

2. Contract: Nash Street Repump Station rehabilitation, Task Order 19-10, Amendment 4 – Utilities Department (Wade Trim - \$16,200).



LEGISLATIVE MEMORANDUM

TO: Honorable Mayor and Members of the City Council

FROM: Suzanne Sherman, City Manager

THRU: Gabriel Bowden, Utilities Director; George Barber, Chief Procurement Officer

DATE: July 18, 2024

RE: Contract: Nash Street Repump Station rehabilitation, Task Order 19-10, Amendment 4 – Utilities Department (Wade Trim - \$16,200).

SUMMARY:

On August 23, 2019, the Chief Procurement Officer approved Wade Trim Task Order 19-10, Nash Street Repump Station Rehabilitation in the amount of \$79,758. This task order was for the design documents for the rehabilitation of the 32-year-old station. The design included the replacement of the existing motor control center (MCC) and four high service pumps.

The following amendments have been previously approved:

No. 1, this amendment expanded the design to include replacement of interior piping and added an alternate bid item for the potential conversion of the existing liquid sodium hypochlorite disinfection system to a chloramination system. Approved by the Chief Procurement Officer on April 23, 2020, amount \$18,850.

No. 2, this amendment adds the detailed design of a chloramination system. It will also include additional chlorine and ammonia sampling locations and an ammonium sulfate dosing location. Approved by Council on April 1, 2021, amount \$69,536.

No. 3, this amendment is for electrical instrumentation control enhancements to the pump station and includes the design and permitting of the enhancements. Approved by Council on July 20, 2023, amount \$31,800.

Wade Trim has submitted Amendment No. 4 to the task order. This amendment will provide an alternative solution to the motor control center. This change is intended to reduce costs and improve the lead times for the equipment. Staff has reviewed the scope of work and requests council approval to proceed with Task Order 19-10 – Amendment No. 4, in the amount of \$16,200.

The City's Procurement Ordinance governs the Council approval process for change orders. The Chief Procurement Officer can approve change orders up to a cumulative total of 10%, or individual change orders not to exceed \$100,000, whichever is lower; any change order in excess of \$100,000 or any change orders which cumulatively exceed 10% will be brought before Council for approval.

In accordance with the provisions of Section 287.055, Florida Statutes for Consultants Competitive Negotiation Act (CCNA), the Procurement Department solicited and accepted qualification submittals, under RFQ 36-0-2020/JG, from firms to provide continuing consulting services for water and wastewater engineering services for the Utilities Department. On July 2, 2020 Council approved the award of RFQ 36-0-2020/JG to two firms (Wade Trim and ISS) and authorized City staff to negotiate a Master Consultant Agreement. On July 28, 2020, a Master Agreement was executed with Wade Trim. Task Order 19-10, Amendment No. 4 is in accordance with the Master Agreement.

REQUESTING DEPARTMENTS:

Utilities

FISCAL IMPACT:

The total amount for the amendment to the task order is \$16,200. Funds are available in the Utilities Department's Renewal/Replacement Fund 424-8022-533-6221, project 19WS10.

STAFF RECOMMENDATION:

Motion to authorize the execution of Wade Trim Task Order 19-10 – Amendment No. 4 for the Nash Street Repump Station Rehabilitation, amount \$16,200, against Master Agreement 36-0-2020. The amended total for the task order will be \$216,144.

ATTACHMENTS:

1. Wade Trim Task Order 19-10 Amendment No 4

CITY OF PALM BAY, FL

NASH STREET REPUMP STATION REHABILITATION

In accordance with City's Master Contract #2005-28

June 12, 2024

TASK ORDER NO. 19-10 – Amendment No. 4

City Project No. 19WS10

Section I. BACKGROUND

On August 26, 2019, the City of Palm Bay authorized Wade Trim to proceed with Task Order 19-10 providing for the preliminary and final design of repumping facilities at the Nash Street Repump Station. The original scope of work included replacement in kind of the existing MCC and four high service pumps as well as media blasting and repainting of the aboveground exterior process piping.

Amendment 1: On April 23, 2020, the City of Palm Bay amended the Task Order to expand the scope of the initial Design Technical Memorandum to include replacement of the interior piping associated with the suction and discharge of the four high service pumps and a potential conversion of the existing liquid sodium hypochlorite disinfection system to a chloramination system.

Amendment 2: On April 9, 2021, the City of Palm Bay amended the Task Order to include detailed design of the chloramination system based on the final Technical Memorandum. Wade Trim submitted the 50% design on August 24, 2021 and continued to progress the design toward 100% when the project was put on hold pending incorporation of instrumentation modifications requested by the City.

Amendment 3: On June 29, 2023, the City of Palm Bay amended the Task Order to provide for electrical and instrumentation controls enhancements for the pump station. The amendment included the detailed design and permitting of those enhancements.

Amendment 4: The City has reviewed the bid plans and requested an alternative solution for the MCC, due to lead times and cost. The design will be revised to install a panelboard in lieu of a new MCC. The panelboard would feed individual components that would be wall mounted in the space where the existing MCC resides. The new equipment would be easier to temporarily mount, allowing the removal of the existing MCC.

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 – Preliminary Design Tech Memo

No Change

Task 2 – 50% Design

No Change

Task 3 – 100% Design

No Change

Task 4 – Final Design

No Change

Task 5 – Revised Final Design

- a) Draft Revised Final Design Plans
 - 1. Coordinate with electrical vendors to identify the specific equipment required.
 - 2. Revise electrical drawings to show new layout of proposed equipment.
 - 3. Revise single line to show panelboard and individual components.
 - 4. Revise proposed sequence of construction for existing MCC and proposed new equipment.
- b) Draft Revised Final Design Specifications: Revise specifications to provide basis of design for equipment selected for proposed new layout.
- c) Draft Revised Final EOPCC: Revise EOPCC to include the revision from MCC to proposed new equipment.
- d) Revise Final Design
 - 1. Provide a comment response form
 - 2. Provides Signed and Sealed Drawings
 - 3. Provide Signed and Sealed Specifications

SECTION III: PROJECT REPRESENTATIVES

City of Palm Bay Utilities: Thomas Marinelli
321-952-3410
thomas.marinelli@palmbayflorida.org

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

SECTION IV: PERMITTING

FDEP has determined that no permit modification is required for this scope of work.

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: N/A

Task 4: N/A

Task 5: Revise Final Design

- Submit Draft Redesign to City: 4 weeks from NTP
- Submit Final Redesign to City: 2 weeks from City Comments

SECTION VIII: BASIS OF COMPENSATION

The fee for the scope of work described in Section II of this Amendment No. 4, shall not exceed a total lump sum fee of **\$16,200.00**. The modified protect total lump sum fee shall not exceed the total lump sum of **\$216,144.00** 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.

TASK	DESCRIPTION	ORIGINAL FEE	AMEND #1 FEE	AMEND #2 FEE	AMEND #3 FEE	ADD FEE
1	Data Collection and Design Technical	\$19,132.00	\$16,386.00	\$0	\$0	\$0
2	50% Design	\$22,005.00	\$2,016.00	\$31,602.00	\$22,470.00	\$0.00
3	100% Design	\$26,717.00	\$224.00	\$31,188.00	\$7,980.00	\$0.00
4	Final Design	\$11,904.00	\$224.00	\$6,746.00	\$1,350.00	\$0.00
5	Revised Final Design					\$16,200.00
	SUBTOTAL	\$79,758.00	\$18,850.00	\$69,536.00	\$31,800.00	\$16,200.00
	MODIFIED TOTAL	\$216,144.00				

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 \$902,000.

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



Bill Harrington, PE
Projects Director

George Barber, CPPO, CPPB
Chief Procurement Officer

6/20/24

Date

Date

