

**CITY OF PALM BAY, FL**

**SOUTH REGIONAL WATER RECLAMATION FACILITY  
1 MGD TO 2 MGD EXPANSION  
DESIGN AND PERMITTING SERVICES**

**In accordance with RFQ #68-0-2007/SB – ENGINEERING DESIGN AND  
CONSTRUCTION MANAGEMENT SERVICES AGREEMENT – WATER  
RECLAMATION FACILITIES (6/2/08)**

**October 21, 2024  
TASK ORDER NO. 23-13-WT – Amendment No. 1  
CITY PROJECT NUMBER 22WS14**

**Section I. BACKGROUND**

On November 14, 2023, the City of Palm Bay authorized Wade Trim to proceed with Task Order 23-13-WT providing for the preliminary and final design to increase the capacity of their South Regional Water Reclamation Facility (SRWRF) to 2 MGD. The scope for the expansion included weir adjustments, piping, additional membrane bioreactor (MBR) equipment, pumps, air diffusers, gates, instrumentation, electrical gear, chemical storage, and screw press sludge dewatering equipment.

Amendment 1: The City has determined that they would like to add odor control in the sludge digestion and dewatering area. Odor control will include covers for the sludge digesters, blowers, and air scrubbers.

Details of the additional scope of work are provided below.

**Section II. SCOPE OF WORK**

Wade Trim agrees to perform the following additions to the existing tasks:

**Task 1 – 30% Design**

No Change

**Task 2 – 60% Design**

No Change

**Task 3 – 90% Design**

f) Odor Control: Wade Trim will update the basis of design technical memorandum, update the cost estimate, develop new process, structural, instrumentation, and electrical plan sheets, provide new specifications, and revise the permit application.

**Task 4 – Permitting**

No Change

## **Task 5 – Final Design**

No Change

### **SECTION III: PROJECT REPRESENTATIVES**

City of Palm Bay Utilities: Gabriel Bowden  
321-952-3410  
Gabriel.bowden@palmbayflorida.org

Wade Trim: Michael Demko, P.E.  
321-728-3389  
MDemko@wadetrim.com

### **SECTION IV: PERMITTING**

A revised permit application is required to include the odor control.

### **SECTION VI: CITY'S RESPONSIBILITY**

No change from the original task order.

### **Section VII. DELIVERABLES**

No change from the original task order.

### **SECTION VII: SCHEDULE**

Work will begin within 5 days of notice-to-proceed (NTP) for the amendment and adhere to the following milestones:

Task 1: N/A

Task 2: N/A

Task 3: 90% Design  
Submit 90% 10 weeks from NTP

Task 4: N/A

Task 5: N/A

**SECTION VIII: BASIS OF COMPENSATION**

The fee for the scope of work described in Section II of this Amendment No. 1, shall not exceed a total lump sum fee of **\$68,860.00**. The modified protect total lump sum fee shall not exceed the total lump sum of **\$739,609.00** as shown in the table below. The City shall periodically compensate the Wade Trim a portion of the task fee based on mutually agreed upon percentages of completion of each task.

<b>TASK</b>	<b>DESCRIPTION</b>	<b>ORIGINAL FEE</b>	<b>AMEND #1 FEE</b>	<b>Total</b>
1	30% Design	\$201,289.00		\$201,289.00
2	60% Design	\$209,530.00		\$209,530.00
3	90% Design	\$203,120.00	\$68,860.00	\$271,980.00
4	Permitting	\$5,970.00		\$5,970.00
5	Final Design	\$50,840.00		\$50,840.00
	<b>TOTAL</b>	<b>\$670,749.00</b>	<b>\$68,860.00</b>	<b>\$739,609.00</b>

At the direction of the City, Wade Trim may be requested to provide additional services. These additional services will be billed at the standard hourly billing rates on a negotiated Lump Sum basis.

**SECTION IX. ESTIMATED CONSTRUCTION COST**

The estimated cost of construction for the project is \$31.7M.

**SECTION X. ACCEPTANCE**

If the above scope and fees meet your approval, please indicate by your signature in the space provided below and return one signed copy which will constitute an "Agreement and Notice to Proceed" for the accomplishment of this work.

WADE TRIM, INC.

City of Palm Bay, Florida

DocuSigned by:



EE6788A7B54143A

Dennis Prevo  
Senior Vice President

George Barber, CPPO, CPPB  
Chief Procurement Officer

October 21, 2024  
Date

Date



Project: SRWRF 2MGD - Amendment 1

Client: PBUD

Prepared By: M Demko

Date: October 20, 2024

Project Cost

Estimating Sheet

TO# 23-13-WT A#1

TASKS		Task 3f Odor Control	Task 2 60% Design	Task 3 90% Design	Task 4 Final Design	Task 5	Task 6	Task 7	Task 8	Task 9	Task 10 Task 10 Name	TOTAL	OTHER DIRECT COSTS		
CLASSIFICATION	RATE	HOURS \$	HOURS \$	HOURS \$	HOURS \$	HOURS \$	HOURS \$	HOURS \$	HOURS \$	HOURS \$	HOURS \$	HOURS \$	Subconsultants Aerial Photos		
Principal/Associate	\$ 275.00	24 \$6,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	24 \$6,600.00	Soils Eng.	\$ 5,000.00	
	\$ 250.00	56 \$14,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	56 \$14,000.00	Survey		
Senior Technical Professional	\$ 190.00	84 \$15,960.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	84 \$15,960.00	Mechanical		
Professional Engineer 4	\$ 150.00	126 \$18,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	126 \$18,900.00	Electrical		
Engineer 5	\$ 120.00	38 \$4,560.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	38 \$4,560.00	Environmental		
Engineer 3	\$ 120.00	32 \$3,840.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	32 \$3,840.00	Stormwater Management		
Technician 6	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Permitting		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Sub Total	\$5,000.00	
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Direct Cost		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	CADD		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Computers		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Equipment		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Photocopies		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Color Copies		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Graphics		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Computer		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Travel		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Scanner		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	OCE Printer		
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Sub Total	\$0.00	
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	OTHER DIRECT COSTS TOTAL	\$5,000.00	
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Labor Multiplier (=1 for billing rate schedule)	1.00	
	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	TOTAL DIRECT LABOR	\$ 63,860.00	
TOTAL		360 \$63,860.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	360 \$63,860.00	TOTAL COST	\$68,860.00	
BUDGET		\$68,860.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$68,860.00		