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Agenda

April 22, 2014 - Regular Meeting

Category

B. CONSENT AGENDA

Sub-Category

Financial Management

Approval Path

FM (Purch-Melissa)

Subject

IFB #14-0131CD - Rehabilitation of Headworks and Internal Recycle Pumps at the Southeast Water Reclamation Facility

Briefings

None

Contact and/or Presenter Information

Contact: Chris Daley, Purchasing Division, Ext. 3048.

Presenter: Kent Bontrager-Engineer II, Ext. 7331 and Jeff Streitmatter-Project Management Division Manager, Ext 7335.

Action Requested

Award IFB #14-0131CD, Rehabilitation of Headworks and Internal Recycle Pumps at the Southeast Water Reclamation Facility, to the lowest, responsive, and responsible bidder, Brandes Design-Build, Inc., Clearwater, FL, for a total of \$3,943,108.40 with 365 calendar days for completion.

Authorize the County Administrator, or designee, to execute the Agreement and accept and date the Performance and Payment Bonds. Adopt Budget Amendment Resolution B-14-051.

Enabling/Regulating Authority

Manatee County Code of Laws

Background Discussion

The Work consists of rehabilitation of the Headworks and Internal Recycle Pumps at the Manatee County Southeast Water Reclamation Facility. The rehabilitation work for the Headworks includes removal and replacement of existing mechanical bar screen units, conveyors, grit removal system, and installation of a new channel liner. The rehabilitation work for the Internal Recycle Pump includes the removal and replacement of existing pumps and motors, piping, valves, electrical and control equipment, and the cleaning and structural repair of the oxidation basins. Formal, competitive sealed bid procedures were followed resulting in a total of four (4) bidders submitting a sealed bid for consideration.

Pinellas County	Bid A (365 days)	Bid B (476 days)
Brandes Design-Build, Inc.	\$3,943,108.40	\$3,943,108.40
Manatee County		
TLC Diversified, Inc.	\$4,344,868.00	\$4,344,868.00
Hillsborough County		
RTD Construction, Inc.	No Bid	\$4,183,927.00
Seminole County		
Wharton-Smith, Inc.	\$4,377,120.00	\$4,377,120.00

On April 7, 2014 a memorandum was received from Public Works Department recommending award to Brandes Design-Build, Inc. of Clearwater, FL 34221 for a total bid amount of \$3,943,108.40 with a 365 calendar day completion time.

Budget Amendment Resolution B-14-051 transfers \$4,210,000.00 from reserves in the Water/Sewer Operating Fund to the Water/Sewer Capital Improvements Fund for the following projects: \$2,360,000.00 to the Southeast Water Reclamation Facility Internal Recycle Pumps Project and \$1,850,000.00 to the Southeast Water Reclamation Facility Headworks Rehabilitation Project for construction related costs. Both projects were included within the Capital Improvement Program FY14-18 which was adopted by Resolution R-13-164 that was passed on September 19, 2013.

County Attorney Review

Not Reviewed (No apparent legal issues)

Explanation of Other

Reviewing Attorney

N/A

Instructions to Board Records

Original to Board Records

Copy to:

Brandes Design-Build, Inc., 2151 NE Coachman Road, Clearwater, FL 33765 (kevin@brandesengineering.com).

Johnnie Yetter (johnnie.yetter@mymanatee.org), Public Works Department; Towanda Brinson (towanda.brinson@manateeclerk.com), Accounts Payable Finance Department; Cassidy Rickrode (cassidy.rickrode@mymanatee.org), Financial Management Department; Chris Daley (chris.daley@mymanatee.org), Purchasing Division

Cost and Funds Source Account Number and Name

The funding source for this Agreement is Utility Rates- 4046083580-534000/6083580-0004 and 4046083380-534000/6083380-0004- SEWRF:Internal Recycle Pumps and SEWRF Headworks Rehabilitation

Amount and Frequency of Recurring Costs

N/A

Attachments: (list)


[14-0131CD
 Tabulation.pdf](#)


[14-0131CD Departmental
 Recommendation for Award.pdf](#)


[BA B-14-
 051.pdf](#)


[14-0131CD Brandes
 Design-Build
 Contract.pdf](#)


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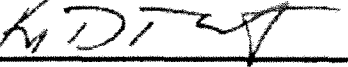
TABULATION

IFB #14-0131CD- REHABILITATION OF HEADWORKS AND INTERNAL RECYLCE PUMPS AT THE SOUTHEAST WATER RECLAMATION FACILITY

BID SUMMARY				Brandes Design-Build, Inc. 2151 NE Coachmen Rd Clearwater, FL	RTD Construction, Inc. 5344 9th Street Zephyrhills, FL 33542	TLC Diversified, Inc. 2719 17th Street East Palmetto, FL 34221	Wharton-Smith, Inc. 750 Monroe Road Sanford, FL 32771
ITEM NO.	DESCRIPTION	UNITS	QTY.	TOTAL BID PRICE	TOTAL BID PRICE	TOTAL BID PRICE	TOTAL BID PRICE
1	Bid "A" Based on Completion Time of 365 Calendar Days	LS	1	\$3,943,108.40 ✓	No Bid	\$4,344,868.00	\$4,377,120.00
2	Bid "B" Based on Completion Time of 476 Calendar Days	LS	1	\$3,943,108.40 ✓	\$4,183,927.00	\$4,344,868.00	\$4,377,120.00
Acknowledge Addendum #1				Yes	Yes	Yes	Yes
Bid Bond				Yes	Yes	Yes	Yes

Keyed By:  3/17/2014
 Chris Daley-CPPB, Contract Specialist Date

Checked and Reviewed By:  3/25/2014
 Wayne White, PE- Kimley-Horn & Associates Date

Checked and Reviewed By:  3/25/14
 Kent Bontrager, P.E- Project Manager Date

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IFB #14-0131CD- REHABILITATION OF HEADWORKS AND INTERNAL RECYLCE PUMPS AT THE SOUTHEAST WATER RECLAMATION FACILITY

Bid "A" Based on Completion
Time of 365 Calendar Days

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Zephyrhills, FL 33542

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Sanford, FL 32771

ITEM NO.	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
MOBILIZATION/DEMObILIZATION											
1	MOBILIZATION/ DEMOBILIZATION	1	LS	\$380,000.00	\$380,000.00	No Bid	No Bid	\$149,000.00	\$149,000.00	\$250,000.00	\$250,000.00
	SUBTOTAL (MOBILIZATION/DEMObILIZATION ONLY)				\$380,000.00		No Bid		\$149,000.00		\$250,000.00
INTERNAL RECYCLE PUMP (IRP) REHABILITATION											
2	IRP REMOVAL AND DISPOSAL OF GRIT MATERIAL	1,400	CY	\$80.00	\$112,000.00 ✓	No Bid	No Bid	\$132.00	\$184,800.00	\$150.00	\$210,000.00
3	IRP PRESSURE WAH BASIN/ STRUCTURAL INSPECTION	2	LS	\$5,000.00	\$10,000.00 ✓	No Bid	No Bid	\$29,000.00	\$58,000.00	\$7,500.00	\$15,000.00
4	IRP PIPING, ASSEMBLIES, AND MECHANICAL ADJUSTMENTS	2	LS	\$200,000.00	\$400,000.00 ✓	No Bid	No Bid	\$265,000.00	\$530,000.00	\$240,000.00	\$480,000.00
5	IRP ELECTRICAL AND INSTRUMENTATION	1	LS	\$138,000.00	\$138,000.00 ✓	No Bid	No Bid	\$210,000.00	\$210,000.00	\$300,000.00	\$300,000.00
6	IRP ANOXIC/AEROBIC BASIN STRUCTURAL REPAIRS										
	a CONTROL JOINT REPAIR-GRout INJECTION	400	GAL	\$150.00	\$60,000.00 ✓	No Bid	No Bid	\$152.00	\$60,800.00	\$165.00	\$66,000.00
	b CONCRETE CRACK REPAIR	2,000	LF	\$21.00	\$42,000.00 ✓	No Bid	No Bid	\$18.00	\$36,000.00	\$17.00	\$34,000.00
	c CONCRETE SPALLING REPAIR	3,000	CF	\$190.00	\$570,000.00 ✓	No Bid	No Bid	\$200.00	\$600,000.00	\$200.00	\$600,000.00
7	IRP PUMPS	4	EA	\$140,000.00	\$560,000.00 ✓	No Bid	No Bid	\$145,000.00	\$580,000.00	\$150,000.00	\$600,000.00

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Time of 365 Calendar Days

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ITEM NO.	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
	SUBTOTAL (INTERNAL RECYCLE PUMPS REHABILITATION ONLY)				\$1,892,000.00 ✓		No Bid		\$2,259,600.00		\$2,305,000.00
HEADWORKS REHABILITATION											
8	HEADWORKS CONVEYOR ASSEMBLIES	2	EA	\$80,000.00	\$160,000.00 ✓		No Bid	\$82,000.00	\$164,000.00	\$72,500.00	\$145,000.00
9	HEADWORKS MECHANICAL SCREEN ASSEMBLIES	3	EA	\$180,000.00	\$540,000.00 ✓		No Bid	\$190,000.00	\$570,000.00	\$175,000.00	\$525,000.00
10	HEADWORKS VORTEX GRIT REMOVAL SYSTEM ASSEMBLIES	2	EA	\$180,000.00	\$360,000.00 ✓		No Bid	\$198,000.00	\$396,000.00	\$210,000.00	\$420,000.00
11	HEADWORKS PIPING, ASSEMBLIES AND MECHANICAL ADJUSTMENTS	1	LS	\$80,000.00	\$80,000.00 ✓		No Bid	\$113,000.00	\$113,000.00	\$124,000.00	\$124,000.00
12	HEADWORKS NEW CHANNEL LINER SYSTEM	810	SF	\$50.00	\$40,500.00 ✓		No Bid	\$60.00	\$48,600.00	\$60.00	\$48,600.00
13	HEADWORKS STRUCTURAL DECK REPAIR AND CONCRETE COATING	2 160	SF	\$8.40	\$18,144.00 ✓		No Bid	\$10.50	\$22,680.00	\$10.00	\$21,600.00
14	HEADWORKS ELECTRICAL AND INSTRUMENTATION	1	LS	\$114,000.00	\$114,000.00 ✓		No Bid	\$227,000.00	\$227,000.00	\$140,000.00	\$140,000.00
	SUBTOTAL (HEADWORKS REHABILITATION ONLY)				\$1,312,644.00 ✓		No Bid		\$1,541,280.00		\$1,424,200.00
	TOTAL BASE BID "A" - Based on Completion Time of <u>365</u> Calendar Days				\$3,584,644.00 ✓		No Bid		\$3,949,880.00		\$3,979,200.00
15	CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)			10% OF TOTAL BASE BID	\$358,464.40 ✓		No Bid		\$394,988.00		\$397,920.00
	TOTAL OFFER FOR BID "A" with Contract Contingency - Based on Completion Time of <u>365</u> Calendar Days				\$3,943,108.40 ✓		No Bid		\$4,344,868.00		\$4,377,120.00

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IFB #14-0131CD- REHABILITATION OF HEADWORKS AND INTERNAL RECYCLE PUMPS AT THE SOUTHEAST WATER RECLAMATION FACILITY

Bid "B" Based on Completion
Time of 476 Calendar Days

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MOBILIZATION/DEMOLITION											
1	MOBILIZATION/ DEMOBILIZATION	1	LS	\$380,000.00	\$380,000.00	\$160,000.00	\$160,000.00	\$149,000.00	\$149,000.00	\$250,000.00	\$250,000.00
	SUBTOTAL (MOBILIZATION/DEMOLITION ONLY)				\$380,000.00		\$160,000.00		\$149,000.00		\$250,000.00
INTERNAL RECYCLE PUMP (IRP) REHABILITATION											
2	IRP REMOVAL AND DISPOSAL OF GRIT MATERIAL	1,400	CY	\$80.00	\$112,000.00	\$95.70	\$133,980.00	\$132.00	\$184,800.00	\$150.00	\$210,000.00
3	IRP PRESSURE WAH BASIN/ STRUCTURAL INSPECTION	2	LS	\$5,000.00	\$10,000.00	\$56,354.00	\$112,708.00	\$29,000.00	\$58,000.00	\$7,500.00	\$15,000.00
4	IRP PIPING, ASSEMBLIES, AND MECHANICAL ADJUSTMENTS	2	LS	\$200,000.00	\$400,000.00	\$199,377.00	\$398,754.00	\$265,000.00	\$530,000.00	\$240,000.00	\$480,000.00
5	IRP ELECTRICAL AND INSTRUMENTATION	1	LS	\$138,000.00	\$138,000.00	\$190,859.00	\$190,859.00	\$210,000.00	\$210,000.00	\$300,000.00	\$300,000.00
6	IRP ANOXIC/AEROBIC BASIN STRUCTURAL REPAIRS										
	a CONTROL JOINT REPAIR- GROUT INJECTION	400	GAL	\$150.00	\$60,000.00	\$155.00	\$62,000.00	\$152.00	\$60,800.00	\$165.00	\$66,000.00
	b CONCRETE CRACK REPAIR	2,000	LF	\$21.00	\$42,000.00	\$27.00	\$54,000.00	\$18.00	\$36,000.00	\$17.00	\$34,000.00
	c CONCRETE SPALLING REPAIR	3,000	CF	\$190.00	\$570,000.00	\$108.00	\$324,000.00	\$200.00	\$600,000.00	\$200.00	\$600,000.00
7	IRP PUMPS	4	EA	\$140,000.00	\$560,000.00	\$165,416.00	\$661,664.00	\$145,000.00	\$580,000.00	\$150,000.00	\$600,000.00

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	SUBTOTAL (INTERNAL RECYCLE PUMPS REHABILITATION ONLY)				\$1,892,000.00		\$1,937,965.00		\$2,259,600.00		\$2,305,000.00
HEADWORKS REHABILITATION											
8	HEADWORKS CONVEYOR ASSEMBLIES	2	EA	\$80,000.00	\$160,000.00	\$90,784.00	\$181,568.00	\$82,000.00	\$164,000.00	\$72,500.00	\$145,000.00
9	HEADWORKS MECHANICAL SCREEN ASSEMBLIES	3	EA	\$180,000.00	\$540,000.00	\$214,057.00	\$642,171.00	\$190,000.00	\$570,000.00	\$175,000.00	\$525,000.00
10	HEADWORKS VORTEX GRIT REMOVAL SYSTEM ASSEMBLIES	2	EA	\$180,000.00	\$360,000.00	\$215,571.00	\$431,142.00	\$198,000.00	\$396,000.00	\$210,000.00	\$420,000.00
11	HEADWORKS PIPING, ASSEMBLIES AND MECHANICAL ADJUSTMENTS	1	LS	\$80,000.00	\$80,000.00	\$111,470.00	\$111,470.00	\$113,000.00	\$113,000.00	\$124,000.00	\$124,000.00
12	HEADWORKS NEW CHANNEL LINER SYSTEM	810	SF	\$50.00	\$40,500.00	\$45.50	\$36,855.00	\$60.00	\$48,600.00	\$60.00	\$48,600.00
13	HEADWORKS STRUCTURAL DECK REPAIR AND CONCRETE COATING	2,160	SF	\$8.40	\$18,144.00	\$26.00	\$56,160.00	\$10.50	\$22,680.00	\$10.00	\$21,600.00
14	HEADWORKS ELECTRICAL AND INSTRUMENTATION	1	LS	\$114,000.00	\$114,000.00	\$246,239.00	\$246,239.00	\$227,000.00	\$227,000.00	\$140,000.00	\$140,000.00
	SUBTOTAL (HEADWORKS REHABILITATION ONLY)				\$1,312,644.00		\$1,705,605.00		\$1,541,280.00		\$1,424,200.00
	TOTAL BASE BID "B" - Based on Completion Time of <u>476</u> Calendar Days				\$3,584,644.00		\$3,803,570.00		\$3,949,880.00		\$3,979,200.00
15	CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)			10% OF TOTAL BASE BID	\$358,464.40		\$380,357.00		\$394,988.00		\$397,920.00
	TOTAL OFFER FOR BID "B" with Contract Contingency - Based on Completion Time of <u>476</u> Calendar Days				\$3,943,108.40		\$4,183,927.00		\$4,344,868.00		\$4,377,120.00