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Agenda

March 22, 2016 - Regular Meeting

Category

B. CONSENT AGENDA

Sub-Category

Financial Management

Approval Path

FM (Purchasing-Melissa)

Subject

IFB 16-0435CD: Water Treatment Plant- Biological Treatment Unit

Briefings

None

Contact and/or Presenter Information

Contact: Chris Daley, Financial Management Department, Purchasing Division, Ext. 3048.

Presenters: Ricardo Colon, Project Engineer II, Ext. 7344, and Jeff Streitmatter, Public Works Department, Project Management Division, Ext 7335.

Action Requested

Award IFB 16-0435CD: Water Treatment Plant- Biological Treatment Unit to the lowest, responsive, and responsible bidder, Vogel Bros. Building Co., Lakeland, FL, for a total of \$18,217,500.67 with 540 calendar days for completion.

Authorize the County Administrator, or designee, to execute the Agreement and accept and date the Performance and Payment Bonds.

Enabling/Regulating Authority

Manatee County Code of Laws

Background Discussion

This project consists of the construction of a Biological Treatment Unit (BTU) and interconnections at the Lake Manatee Water treatment Facility located at 17915 Waterline Road In Bradenton, Florida. The Biological Treatment Unit and interconnections consist of, but are not limited to, the construction of a BTU concrete facility that includes HVAC, electrical systems and gear, electrical room, concrete filter tanks, six (6) biological treatment filters with all required filter equipment, construction of an on-site sanitary sewer collection system, construction of an off-site force main, construction of two (2) equalization tanks with all associated equipment, instrumentation and SCADA equipment, and any ancillary requirements covered in the specifications and plans.

Formal, competitive sealed bid procedures were followed resulting in a total of five (5) bidders submitting a sealed bid for consideration. Please refer to the attached bid tabulation for the breakdown of the bids received.

On February 29, 2016, a memorandum was received from Public Works Department recommending award to Vogel Bros. Building Co., Lakeland, FL, for a total bid amount of \$18,217,500.67 with a 540 calendar day completion time.

County Attorney Review
Not Reviewed (No apparent legal issues)

Explanation of Other

Reviewing Attorney
N/A

Instructions to Board Records

Original to Board Records

Copies to:

Vogel Bros. Building Co., 2720 Drane Field Road, Lakeland, FL 33811(jjames@vogelbldg.com).

Debbie Marchbank (Debbie.marchbank@mymanatee.org), Public Works Department; Towanda Brinson, (towanda.brinson@manateeclerk.com), Accounts Payable Finance Department; and Chris Daley (chris.daley@mymanatee.org), Purchasing Division.

Cost and Funds Source Account Number and Name
Utility Rates In account keys 4166085870-534000/6085870-0004 and 4046085870-534000/6085870-0004 (WTP:Biological Treatment Unit)

Amount and Frequency of Recurring Costs
N/A

Attachments: (list)


[16-0435CD Departmental Recommendation.pdf](#)


[16-0435CD Vogel Bros Building Contract.pdf](#)


[16-0435CD Tabulation.pdf](#)

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Chris Daley - ()
Role : Item Author

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IFB # 16-0435CD
Water Treatment Plant Biological Treatment Unit
(BID "A" - Based on Completion Time of 540 calendar days)

BID "A"				1		5		2		3		4	
540 CALENDAR DAYS				Vogel Bros. Building Co. 2720 Drane Field Rd Lakeland FL 33811 (Polk County)		Orlega Industrial Contractors Inc 6415 Greenland Road Jacksonville FL 32258 (Duval County)		Poole & Kent Co. of Florida 1715 W. Lemon Street Tampa FL 33606 (Hillsborough County)		TLC Diversified Inc 2719 17th Street East Palmetto FL 34221 (Manatee County)		Wharton Smith Inc 750 Monroe Road Sanford FL 32771 (Seminole County)	
Item No.	Line Item	U/M	Qty	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	Mobilization/Demobilization	1	LS	\$640,000.00	\$640,000.00	\$1,000,000.00	\$1,000,000.00	\$100,000.00	\$100,000.00				
2	Demolition	1	LS	\$200,000.00	\$200,000.00	\$80,000.00	\$80,000.00	\$600,000.00	\$600,000.00				
3	Site Work	1	LS	\$250,000.00	\$250,000.00	\$600,000.00	\$600,000.00	\$750,000.00	\$750,000.00				
4A	Biological Treatment Unit Facility	1	LS	\$7,244,336.00	\$7,244,336.00	\$8,461,234.31	\$8,461,234.31	\$8,762,335.00	\$8,762,335.00				
4B	Filter Underdrain Equipment - AWI				\$798,750.00		\$798,750.00		\$798,750.00				
5	Yard Piping	1	LS	\$3,000,000.00	\$3,000,000.00	\$2,100,000.00	\$2,100,000.00	\$3,000,000.00	\$3,000,000.00				
6	Offsite Force Main	1	LS	\$450,000.00	\$450,000.00	\$1,000,000.00	\$1,000,000.00	\$1,300,000.00	\$1,300,000.00				
7	Plant Drain Pump Station & Grinder Pump Station	1	LS	\$250,000.00	\$250,000.00	\$300,000.00	\$300,000.00	\$450,000.00	\$450,000.00				
8	Backwash Equalization Tanks	1	LS	\$1,300,000.00	\$1,300,000.00	\$1,000,000.00	\$1,000,000.00	\$550,000.00	\$550,000.00				
9	Electrical	1	LS	\$2,300,000.00	\$2,300,000.00	\$2,100,000.00	\$2,100,000.00	\$2,000,000.00	\$2,000,000.00				
10A	Instrumentation and Controls	1	LS	\$800,000.00	\$800,000.00	\$800,000.00	\$800,000.00	\$700,000.36	\$700,000.36				
10B	SCADA Programming Services - HSQ Technologies				\$116,914.64		\$116,914.64		\$116,914.64				
	SUBTOTAL CONSTRUCTION COST				\$17,350,000.64		\$18,356,898.95		\$19,128,000.00			NO BID	\$21,930,000.00
	TOTAL BASE BID - Based on Completion Time of 540 Calendar Days				\$17,350,000.64		\$18,356,898.95		\$19,128,000.00			NO BID	\$21,930,000.00
	Contract Contingency Work (Used only with County Approval)	%	5		\$867,500.03		\$917,844.95		\$956,400.00			NO BID	\$1,096,500.00
	TOTAL OFFER FOR BID with Contract Contingency - Based on Completion Time of 540 Calendar Days				\$18,217,500.67		\$19,274,743.90		\$20,084,400.00			NO BID	\$23,026,500.00
Acknowledged Addendum #1 through 5				Yes		Yes		Yes		Yes		Yes	
Contractor's Questionnaire & License				Yes		Yes		Yes		Yes		Yes	
Public Contracting & Environmental Crimes Certification				Yes		Yes		Yes		Yes		Yes	
Florida Trench Safety Act				Yes		Yes		Yes		Yes		Yes	
Bid Bond				Yes		yes		Yes		Yes		Yes	

BID TABULATION

FOR

IFB # 16-0435CD

Water Treatment Plant Biological Treatment Unit

BID "A"

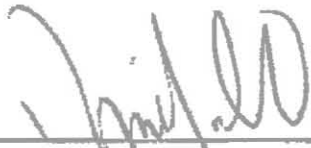
BASED ON A COMPLETION TIME OF 540 CALENDAR DAYS

PREPARED BY:
(Project Engineer)



2/23/16
Date

REVIEWED BY:
(Project Manager)



2/24/16
Date

APPROVED BY:
(Purchasing)



Chris Daley, Contract Specialist

2/29/16
Date

IFB # 16-0435CD
Water Treatment Plant Biological Treatment Unit
(BID "B" - Based on Completion Time of 630 calendar days)

BID "B"				1		2		3		4		5	
630 CALENDAR DAYS				Vogel Bros. Building Co. 2720 Drane Field Rd Lakeland FL 33811 (Polk County)		Poole & Kent Co. of Florida 1715 W. Lemon Street Tampa FL 33606 (Hillsborough County)		TLC Diversified Inc 2719 17th Street East Palmetto FL 34221 (Manatee County)		Wharton Smith Inc 750 Monroe Road Sanford FL 32771 (Seminole County)		Ortega Industrial Contractors Inc 6415 Greenland Road Jacksonville FL 32258 (Duval County)	
Item No.	Line Item	U/M	Qty	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	Mobilization/Demobilization	1	LS	\$640,000.00	\$640,000.00	\$100,000.00	\$100,000.00	\$775,000.00	\$775,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00
2	Demolition	1	LS	\$200,000.00	\$200,000.00	\$600,000.00	\$600,000.00	\$250,112.36	\$250,112.36	\$34,335.36	\$34,335.36	\$80,000.00	\$80,000.00
3	Site Work	1	LS	\$250,000.00	\$250,000.00	\$750,000.00	\$750,000.00	\$455,000.00	\$455,000.00	\$750,000.00	\$750,000.00	\$600,000.00	\$600,000.00
4A	Biological Treatment Unit Facility	1	LS	\$7,389,222.00	\$7,389,222.00	\$8,762,335.00	\$8,762,335.00	\$9,300,000.00	\$9,300,000.00	\$9,030,000.00	\$9,030,000.00	NO BID	
4B	Filter Underdrain Equipment - AWI				\$798,750.00		\$798,750.00		\$798,750.00		\$798,750.00		\$798,750.00
5	Yard Piping	1	LS	\$3,000,000.00	\$3,000,000.00	\$3,000,000.00	\$3,000,000.00	\$2,700,000.00	\$2,700,000.00	\$3,950,000.00	\$3,950,000.00	\$21,000,000.00	\$21,000,000.00
6	Offsite Force Main	1	LS	\$450,000.00	\$450,000.00	\$1,300,000.00	\$1,300,000.00	\$1,500,000.00	\$1,500,000.00	\$2,000,000.00	\$2,000,000.00	\$1,000,000.00	\$1,000,000.00
7	Plant Drain Pump Station & Grinder Pump Station	1	LS	\$250,000.00	\$250,000.00	\$450,000.00	\$450,000.00	\$300,000.00	\$300,000.00	\$200,000.00	\$200,000.00	\$300,000.00	\$300,000.00
8	Backwash Equalization Tanks	1	LS	\$1,300,000.00	\$1,300,000.00	\$550,000.00	\$550,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00
9	Electrical	1	LS	\$2,346,000.00	\$2,346,000.00	\$2,000,000.00	\$2,000,000.00	\$2,090,000.00	\$2,090,000.00	\$2,000,000.00	\$2,000,000.00	\$21,000,000.00	\$21,000,000.00
10A	Instrumentation and Controls	1	LS	\$816,000.00	\$816,000.00	\$700,000.36	\$700,000.36	\$875,000.00	\$875,000.00	\$750,000.00	\$750,000.00	\$800,000.00	\$800,000.00
10B	SCADA Programming Services - HSQ Technologies				\$116,914.64		\$116,914.64		\$116,914.64		\$116,914.64		\$116,914.64
	SUBTOTAL CONSTRUCTION COST				\$17,556,886.64		\$19,128,000.00		\$20,160,777.00		\$21,630,000.00		NO BID
	TOTAL BASE BID - Based on Completion Time of 630 Calendar Days				\$17,556,886.64		\$19,128,000.00		\$20,160,777.00		\$21,630,000.00		NO BID
	Contract Contingency Work (Used only with County Approval)	%	5		\$877,844.33		\$956,400.00		\$1,008,038.85		\$1,081,500.00		NO BID
	TOTAL OFFER FOR BID with Contract Contingency - Based on Completion Time of 630 Calendar Days				\$18,434,730.97		\$20,084,400.00		\$21,168,815.85		\$22,711,500.00		NO BID
Acknowledged Addendum #1 through 5				Yes		Yes		Yes		Yes		Yes	
Contractor's Questionnaire & License				Yes		Yes		Yes		Yes		Yes	
Public Contracting & Environmental Crimes Certification				Yes		Yes		Yes		Yes		Yes	
Florida Trench Safety Act				Yes		Yes		Yes		Yes		Yes	
Bid Bond				Yes		Yes		Yes		Yes		Yes	

BID TABULATION

FOR

IFB # 16-0436CD

Water Treatment Plant Biological Treatment Unit

BID "B"

BASED ON A COMPLETION TIME OF 630 CALENDAR DAYS

PREPARED BY:
(Project Engineer)

Mike

2-23-16
Date

REVIEWED BY:
(Project Manager)

Am

2/24/16
Date

APPROVED BY:
(Purchasing)

CD
Chris Daley, Contract Specialist

2/29/16
Date