

Mayor and Council Communication

DATE: 09/10/19

M&C FILE NUMBER: M&C 19-0115

LOG NAME: 80LAKE WORTH TRAIL PHASE 1B

SUBJECT

Authorize Execution of Amendment No. 7 to City Secretary Contract No. 44073 with Freese & Nichols, Inc., in the Amount of \$315,976.00 for Additional Engineering Services for Production of Construction documents for Lake Worth Trail Phase 1B. for a Total design Contract in the Amount of \$1,539,920.00 (COUNCIL DISTRICT 7)

RECOMMENDATION:

It is recommended that the City Council authorize the execution of Amendment No. 7 to the Engineering Agreement with Freese and Nichols, Inc., (City Secretary Contract No. 44073) in an amount not to exceed \$315,976.00 for engineering services associated with the Lake Worth Trail Phase 1B Final Design increasing the project design total to \$1,539,920.00.

DISCUSSION:

The purpose of this Mayor and Council Communication (M&C) is to authorize the execution of Amendment No. 7 to the Engineering Agreement with Freese and Nichols, Inc. (Freese and Nichols), (City Secretary Contract No. 44073) in the amount of \$315,976.00 for the design, and preparation of construction documents for the Lake Worth Trail Phase 1B Final Design, thereby revising the total contract amount to \$1,539,920.00.

Funds were earmarked for trail construction in the 2007 Lake Worth Capital Improvement Implementation Plan which is funded by Lake Worth Gas Lease Capital Legacy Fund. Total appropriations are summarized below.

Date	M&C	Amount
12/4/12	C-25989	\$300,000.00
5/6/14	C-26791	\$120,000.00
7/12/15	C-27382	\$658,834.00
12/15/15	G-18625	\$6,268,400.00
	Total	\$7,347,234.00

Design Services Agreement Amendment:

On December 4, 2012, (M&C C-25989) the City Council authorized an Engineering Agreement with Freese and Nichols in the amount of \$293,328.00 for design services for the Lake Worth Trail Preliminary Design. The Agreement was subsequently revised by six amendments totaling \$930,616.00 as follows: Amendment No. 1 in the amount of \$89,110.00 authorized on May 6, 2014, (M&C C-26791), Amendment No. 2 in the amount of \$598,940.00 authorized on July 21, 2015, (M&C C-27382), Amendment No. 3 in the amount of \$164,738.00 authorized on August 16, 2016, (M&C C-27877), Amendment No. 4 in the amount of \$23,957.00 administratively authorized on February 27, 2018, Amendment No. 5 in the amount of \$27,349.00 administratively authorized on May 16, 2018, and Amendment No. 6 in the amount of \$26,522.00 authorized January 25, 2019.

Subsequently, between Amendment No. 4 and No. 5 during the coordination of a suitable route from Marion Sansom Park south to the Trinity Trail at Anahuac Dr, it was decided by the Department to split out Phase 1 into sub-categories. Phase 1A will consist of 16,000 linear feet of trail from Marion Sansom Park west to Arrow S. Park. Phase 1B will consist of 21,000 linear feet of 10' trail from the completion of Marion Sansom Park and continue south to the Trinity Trail at Anahuac Dr.

Amendment No. 7 will provide the engineering services and assistance during the construction of phase 1B of the project.

Upon review and consideration of the proposed engineering fee and in consideration of the following additional design services already performed:

1. The original agreement combined additional scope items that were not included in a typical trail project. The initial agreement had the engineering firm prepare an alignment study for 12 miles of trail around Lake Worth. This contract was later amended to include the final design of 6 miles of trail for phase 1 (from Anahuac Dr./ Meandering Road to Arrow S Park at 1-820).
2. The engineering firm assisted the City in negotiation with the YMCA for the dedication of an easement through Camp Carter property. In addition to the trail design, the firm's scope included assessing the impacts of the trail on the Camp Carter Facility. This engineering included the design of gates, realignment of the entrance road, and several other measures that will allow the Camp to maintain secure access to their facilities with the addition of the trail.
3. During the 90% construction document design, a massive slope failure occurred on the planned trail corridor. Staff worked with the engineering firm and YMCA Camp Carter representatives to explore an alternative alignment for the trail. The realignment impacted

approximately 2 miles of the trail.

PARD staff, in considering additional design services already provided and upon review of the proposed scope and pricing for Amendment No. 7 find the fee to be fair and reasonable and recommends Amendment No. 7 for approval.

Design completion for this phase is anticipated to commence in September 2019 and be completed by September 2020.

M/WBE OFFICE: Freese and Nichols, Inc., is in compliance with the City's BDE Ordinance by committing to 16% SBE participation on this Amendment. The City SBE goal on this amendment is 7%.

The Lake Worth Trail project is located in COUNCIL DISTRICT 7.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as appropriated, of the Lake Worth Gas Lease Capital Legacy Fund.

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