

Utility Committee Meeting

AGENDA

April 5, 2011

I. CALL TO ORDER

II. MATTERS BEFORE COMMITTEE

- 1. <u>Discussion Water Treatment Plant Phase II Recommendation</u>
- 2. <u>Purchase Hospital Transformer</u>

III. ADJOURN



Utility Committee Meeting

AGENDA

April 5, 2011

Item:
Discussion - Water Treatment Plant Phase II Recommendation Department:
Additional Information:
Financial Impact:
Budgeted Item:
Recommendation / Request:

Viewing Attachments Requires Adobe Acrobat. Click here to download.

Attachments / click to download

■ Water Treatment Plant Phase II Info

HOFSTADTER AND ASSOCIATES, INC. CIVIL/ENVIRONMENTAL/TRANSPORTATION CONSULTING ENGINEERS 4571 ARKWRIGHT ROAD MACON, GEORGIA 31210 (478) 757-1169 FAX: 471-1646 www.hofstadter.com

March 16, 2011

Mr. Julian Jackson City Manager City of Monroe P.O. Box 1249 Monroe, GA 30655

> RE: Monroe WTP, Phase II Monroe, Georgia

> > H&A File No. 5035-130-01

Dear Julian:

By this letter, Hofstadter and Associates, Inc. recommends award of the referenced project to Lanier Contracting Company in the amount of \$1,413,827.00. Hofstadter and Associates, Inc. will prepare contracts upon notice that the project has been awarded to Lanier Contracting Company and will recommend proceeding with the project upon receipt of the Executed Contracts containing Payment Bond, Performance Bond and Proof of Insurance.

If you should have any questions or need additional information, please don't hesitate to call.

Sincerely,

HOFSTADTER AND ASSOCIATES, INC.

John B. Fry, Jr., P.E. Project Engineer

When Fry

Cc: Mr. Rodney Middlebrooks

JBF/mam

HOFSTADTER AND ASSOCIATES, INC.

CIVIL/ENVIRONMENTAL/TRANSPORTATION

CONSULTING ENGINEERS 4571 ARKWRIGHT ROAD MACON, GEORGIA 31210 (478) 757-1169 FAX: 471-1646

www.hofstadter.com

March 16, 2011

Mr. Julian Jackson City Manager City of Monroe P.O. Box 1249 Monroe, GA 30655

RE:

Water Treatment Plant

Phase II

City of Monroe, GA

H&A File No. 5035-130-01

Dear Julian:

For your reference, file and use enclosed please find a copy of the Minutes for the Bid Opening and a copy of the Advertisement that ran in the McGraw Hill Dodge Reports on the referenced project.

If you should have any questions or need additional information, please don't hesitate to call.

Sincerely,

HOFSTADTER AND ASSOCIATES, INC.

John B. Fry, Jr., P.E. Project Engineer

Enclosures

Cc:

Mr. Rodney Middlebrooks, w/enc.

JBF/mmt

MINUTES FOR THE BID OPENING FOR WATER TREATMENT PLANT – PHASE II MONROE, GA H&A FILE NO. 5035-130-01

MARCH 16, 2011

11:00 AM

ATTENDANCE

NAME	<u>FIRM</u>
Mr. Julian Jackson	City of Monroe
Mr. Brian Tieslau	Lanier Contracting Company
Mr. Jerry Eubanks	P.F. Moon & Company, Inc.
Ms. Julie Owens	J.L. Construction Co., Inc.
Ms. Patricia Collins	SOL Construction LLC
Mr. Steven Ruble	Heavy Constructors, Inc.
Mr. Troy Helms	Hofstadter and Associates, Inc.
Mr. Carl Hofstadter	Hofstadter and Associates, Inc.

MINUTES

3743 (17)

I would like to welcome everyone to the Bid Opening for the Water Treatment Plant Phase II, City of Monroe, Georgia. It is now 11:00 AM and I will start reading the bids in no particular order and I will announce the apparent low bidder once I am finished reading the bids.

Contractor	Bid Amount
LANIER CONTRACTING COMPANY	\$1,413,827.00
SOL CONSTRUCTION, LLC	\$1,431,150.00
HEAVY CONSTRUCTORS, INC.	\$1,447,506.00
P.F. MOON & CO., INC.	\$1,495,000.00
JL CONSTRUCTION CO., INC.	\$1,590,875.00

The apparent low bidder is Lanier Contracting Company with a bid price of \$1,413,827.00. Once I have reviewed the bids for mathematical accuracy. Hofstadter and Associates, Inc. will e-mail everyone the results of the bid tabulations. I would like to thank everyone for their interest and if there are any questions, please feel free to ask them at this time.

There were no questions and the Bid Opening was adjourned at 11:15 AM.

McGraw Hill Network

Page 1 of 2

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STATE OF THE PARTY

Project Type:

Water Treatment Plant.

Report Type:

Project

Sub Project Count:

First Publish Date:

02/15/2011

Prior Publish Date:

03/03/2011

Publisher:

McGraw-Hill Construction Dodge

Type of Work:

Alterations

Status:

Additional Bidders - GC bids to Owner March 15 at 11:00 AM (EST) at Monroe City Hall

Status Project Deliver System:

Design-Bid-Build

Publish Date:

03/10/2011

Submit Bids To:

Owner (Public)

Engineer:

Hofstadter & Associates Inc, Carl Hofstadter, PE, (President), 4571 Arkwright Rd, Macon, GA 31210-1301 (USA), Phone:478-7571169, Fax:478-4711646, E-mail:info@hofstadter.com,

URL:http://www.hofstadter.com/

Owner (Public):

City of Monroe, Greg Thompson, (Mayor), 215 N Broad St, Monroe, GA 30655-1843 (USA),

Phone:770-2677536, Fax:770-2672319, E-mail:jjackson@monroega.gov,

URL:http://www.monroega.com/

Plans Available From:

Engineer - \$200 deposit Plan deposit non-refundable

Notes:

BNSE05

Bonds:

10% Bid Bond. 100% Performance Bond. 100% Payment Bond.

Additional Features:

Phase II upgrades of existing 10 MGD Water Treatment Plant, including retrofit and membrane replacement of 90 filter modules apiece on 7 filter skids, installation of three 25 HP blowers, installation of new air piping, demolition of existing lime silo and installation of new lime slurry tank, conversion of miscellaneous chemical feed systems, replacement of 2 ton monorail

system, and miscellaneous items

Bidders List

Bidders on GC	Bid Amount	Contact Name	Phone#	Fax#
RTD Construction Inc PO Box 996 (41422 Chancey Rd) Zephyrhills, FL 33539 PASCO USA melindalindsay@rtdconstruction.com www.rtdconstruction.com		Dannie E Jordan Contact	813-783-9119	813-783-9333
Lanier Contracting Co 3690 Lawrenceville Suwanee Rd Suwanee, GA 30024 GWINNETT USA www.laniercontracting.com		Brian Tieslau Estimator	770-932-1800	770-945-2481
Heavy Constructors Inc 1596 Lower Roswell Rd Marietta, GA 30068 COBB USA heavyjm@bellsouth.net		Don R Martin Estimating	770-321-8860	770-321-5140

CONSTRUCTION Network

Page 2 of 2

	Seimens Water Tech 333 South Street Worcester, MA 25027 WORCESTER USA		508-849-4600	508-849-4601
	Lakeshore Enginering LLC 1259 Ellsworth Dr NW Atlanta, GA 30318 FULTON USA	Garland Long	404-906-9930	404-856-4007
	J L Construction 2275 Perimeter Rd PO Box 366 (29673) Greenville, SC 29605 GREENVILLE USA	Julian Langston	864-236-9595	864-236-9596
	Allsouth Constructors Inc Po Box 1616 Covington, GA 30015 NEWTON USA		770-788-8703	770-788-8704
	Rehab Construction Company Inc 2246 Bethel Rd NE Conyers, GA 30012 ROCKDALE USA		770-922-0806	770-922-0507
	Sol Construction LLC 4120 Presidential Pkwy Ste 115 Atlanta, GA 30340 DE KALB USA	Hose Villegas POC	770-455-1822	800-996-0385
	C & B Piping 110 Parkway Dr SE Leeds, AL 35094 JEFFERSON USA	Michele Chambers	205-699-0455	205-699-0773
	Willow Construction 3970 Flint Hill Rd Powder Springs, GA 30127 COBB USA	Allan Gravill	770-222-1555	770-222-9139
	P F Moon & Co Inc PO Box 346 2207 Highway 103 West Point, GA 31833 TROUP USA info@pfmoon.com http://www.pfmoon.com/		706-643-1524	706-645-1511
į	Popco Inc. 1705 Krug St Albany, GA 31705 DOUGHERTY USA		229-436-1411	229-883-0382

BID TABULATION SUMMARY

PROJECT:

Water Treatment Plant Phase II

Monroe, Georgia

ENGINEER:

Hofstadter and Associates, Inc.

4571 Arkwright Road

Macon, GA 31210

BID OPENING:

March 15, 2011

Contractor	Bid Amount
LANIER CONTRACTING COMPANY	\$1,413,827.00
SOL CONSTRUCTION, LLC	\$1,431,150.00
HEAVY CONSTRUCTORS, INC.	\$1,447,506.00
P.F. MOON & CO., INC.	\$1,495,000.00
JL CONSTRUCTION CO., INC.	\$1,590,875.00

I hereby certify the foregoing as a true and accurate tabulation of bids received for the Water Treatment Plant Phase II, Monroe, Georgia on March 15, 2011 at 11:00 AM.

John B. Fry, Jr., P.E. – Project Manager

LANIER CONTRACTING COMPANY

I. SCHEDULE OF BID PROPOSAL

Bidder must fill in the unit prices in figures, make extensions of each item and total as indicated. For complete information concerning these items, see Plans and Specifications.

SECTION 1000 - 5000: WATER TREATMENT PLANT IMPROVEMENTS

Hem No	Quantity	Unii	Description	UnitBrae	ीलना शित्रकः
Section 10	00: Erosic	n and	Sedimentation Control Items		
1005	. 100	LF	Silt Fence (around material laydown location)	\$ 2.00	\$200.00
1010	· 10	CY.	Gravel	\$ 25.00	\$250.00
1015	1	LS	Permanent Grassing for All Disturbed Areas	\$ Lump Sum	\$ 200.00
1020	1	EA	Construction Exits	\$ 800.00	\$ 800.00

Section 2000: Monroe WTP Phase I Construction Items.

	eeer meme		Thuse reconstruction items.		*
2011	. 1	LS	Retrofit Train No. 2 Filter Skids (Units 201 - 207) to CMF Low Pressure	Work is Complete	Work is Complete
2012		LS	Low Pressure Process Air Piping Installation between Air Receivers and Train No. 2 low pressure process air header, including air regulator	Work is Complete	Work is Complete
2013	. 1	LS	Train No. 2 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Work is Complete	Work is Complete
2029	. 1	LS	Control system modifications, including programming and Wonderware software upgrades	Work is Complete	Work is Complete
2099	1	LS ·	Phase I Demolition	Work is Complete	Work is Complete

3011	1	LS	Retrofit Train No. 1 Filter Skids (Units 101 - 107) to CMF Low Pressure	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3013	1	LS	Install Train No. 1 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3020	1	ĿS	Construct Blower Building	\$ Lump Sum	\$127,549,00
-			Furnish Blower 1-3 Equipment, including filters, pressure relief valves, pressure gauges, non-return valves, ball valves,		1775
e *		-	and 25 HP motors; and including thermal mass flow meter for backwash air scour	Included in Siemens Work	Included in Siemens Work
3021.1	. 1	LS	monitoring	Proposal	Proposal
3021,2	1	LS	Furnish miscellaneous equipment, including soft starters and Motor Control Center	\$ Lump Sum	\$ 25,620,0

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No	Quantity	leinii:	Description	(Jinfe Pirise	TotalPage
				The second secon	
	368		Install Blower 1-3 Equipment, including		
3021.3	1	LS	concrete pads, mounting, starters, electrical, and MCC	\$ Lump Sum	6 2 UAQ NO
		LO	Furnish and install: 1) Low Pressure Air	φ.Lump Sum	\$ 3,409,00
			Scour Process Air Piping (all material		V 85
2			types and sizes) for: 1.1) Blower	¥	
.0			discharge no. 1 from blowers to Train 1,	8	
1 1 m	20 E	*	including air mass flow meter; 1.2) Blower .	(#)	
¥11			discharge no. 2 from blowers to Train 2,		
* 1			including disconnecting Phase I air pipe		
			and relocation of existing air mass flow		
		-50	meter; 1.3) Condensate Drain Valves and		ľ
*			drip legs; 2) Medium Pressure		
8 1	20		Backwash Process Air Piping (all		31
			material types and sizes) for: 2.1) Air piipe		
		× +	connections; 2.2) Air regulator adjustments; and 3) All Miscellaneous		*
3023	1	LS	Piping Items	\$ Lump Sum	01/7579 00
0020		- LO	Control system modifications, including	Included in	\$ 167,529,00 Included in
			programming and Wonderware software	Siemens Work	Siemens Work
3029	. 1	LS	upgrades	Proposal	Proposal
			Chemical Feed Building Monorail	ii ii	
3031	1	LS	Replacement	\$ Lump Sum	\$ 33,439,00
- 82			Lime Slurry System Installation, including	*	
	ÿ		all measures required to maintain pH	ia l	
80			control during demolition of existing lime	ă	
3041	1	LS	tank and construction of new lime tank	\$ Lump Sum	\$ 340 194,00
			Chlorine Dioxide Generator System		\$ 340,194,0
3042	- 1	LS	Replacement	\$ Lump Sum	\$ 33,634.0
3051	125	LF	Type 2 Concrete Header Curb	\$ 24,00	\$ 3,000.00
3052	125	SY	Concrete Sidewalk	\$ 72.00	\$9,000.00
			Georgia DOT Std. 9031-L Concrete		1,000,00
			Steps, including concrete and reinforcing		
3053	2	CY.	steel (for steps and coping) and handrail	\$ 950.00	\$ 1,900.00
3054	100	SY	6" Concrete Driveway	\$ 70.00	
, ,			Class "A" Pavement Removal and	* 10.00	\$7,000.00
3055	165	SY	Replacement	\$ 25.00	\$ 4,125,00
			Recycled Asphalt Concrete Driveway		1 - 1 - 1
3056	150	TN	Overlay	\$ 50.00	\$ 4,125.00
			Phase II Demolition NOTE: The City of	8	2 1 2
*			Monroe has the right to any salvaged		
	10	1	material as determined during	2	
			construction. Any material not claimed by		
	14		the City shall become the property of the		2.000.00
3099	1	LS	Contractor for disposal or other use.	Clump Cum	3,000.00
0000	L!_	LLU		\$ Lump Sum	ĮΨ

	lleiji) (NG:	(Quantity)	Unit 1	description .		Qinii Fraeg	i Totalipo	NGE
	Section 4	000: Sieme	ns Allow	rance	i i	, x	36)	•
	4005.1	1	LS .	Allowance for Siemens V	Vork Proposal	\$ Lump.Sum	\$446,250.00	
	*1	* a) (8)	Contractor's Markup for S Proposal; and all other se to perform the retrofit, inc described on Page 4 of 2	ervices required luding work	, v _y		
	4005.2	. 1	LS	24, 2009 Siemens propos Page 3 of 3 of the Feb. 3 Siemens packet	sal, and on	\$ Lump Sum	124,22	8
	Section 5	000: Gener	al Allowa	ance			*	
	5005	. 1	LS -	General Engineering Allo	wance	\$.Lump Sum	\$75,000.00	:
						(*)		•
20		a				Total Bid	\$ 1,413,86	27.0
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	TOTAL A	MOUNT O	F BID	SECTION 1000 THR	บ [ั] 5000	#		•
	One N	villion	Farra	Hundral Thirt	-cen Thou	sAnd	s 5 ⁸	
	<u>\$</u>	1651		I Twenty-Seve		्र स्टब्स स्टब्स		•
				. / .		8		
		3		Dollars			E	
	*	Zero		Cents	\$ 1,413	827.00	© (e)	

SOL CONSTRUCTION, LLC

I. SCHEDULE OF BID PROPOSAL

Bidder must fill in the unit prices in figures, make extensions of each item and total as indicated. For complete information concerning these items, see Plans and Specifications.

SECTION 1000 - 5000: WATER TREATMENT PLANT IMPROVEMENTS

ltem No. C	Quantity	Unit	Description		Unit Price	Total Pric
Section 100	0: Erosio	n and	Sedimentation Control Items		8	(4)
1005	100	LF	Silt Fence (around material laydown location)	\$	5.00	\$ 50000
1010	· 10	CY	Gravel	\$	5000	\$ 50000
1015	1	LS	Permanent Grassing for All Disturbed Areas	\$ Li	ump Sum	\$ 30000
1020	1	EA	Construction Exits	\$	1,80000	\$ 1,80000

Section 2000: Monroe WTP Phase I Construction Items

Section 2000	. WOTTO	e wii	Phase i Construction items		
2011	1	LS	Retrofit Train No. 2 Filter Skids (Units 201 - 207) to CMF Low Pressure	Work is Complete	Work is Complete
2012	1	LS	Low Pressure Process Air Piping Installation between Air Receivers and Train No. 2 low pressure process air header, including air regulator	Work is Complete	Work is Complete
2013	1	LS	Train No. 2 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Work is Complete	Work is Complete
2029	1	LS	Control system modifications, including programming and Wonderware software upgrades	Work is Complete	Work is Complete
2099	1,	LS	Phase I Demolition	Work is Complete	Work is Complete

3011	1	LS	Retrofit Train No. 1 Filter Skids (Units 101 - 107) to CMF Low Pressure	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3013	1	LS	Install Train No. 1 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Included in . Siemens Work Proposal	Included in Siemens Work Proposal
3020	1	LS	Construct Blower Building	\$ Lump Sum	\$ 147000
3021.1	1	LS	Furnish Blower 1-3 Equipment, including filters, pressure relief valves, pressure gauges, non-return valves, ball valves, and 25 HP motors; and including thermal mass flow meter for backwash air scour monitoring	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3021.2	1	LS	Furnish miscellaneous equipment, including soft starters and Motor Control Center	\$ Lump Sum	\$ 47000

		eseratora de la			
Item			Description	linit Price	Total Price
NO.	«Quantity	Entitles.	Description	Service Cincultions	3-07-01-01-01-00-0
3021.3	1	LS	Install Blower 1-3 Equipment, including concrete pads, mounting, starters, electrical, and MCC	\$ Lump Sum	\$ 7000
			Furnish and install: 1) Low Pressure Air Scour Process Air Piping (all material types and sizes) for: 1.1) Blower discharge no. 1 from blowers to Train 1, including air mass flow meter; 1.2) Blower discharge no. 2 from blowers to Train 2, including disconnecting Phase I air pipe and relocation of existing air mass flow meter; 1.3) Condensate Drain Valves and drip legs; 2) Medium Pressure Backwash Process Air Piping (all material types and sizes) for: 2.1) Air pilpe connections; 2.2) Air regulator adjustments; and 3) All Miscellaneous		
3023	1	LS	Piping Items	\$ Lump Sum	\$ 107000
3029	1	LS	Control system modifications, including programming and Wonderware software upgrades	Included in Siemens Work Proposal	Included in Siemens Work Proposal
			Chemical Feed Building Monorail	0	\$ 37000
3031	1	LS	Replacement	\$ Lump Sum	\$.
3041 3042	1	LS	Lime Slurry System Installation, including all measures required to maintain pH control during demolition of existing lime tank and construction of new lime tank Chlorine Dioxide Generator System Replacement	\$ Lump Sum \$ Lump Sum	\$ 38000
3051	125	LF	Type 2 Concrete Header Curb	\$ 19.00	\$ 2137500
3051	125	SY	Concrete Sidewalk	\$ 33.00	\$ 4,12500
3053 3054	2 100	CY	Georgia DOT Std. 9031-L Concrete Steps, including concrete and reinforcing steel (for steps and coping) and handrail 6" Concrete Driveway	\$ 600'00	\$ 1,200°°° \$ 4,300°°°
3034	100	-01	Class "A" Pavement Removal and		0 00
3055	165	SY	Replacement Recycled Asphalt Concrete Driveway	\$ 5000	\$ 8,250
3056	150	TN	Overlay	\$ 71-	\$ 11,55000
3099			Phase II Demolition NOTE: The City of Monroe has the right to any salvaged material as determined during construction. Any material not claimed by the City shall become the property of the Contractor for disposal or other use.	\$ Lump Sum	22000 \$

ltem						
No.	Quantity	Unit	Description		Unit Price	TotaliPrice
Section 4	000: Sieme	na Allau	vanaa	9		
4005.1	1	LS	Allowance for Siemens Wo	k Proposal	\$ Lump Sum	\$446,250.00
			Contractor's Markup for Sie	mens Work	Y 32111P. 33111	4110,200.00
			Proposal; and all other serv			
			to perform the retrofit, includescribed on Page 4 of 20			
		<i>EX</i>	24, 2009 Siemens proposal	and on		85000
4005.2	я	LS	Page 3 of 3 of the Feb. 3, 2 Siemens packet	011	\$ Lump Sum	\$
[4005.2]		LO	Siemens packet		φ rumb Sum	Φ
				*		
Section 5	000: Gener	al Allow	ance			4
5005	1	LS	General Engineering Allowa	ince	\$ Lump Sum	\$75,000.00
	%					•
					Total Bid:	\$1431,150,00
						
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	(4)					
ΤΟΤΔΙ. Δ	וס ידעווסא	r BTD	SECTION 1000 THRU	5000		
1011111 11	1100111 01	· Dab	DECITOR TOTO TIMO	3000		•
				*		
			Dollars	8		
			DOTTORD			
			Cents	\$		

HEAVY CONSTRUCTORS, INC.

I. SCHEDULE OF BID PROPOSAL

Bidder must fill in the unit prices in figures, make extensions of each item and total as indicated. For complete information concerning these items, see Plans and Specifications.

SECTION 1000 - 5000: WATER TREATMENT PLANT IMPROVEMENTS

e	ction 10	000:	Erosic	n and	Sedimentation Control Items	a govern	
	1005		100	LF	Silt Fence (around material laydown location)	\$ 3.00	\$ 300
100	1010	#3	- 10	CY.	Gravel	\$ 50	\$ 500
	1015	8	1	LS	Permanent Grassing for All Disturbed Areas	\$ Ľump Sum	\$ 500
	1020	((a))	1	EA	Construction Exits	\$ 750	\$ 750

2	011	* ₄₂	. 1	LS	Retrofit Train No. 2 Filter Skids (Units 201 - 207) to CMF Low Pressure	Work is Complete	Work is Complete
. 2	012		1	LS	Low Pressure Process Air Piping Installation between Air Receivers and Train No. 2 low pressure process air header, including air regulator	Work is Complete	Work is Complete
2	013	ees 1		LS	Train No. 2 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Work is Complete	Work is Complete
. 2	029	es 25	1	LS	Control system modifications, including programming and Wonderware software upgrades	Work is Complete	Work is Complete
2	099		1	LS	Phase I Demolition	Work is Complete	Work is Complete

3011	1	LS	Retrofit Train No. 1 Filter Skids (Units 101 - 107) to CMF Low Pressure	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3013	* 1	LS	Install Train No. 1 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3020	1	LS	Construct Blower Building	\$ Lump Sum	\$ 100,000
	2 N	.*	Furnish Blower 1-3 Equipment, including filters, pressure relief valves, pressure gauges, non-return valves, ball valves,		
3021.1	. 1	LS	and 25 HP motors; and including thermal mass flow meter for backwash air scour monitoring	Included in Siemens Work Proposal	Included in Siemens Work Proposal
= 1 32			Furnish miscellaneous equipment, including soft starters and Motor Control		35,000 \$ 100,000 FM
3021.2	1	LS .	Center	\$ Lump Sum	\$ 100,000

Services de la compa	La de la companya de			ner action of the second	
Item No.	Quantity	Unit	Description	Únit Price	Total Price
antender of the		A CONTRACTOR			
			Install Blower 1-3 Equipment, including	2 "	
			concrete pads, mounting, starters,		0 10 000
3021.3	1	LS	electrical, and MCC	\$ Lump Sum	\$ 10,000
	****		Furnish and install: 1) Low Pressure Air		**
			Scour Process Air Piping (all material		9
	· .	, E	types and sizes) for: 1.1) Blower		4
			discharge no. 1 from blowers to Train 1,		
2 200 2		281 T	including air mass flow meter; 1.2) Blower		
	eto eto	300	discharge no. 2 from blowers to Train 2,	, p. F.	
			including disconnecting Phase I air pipe	*	*
(b)			and relocation of existing air mass flow	= =	
		8.	meter; 1.3) Condensate Drain Valves and	4 4 4	= 8
	a		drip legs; 2) Medium Pressure	(B) 2	
# F	8		Backwash Process Air Piping (all material types and sizes) for: 2.1) Air piipe		
	₂ 8	125	connections; 2.2) Air regulator		*
	8		adjustments; and 3) All Miscellaneous	* 9	
3023	1	LS .	Piping Items	\$ Lump Sum	\$334,051
3023		LO .	Control system modifications, including	Included in	Included in
1 12	2 ² 300		programming and Wonderware software	Siemens Work	Siemens Work
3029	1	LS	upgrades	Proposal	Proposal
0020	· · · · ·		Chemical Feed Building Monorail	Тторосан	Taris
3031	1	LS	Replacement	\$ Lump Sum	\$ 35,000
1 4	•	-		*	
-	a 8		Lime Slurry System Installation, including	,	
			all measures required to maintain pH		
		:	control during demolition of existing lime		0 700 000
3041	1	LS	tank and construction of new lime tank	\$ Lump Sum	\$ 300,000
0040			Chlorine Dioxide Generator System	@ I	\$ 35,000
3042	.1.	LS	Replacement	\$ Lump Sum	
3051	125	LF	Type 2 Concrete Header Curb	\$ 10	\$ 1,250
3052	125	SY	Concrete Sidewalk	\$ 50	\$ 6250
		- In	Georgia DOT Std. 9031-L Concrete		
		a	Steps, including concrete and reinforcing		
3053	2	CY.	steel (for steps and coping) and handrail	\$ 500	\$ 1,000
3054	100	SY	6" Concrete Driveway	\$ 66	\$ 6,860 6600
			Class "A" Pavement Removal and		
3055	165	SY	Replacement	\$ 17	\$ 2,805
			Recycled Asphalt Concrete Driveway		
3056	150	TN	Overlay	\$ 115	\$ 17,250
		10	Phase II Demolition NOTE: The City of	1	
1			Monroe has the right to any salvaged		22
	1		material as determined during		
			construction. Any material not claimed by		
2			the City shall become the property of the	s	
5			Contractor for disposal or other use.	200	15 000
3099	1	LS		\$ Lump Sum	\$ 15,000

3 t	20.5					
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THE STATE OF	Madil	LYS	EATHER	Pescription	Unit Price	Total Price
	2261		2, 4		7,2	
	4000: Sie	me	ns Allov	ance		2
4005.1		1	LS	Allowance for Siemens Work Proposal	\$ Lump Sum	\$446,250.00
.			a a	Contractor's Markup for Siemens Work		\$ 110,200.00
				Proposal; and all other services required	8 8 8	N 87 (22)
* 1		3	i ibi	to perform the retrofit, including work	8	(2.)
			10	described on Page 4 of 20 of the Feb.	* .	
	* *			24, 2009 Siemens proposal, and on		2
10050			8	Page 3 of 3 of the Feb. 3, 2011	e 981 E	F
4005.2		1	LS	Siemens packet	\$ Lump Sum	\$ 25,000
14 15	*					
58 - 08						*
Section	5000: Gei	ner	al Allowa	nnce		
5005	(34)	1	LS .	General Engineering Allowance	\$ Lump Sum	\$75,000.00
	81		9	g and a morror	ψ. Lump Oum	\$75,000.00
. &						**
	,*					
	12		e (2)			1 1147 106
120					Total Bid	\$1,447,506
						N/
350 H	20 330					, T &
. /	* 8		14		fa na m	
	te t		. 1		. 8	
TOTAL A	TUNOM	OF	BID :	SECTION 1000 THRU 5000		
			. /		ded fourty	Seven
18				ALLIA TOUT HOL	wen tourty.	3606-1
+h,	on smad		fi	re handred six dol	1a15	
		*			* *	
	2					
- "				Dollars	a	
7/	s: 2				^	

P.F. MOON AND COMPANY, INC.

I. SCHEDULE OF BID PROPOSAL

Bidder must fill in the unit prices in figures, make extensions of each item and total as indicated. For complete information concerning these items, see Plans and Specifications.

SECTION 1000 - 5000: WATER TREATMENT PLANT IMPROVEMENTS

liem No	Quantity	Vinit	Description	Unit Price	Total Price
Section 10	00: Erosio	on and	Sedimentation Control Items		
1005	100	LF	Silt Fence (around material laydown location)	\$ 2,56	\$ 250,00
1010	. 10	CY-	Gravel	\$ 40.00	\$ 400.00
1015	1	LS	Permanent Grassing for All Disturbed Areas	\$ Lump Sum	\$ 2,500.00
1020	1	EΑ	Construction Exits	\$ 2,000.00	\$ 2,000.00

Section 2000: Monroe WTP Phase I Construction Items

2011	1	LS	Retrofit Train No. 2 Filter Skids (Units 201 - 207) to CMF Low Pressure	Work is Complete	Work is Complete
2012	1	LS	Low Pressure Process Air Piping Installation between Air Receivers and Train No. 2 low pressure process air header, including air regulator	Work is Complete	Work is Complete
2013	1	LS	Train No. 2 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Work is Complete	Work is Complete
2029	1	LS	Control system modifications, including programming and Wonderware software upgrades	Work is Complete	Work is Complete
2099	1	LS	Phase I Demolition	Work is Complete	Work is Complete

3011		1	LS	Retrofit Train No. 1 Filter Skids (Units 101 - 107) to CMF Low Pressure	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3013		1	LS	Install Train No. 1 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3020	H	1	LS	Construct Blower Building	\$ Lump Sum	\$ 75,000.00
B 2 ii			N	Furnish Blower 1-3 Equipment, including filters, pressure relief valves, pressure gauges, non-return valves, ball valves,		5 1
3021.1		. 1	LS	and 25 HP motors; and including thermal mass flow meter for backwash air scour monitoring	Included in Siemens Work Proposal	Included in Siemens Work Proposal
n	8	*		Furnish miscellaneous equipment, including soft starters and Motor Control		
3021.2		1	LS	Center	\$ Lump Sum	\$ 100,000.00

	ltem					
	No.	Quantity	Unit	Description	Unit Price	Total Price
				Install Blower 1-3 Equipment, including		8
				concrete pads, mounting, starters,		ii j
	3021.3	1	LS	electrical, and MCC	\$ Lump Sum	\$ 3,000.00
4		8		Furnish and install: 1) Low Pressure Air	7	7 - 7
			-	Scour Process Air Piping (all material	. *	
1.			a	types and sizes) for: 1.1) Blower		
				discharge no. 1 from blowers to Train 1,	90 2	
1				including air mass flow meter; 1.2) Blower discharge no. 2 from blowers to Train 2,		s s
	a.			including disconnecting Phase I air pipe		8 _ 18 = 9
			3	and relocation of existing air mass flow		5
				meter; 1.3) Condensate Drain Valves and	<u> </u>	
1			-	drip legs; 2) Medium Pressure		
	a	*		Backwash Process Air Piping (all	9	2 '
		N .		material types and sizes) for: 2.1) Air piipe	j.e.	
		E	o Juli a	connections; 2.2) Air regulator adjustments; and 3) All Miscellaneous		¥
g	3023	1	LS	Piping Items	\$ Lump Sum	\$ 439,425°
		8		Control system modifications, including	Included in	Included in
	2		it	programming and Wonderware software	Siemens Work	Siemens Work
_	3029	1	LS	upgrades	Proposal	Proposal
	3031		10	Chemical Feed Building Monorail		. 20 - 00
	3031	1	LS	Replacement	\$ Lump Sum	\$ 30,000.00
				Lime Slurry System Installation, including	- 8	
				all measures required to maintain pH	8	, s
	3041	1	LS	control during demolition of existing lime tank and construction of new lime tank	© L O	0 226 0000
-	3041		LO	Chlorine Dioxide Generator System	\$ Lump Sum	\$ 665,000.
	3042	1	LS	Replacement	\$ Lump Sum	\$ 225,000.00
	3051	125	LF	Type 2 Concrete Header Curb	\$ 10.00	\$ 1250.0
	3052	125	SY	Concrete Sidewalk	\$ 20.0=	\$ 2,500.95
			4.		7	7 5/855
				Georgia DOT Std. 9031-L Concrete Steps, including concrete and reinforcing		
	3053	2	CY	steel (for steps and coping) and handrail	\$ 100.00	\$ 700.92
350	3054	100	SY	6" Concrete Driveway	\$ 30.00	\$ 3,000.00
			্বা	Class "A" Pavement Removal and	8	V 21
	3055	165	SY	Replacement	\$ 25.00	\$ 4,125,99
902	0050			Recycled Asphalt Concrete Driveway		- ~
-	3056	150	TN	Overlay	\$ 14.00	\$ 2,100.00
				Phase II Demolition NOTE: The City of Monroe has the right to any salvaged		
	-			material as determined during		
				construction. Any material not claimed by		=
	}			the City shall become the property of the		
	2000	52		Contractor for disposal or other use.		- 00
	3099	1	LS		\$ Lump Sum	\$ 5,000.00

						W We	9.0	
	Item No.	Qua	intity	Unit	Description		UmtPrise	Total Price
12	Section 4	000:	Sieme		wance		11 11 12 12 12 12 12 12 12 12 12 12 12 12 12 1	
	4005.1		1	LS	Allowance for Siemens	Work Proposal	\$ Lump Sum	\$446,250.00
. 6.0		3	*	9.	Contractor's Markup for Proposal; and all other s to perform the retrofit, in described on Page 4 of 2	Siemens Work ervices required cluding work		# * * * * * * * * * * * * * * * * * * *
.		a 9		*0	24, 2009 Siemens propo	sal, and on	2	*
	-27272522 123				Page 3 of 3 of the Feb. 3	3, 2011		
	4005.2		1	LS	Siemens packet		\$ Lump Sum	\$ 50,000.00
	5 B 5 B 5 B				g a			#I
	Section 5	000:	Gener	al Allow	/ance			
l	5005	-	1	LS -	General Engineering Allo	wance	\$ Lump Sum	\$75,000.00
•		u 11						
e				· #			Total Bid.	\$ 1,495,000.9
	* 5				3 W		y w	
120							a a	
•	TOTAL A	MOUN	T OF	BID	SECTION 1000 THR	U 5000	0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 5 7 22 23 24 124
	01	45	Mi	LLION	Four HUNDRE	ED NIMETY -	FINE THOUSAND	S Double !
-							ייייייייייייייייייייייייייייייייייייייי	- DOWNING
	19	S	-4		Dollars			
			00	2100	Cents	\$ 1,49	5,000,00	7.50
		8	- 0		1			55

J.L. CONSTRUCTION CO., INC.

I. SCHEDULE OF BID PROPOSAL

Bidder must fill in the unit prices in figures, make extensions of each item and total as indicated. For complete information concerning these items, see Plans and Specifications.

SECTION 1000 - 5000: WATER TREATMENT PLANT IMPROVEMENTS

ltem No	Quantity	Unit	Description	Unit/Price	Total Price
Section 10	000: Erosid	on and	Sedimentation Control Items		
1005	100	LF	Silt Fence (around material laydown location)	\$ 5.00	\$ 500.00
1010	- 10	CY.	Gravel	\$ 50,00	\$ 500,00
1015	1	LS	Permanent Grassing for All Disturbed Areas	\$ Lump Sum	\$ 500.00
1020	1,	EA	Construction Exits	\$ 1,000.00	\$ 1,000.00

Section 2000: Monroe WTP Phase I Construction Items

COUNCITE	out monit		T Huse I donstruction tems		
2011	-1	LS	Retrofit Train No. 2 Filter Skids (Units 201 - 207) to CMF Low Pressure	Work is Complete	Work is Complete
2012	. 1	LS	Low Pressure Process Air Piping Installation between Air Receivers and Train No. 2 low pressure process air header, including air regulator	Work is Complete	Work is Complete
2013	1	LS	Train No. 2 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Work is Complete	Work is Complete
2029	1	LS	Control system modifications, including programming and Wonderware software upgrades	Work is Complete	Work is Complete
2099	1	LS -	Phase I Demolition	Work is Complete	Work is Complete

3011	1	LS	Retrofit Train No. 1 Filter Skids (Units 101 - 107) to CMF Low Pressure	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3013	1	LS	Install Train No. 1 Low Pressure Process Air Header and 16 air scour line connections to each filter skid (7 total)	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3020	1	LS	Construct Blower Building	\$ Lump Sum	\$ 169,500.00
3021.1	- 1	LS	Furnish Blower 1-3 Equipment, including filters, pressure relief valves, pressure gauges, non-return valves, ball valves, and 25 HP motors; and including thermal mass flow meter for backwash air scour monitoring	Included in Siemens Work Proposal	Included in Siemens Work Proposal
3021.2	1	LS	Furnish miscellaneous equipment, including soft starters and Motor Control Center	\$ Lump Sum	\$ 40,500,00

THE RESERVE AND ADDRESS OF THE PARTY OF THE	Service and Control	. September	The british appropriate to the propriate and the	I Name and the state of the sta	
ltem: No.	Quantity	.Unit.	Description	Unit Price	Total Price
3021.3	1	LS	Install Blower 1-3 Equipment, including concrete pads, mounting, starters, electrical, and MCC	\$ Lump Sum	\$44,500.00
0021.0	W.		Furnish and install: 1) Low Pressure Air	y Lump Sum	\$47,500.
			Scour Process Air Piping (all material		
28	20	100	types and sizes) for: 1.1) Blower	*	e "e
			discharge no. 1 from blowers to Train 1,		
· es			including air mass flow meter; 1.2) Blower		
			discharge no. 2 from blowers to Train 2, including disconnecting Phase I air pipe		
			and relocation of existing air mass flow	12	
			meter; 1.3) Condensate Drain Valves and	N.	. !
109			drip legs; 2) Medium Pressure	ii:	
	l u		Backwash Process Air Piping (all		
	f) (55)		material types and sizes) for: 2.1) Air piipe	a 391	
	(8)		connections; 2.2) Air regulator adjustments; and 3) All Miscellaneous	5 9	
3023	1	LS	Piping Items	\$ Lump Sum	\$ 117,000.00
		8	Control system modifications, including	Included in	Included in
			programming and Wonderware software	Siemens Work	Siemens Work
3029	1	LS	upgrades	Proposal	Proposal
3031	1	LS	Chemical Feed Building Monorail Replacement	\$ Lump Sum	\$ 32,000.00
0001	•	LO		φ Lump Sum	\$ 32,000.00
	9		Lime Slurry System Installation, including		
			all measures required to maintain pH control during demolition of existing lime	30 9	
3041	1	LS	tank and construction of new lime tank	\$ Lump Sum	\$ 435,000.00
			Chlorine Dioxide Generator System	+ Lump Cum	
3042	1	LS	Replacement	\$ Lump Sum	\$ 37,000.00
3051	125	LF	Type 2 Concrete Header Curb	\$ 40.00	\$ 5,000.00
3052	125	SY	Concrete Sidewalk	\$ 45.00	\$ 5,625.00
	w)	E 2	Georgia DOT Std. 9031-L Concrete	*	
			Steps, including concrete and reinforcing		
				\$3,000.00	\$ 6,000.00
3054	100	SY		\$ 50.00	\$ 5,000.00
3055	165	SV		6 160 00	0 2117500
. 3033	100	31		Φ 120.00	\$ 24,150.00
3056	150	TN	Overlay	\$ 125.00	\$ 18 750,00
15			Phase II Demolition NOTE: The City of	*	,
*			Monroe has the right to any salvaged		
		29			
			the City shall become the property of the		- g
					, n
3099	1	LS	B STATE OF THE PROPERTY OF THE	\$ Lump Sum	\$ 1,000.00
· · · · · · · · · · · · · · · · · · ·		SY SY TN	steel (for steps and coping) and handrail 6" Concrete Driveway Class "A" Pavement Removal and Replacement Recycled Asphalt Concrete Driveway Overlay Phase II Demolition NOTE: The City of	\$ 50.00 \$ 150.00 \$ 125.00	\$ 5,000.00 \$ 24,750.00 \$ 18,750.00

		and the second s		9 a -
Itém No Quanti	ty₌ Unit	Description :	UnitPrice	Total Price
Section 4000: Sie	mens Allo	wance	* 5	2 (25) 2 (26) 3 (26)
4005.1	1 LS	Allowance for Siemens Work Proposal	\$ Lump Sum	\$446,250.00
	5	Contractor's Markup for Siemens Work Proposal; and all other services required to perform the retrofit, including work		* 8
		described on Page 4 of 20 of the Feb. 24, 2009 Siemens proposal, and on Page 3 of 3 of the Feb. 3, 2011		.s.
4005.2	1 LS	Siemens packet	\$ Lump Sum	\$ 125,500.00
Spetion 5000. Con			**************************************	
Section 5000: Ger		To the second se	1	ı
5005	1 LS	General Engineering Allowance	\$ Lump Sum	\$75,000.00
ø			a Aj a	
3 ⁴	3 3		Total Bid.	\$1,590,875.00
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	5 6			15
TOTAL AMOUNT	OF BID	SECTION 1000 THRU 5000	* * · · · · · · · · · · · · · · · · · ·	a 4 v
	7	, market		ap e [€] os
One Milli	on Five	2 Hundred Ninety Thousand	Eight Hundred	Seventy
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Five		Dollars		
100	(8)	Cents \$_1,590	0,875.00	



Utility Committee Meeting

AGENDA

April 5, 2011

Item:	
Purchase - Hospital Transformer Department:	
Additional Information:	
Financial Impact:	
Budgeted Item:	
Recommendation / Request:	

Viewing Attachments Requires Adobe Acrobat. Click here to download.

Attachments / click to download

1500 KVA Padmount Transformer – 3 Phase 277/480Y/7200

FLORIDA TRANSFORMER	NO BID	BID
GRESCO UTILITY SUPPLY	\$21,008.00	4-6 WEEKS
HD SUPPLY	\$17,800.00	8-10 WEEKS
IRBY	\$15,246.00	10 WEEKS
SOLOMON CORPORATION	\$21,500.00	STOCK
TRI-STATE UTILITY	NO BID	BID
WESCO DISTRIBUTION	\$22,029.25	4-6 WEEKS