

*WDL* (10/29/13)



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**Agenda**

November 5, 2013 - Regular Meeting

**Category**

B. CONSENT AGENDA

**Sub-Category**

Financial Management

**Approval Path**

FM (Purch-Melissa)

**Subject**

IFB #13-1542CD - Rehabilitation of Headworks and Clarifier 3 and 4 at the Southwest Water Reclamation Facility

**Briefings**

None

**Contact and/or Presenter Information**

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

Presenter: Anthony Benitez-Engineer II Ext. 7333, and Jeff Streitmatter- Project Management Division Manager Ext 7335.

**Action Requested**

Authorization to award IFB #13-1542CD, Rehabilitation of Headworks and Clarifier 3 and 4 at the Southwest Water Reclamation Facility, to the lowest, responsive, and responsible bidder, Brandes Design-Build, Inc., Clearwater, FL, for a total base bid of \$2,691,300.00 (Bid "A", 425 calendar days), and authorize the County Administrator, or designee, to execute the Agreement and accept and date the Performance and Payment Bonds, and adopt Budget Amendment Resolutions B-14-018 and B-14-019.

**Enabling/Regulating Authority**

Manatee County Code of Laws

**Background Discussion**

The Work consists of rehabilitation of the Headworks and Clarifier numbers 3 and 4 at the Manatee County Southwest Water Reclamation Facility. The rehabilitation work for the Headworks includes removal and replacement of existing concrete channel liner system, conveyors, grit cyclones, and classifiers. The rehabilitation work for Clarifier numbers 3 and 4 includes the removal and replacement of existing clarifier mechanisms, pumps variable frequency drives, and new control panels. Formal, competitive sealed bid procedures were followed resulting in a total of six (6) bidders submitting a sealed bid for consideration.

Pinellas County	Bid A (425 days)
Brandes Design-Build, Inc.	\$2,691,300.00

Manatee County	
TLC Diversified, Inc.	\$2,822,660.00
Cardinal Contractors, Inc.	\$2,924,250.00
Westra Construction	\$2,969,980.00

Hillsborough County	
RTD Construction, Inc.	\$2,902,869.88

Polk County	
Vogel Bros. Building Co.	\$2,790,000.00

On October 11, 2013, a memorandum was received from Public Works Department recommending award to Brandes Design-Build, Inc. of Clearwater, FL 34221 for a total base bid of \$2,691,300.00 with a 425 calendar day completion time (Bid "A").

Budget Amendment Resolution B-14-018 represents a transfer of \$1,500,000 from the Water/Sewer Reserves to the Southwest Water Reclamation Facility Clarifier 3 and 4 Rehabilitation Capital Improvement Project (6078981). Budget Amendment Resolution B-14-019 represents a transfer of \$300,000 from the Water/Sewer Improvements Reserves to the Southwest Water Reclamation Facility Headworks Rehabilitation Capital Improvement Project (6036084). Both projects were included within the Capital Improvement Program FY14-18 which was adopted by Resolution R-13-164 which 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](mailto:kevin@brandesengineering.com)).

Gwen Richards ([gwen.richards@mymanatee.org](mailto:gwen.richards@mymanatee.org)) and Kathleen Casey ([kathleen.casey@mymanatee.org](mailto:kathleen.casey@mymanatee.org)), Public Works Department; Towanda Brinson ([towanda.brinson@manateeclerk.com](mailto:towanda.brinson@manateeclerk.com)), Accounts Payable Finance Department; Chris Daley ([chris.daley@mymanatee.org](mailto:chris.daley@mymanatee.org)), Purchasing Division

**Cost and Funds Source Account Number and Name**

The funding source for this Agreement is Utility Rates and Utility 2010B RZEDB Bonds- 4046036084-534000/6036084-0004 and 4046078981-534000/6078981-0004- SWWRF:Headworks Rehabilitation and SWWRF:Clarifiers 3&4

**Amount and Frequency of Recurring Costs**

N/A

**Attachments: (list)**

-   
[Brandes Design-Build Contract.pdf](#)
-   
[13-1542CD Tabulation.pdf](#)
-   
[B.14.018.pdf](#)
-   
[B-14-019.pdf](#)

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Chris Daley - ()  
Role : Item Author

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TABULATION  
 IFB #13-1542CD- REHABILITATION OF HEADWORKS AND CLARIFIER 3 AND 4 AT THE SOUTHWEST WATER RECLAMATION FACILITY

ITEM NO.	DESCRIPTION	EST. QTY.	U/M	Brandes Design-Build, Inc. 2151 NE Coachmen Road Clearwater, FL 33765		Vogel Bros. Building Co. 2700 Drane Field Rd. Lakeland, FL 33811		TLC Diversified, Inc. 2719 17th Street East Palmetto, FL 34221		Cardinal Contractors, Inc. 10405 Technology Terrace Lakewood Ranch, FL 34211		Westra Construction Corp. 1263 12th Avenue East Palmetto, FL 34221		RTD Construction, Inc. 5344 9th Street Zephyrhills, FL 33542	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
<b>MOBILIZATION/DEMOLITION</b>															
1	MOBILIZATION/ DEMOBILIZATION	1	LS	\$225,000.00	\$225,000.00	\$200,000.00	\$200,000.00	\$155,000.00	\$155,000.00	\$290,000.00	\$290,000.00	\$266,000.00	\$266,000.00	\$100,000.00	\$100,000.00
	<b>SUBTOTAL (MOBILIZATION/DEMOLITION ONLY)</b>				<b>\$225,000.00</b>		<b>\$200,000.00</b>		<b>\$155,000.00</b>		<b>\$290,000.00</b>		<b>\$266,000.00</b>		<b>\$100,000.00</b>
<b>HEADWORKS REHABILITATION</b>															
2	CONVEYERS	2	EA	\$75,000.00	\$150,000.00	\$115,000.00	\$230,000.00	\$129,000.00	\$258,000.00	\$116,000.00	\$232,000.00	\$138,100.00	\$276,200.00	\$148,290.00	\$296,580.00
3	CLASSIFIERS AND PIPING	2	EA	\$75,000.00	\$150,000.00	\$144,000.00	\$288,000.00	\$104,000.00	\$208,000.00	\$105,000.00	\$210,000.00	\$95,000.00	\$190,000.00	\$110,760.00	\$221,520.00
4	JIB CRANES AND HOISTS	2	EA	\$50,000.00	\$100,000.00	\$20,000.00	\$40,000.00	\$42,000.00	\$84,000.00	\$65,000.00	\$130,000.00	\$16,000.00	\$32,000.00	\$8,460.00	\$16,920.00
5	EXISTING CHANNEL LINER REMOVAL, NEW LINER, AND CONCRETE REPAIRS	1,000	SF	\$40.00	\$40,000.00	\$78.00	\$78,000.00	\$63.00	\$63,000.00	\$50.00	\$50,000.00	\$53.00	\$53,000.00	\$37.31	\$37,310.00
6	REPAIR OF CONCRETE CURB AND REBATE AROUND GRIT CHAMBERS	1	LS	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$42,000.00	\$42,000.00	\$50,000.00	\$50,000.00	\$36,250.00	\$36,250.00	\$43.18	\$43.18
7	COATING SYSTEM INSIDE GRIT CHAMBERS	500	SF	\$21.00	\$10,500.00	\$23.00	\$11,500.00	\$35.00	\$17,500.00	\$19.00	\$9,500.00	\$53.00	\$26,500.00	\$12.74	\$6,370.00
8	EPOXY INJECTION FOR CONCRETE CRACK REPAIR	150	LF	\$60.00	\$9,000.00	\$42.00	\$6,300.00	\$50.00	\$7,500.00	\$75.00	\$11,250.00	\$51.00	\$7,650.00	\$52.39	\$7,858.50
9	ANTI-SLIP SAFETY TREADS FOR STAIRS	180	LF	\$10.00	\$1,800.00	\$100.00	\$18,000.00	\$27.00	\$4,860.00	\$150.00	\$27,000.00	\$36.00	\$6,480.00	\$31.04	\$5,587.20
10	ELECTRICAL AND INSTRUMENTATION	1	LS	\$135,000.00	\$135,000.00	\$80,000.00	\$80,000.00	\$87,000.00	\$87,000.00	\$45,000.00	\$45,000.00	\$83,000.00	\$83,000.00	\$62,900.00	\$62,900.00
11	DISCRETIONARY WORK (USED ONLY WITH COUNTY APPROVAL)				\$100,000.00		\$100,000.00		\$100,000.00		\$100,000.00		\$100,000.00		\$100,000.00
	<b>SUBTOTAL (HEADWORKS REHABILITATION ONLY)</b>				<b>\$721,300.00</b>		<b>\$871,800.00</b>		<b>\$871,860.00</b>		<b>\$864,750.00</b>		<b>\$811,080.00</b>		<b>\$755,088.88</b>

TABULATION  
 IFB #13-1542CD- REHABILITATION OF HEADWORKS AND CLARIFIER 3 AND 4 AT THE SOUTHWEST WATER RECLAMATION FACILITY

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				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
<b>CLARIFIER 3 AND 4 REHABILITATION</b>															
12	Miscellaneous Work and Cleanup	1	LS	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$4,800.00	\$4,800.00	\$1,500.00	\$1,500.00	\$15,000.00	\$15,000.00	\$2,080.00	\$2,080.00
13	Clarifier Mechanisms	2	EA	\$500,000.00	\$1,000,000.00	\$511,600.00	\$1,023,200.00	\$553,000.00	\$1,106,000.00	\$550,000.00	\$1,100,000.00	\$588,500.00	\$1,177,000.00	\$629,470.00	\$1,258,940.00
14	Scum System	2	EA	\$145,000.00	\$290,000.00	\$60,000.00	\$120,000.00	\$63,000.00	\$126,000.00	\$66,000.00	\$132,000.00	\$63,750.00	\$127,500.00	\$72,360.00	\$144,720.00
15	RAS Pumps	3	EA	\$70,000.00	\$210,000.00	\$85,000.00	\$255,000.00	\$82,000.00	\$246,000.00	\$82,000.00	\$246,000.00	\$83,800.00	\$251,400.00	\$93,067.00	\$279,201.00
16	Electrical and Instrumentation	1	LS	\$130,000.00	\$130,000.00	\$225,000.00	\$225,000.00	\$223,000.00	\$223,000.00	\$200,000.00	\$200,000.00	\$232,000.00	\$232,000.00	\$272,840.00	\$272,840.00
17	Structural Inspection and Repair Allowance				\$40,000.00		\$40,000.00		\$40,000.00		\$40,000.00		\$40,000.00		\$40,000.00
18	DISCRETIONARY WORK (USED ONLY WITH COUNTY APPROVAL)				\$50,000.00		\$50,000.00		\$50,000.00		\$50,000.00		\$50,000.00		\$50,000.00
	<b>SUBTOTAL (CLARIFIER 3 AND 4 REHABILITATION ONLY)</b>				\$1,745,000.00		\$1,718,200.00		\$1,795,800.00		\$1,769,500.00		\$1,892,900.00		\$2,047,781.00
	<b>TOTAL PRICE FOR BID "A" - Based on Completion Time of 425 Calendar Days (Mobilization Subtotal plus Headworks Subtotal plus Clarifier 3 and 4 Subtotal)</b>				\$2,691,300.00		\$2,790,000.00		\$2,822,660.00		\$2,924,250.00		\$2,969,980.00		\$2,902,869.88
	Acknowledge Addendum #1				Yes		Yes		Yes		Yes		Yes		Yes
	Acknowledge Addendum #2				Yes		Yes		Yes		Yes		Yes		Yes
	Acknowledge Addendum #3				Yes		Yes		Yes		Yes		Yes		Yes
	Bid Bond				Yes		Yes		Yes		Yes		Yes		Yes

Keyed and Checked By:  10/2/2013  
 Chris Daley-CPPB, Contract Specialist Date

\*\* The Bid Submittal for RTD Construction, Inc. had mathematical errors that have been corrected in accordance with Article A.27 on page 00010-9 of the Bid documents.  
 \*\*All highlighted cells represent a mathematical error that has been corrected in accordance with Article A.27 on page 00010-9 of the Bid documents.