184 CD'S	5.45	Months or 23 Weeks

DESCRIPTION	GTY	Needed Duration	%	UNIT COSTS @ Billing Rate				TOTAL COSTS @ Billing Rate				TOTALS
				LABOR	MTRL	EQUIP	OTHER	LABOR	MTRL	EQUIP	OTHER	
<b>AIRPORT HAUL RESERVOIR</b>												
<b>PRE-CONSTRUCTION PERSONNEL</b>												
C16 Program Manager	0.7	5 MO	3%	7,280				5,117				5,117
C21 Project Manager	2.8	5 MO	12%	6,240				17,543				17,543
C26 Construction Manager	4.9	5 MO	21%	3,240				15,841				15,841
C31 Project Superintendent	4.9	5 MO	21%	2,880				14,170				14,170
C36 Project Engineer	4.9	5 MO	21%	2,820				13,874				13,874
335 Constructability Engineer	2.1	5 MO	9%	4,888				10,307				10,307
34.* Estimator	2.6	5 MO	12%	4,680				13,157				13,157
35.* Scheduler	1.8	5 MO	8%	4,680				8,223				8,223
35.* Accountant	0.7	5 MO	3%	4,680				3,289				3,289
356 Contract Administrator	0.7	5 MO	3%	3,648				2,705				2,705
<b>SUBTOTAL PRE-CONSTRUCTION PERSONNEL</b>	<b>2.179</b>	<b>HRS OR</b>	<b>2.179</b>					<b>104,326</b>				<b>104,326</b>
<b>TOTAL CMI LABOR</b>												<b>104,326</b>
<b>AIRPORT HAUL RESERVOIR (AKA: GreenMeadows Water Plant/ Corkscrew Water Plant Interconnection with Storage Facility) SUBTOTAL</b>												
												<b>104,326</b>
<b>CM FEE (5% of GMP)</b>												<b>5,491</b>
<b>Total GMP</b>												<b>109,817</b>