



INDIAN RIVER COUNTY
SOLID WASTE DISPOSAL DISTRICT
BOARD MEMORANDUM



Date: March 15, 2019
To: Jason E. Brown, County Administrator
From: Vincent Burke, P.E., Director of Utility Services
Prepared By: Himanshu H. Mehta, P.E., Managing Director, Solid Waste Disposal District
Subject: Change Order No. 3 to Thalle (Bid #2018025)

DESCRIPTIONS AND CONDITIONS:

On April 10, 2018, the Indian River County (IRC) Solid Waste Disposal District (SWDD) awarded Bid No. 2018025 in the amount of \$16,034,260.00 to Thalle Construction Company (Thalle), Inc. of Hillsborough, North Carolina, for the construction of the Landfill Segment 3 Cell 2 Expansion, Segment 2 Partial Closure and Landfill Gas System Expansion project. A Notice to Proceed (NTP) was issued on May 9, 2018. Substantial completion of Segment 2 Partial Closure and Landfill Gas System Expansion phase (Milestone 1) is 180 calendar days (November 5, 2018), and substantial completion of Landfill Segment 3 Cell 2 Expansion phase (Milestone 2) is 360 calendar days (May 4, 2019) from the NTP. Final completion is 390 calendar days (June 3, 2019) from the NTP.

On September 17, 2018, Thalle submitted a request to our engineer, CDM Smith, for a 105-days-in-contract-time extension for Milestone 1, identifying wet conditions as a basis for this request. On November 5, 2018, the SWDD Board approved Change Order No. 1 to Thalle extending Milestone 1 to February 18, 2019.

On February 12, 2019, the SWDD Board approved Change Order No. 2 to Thalle for a deductive change order in the amount of \$2,659,127.14 as a result of direct purchase items resulting in a revised contract amount of \$13,375,132.86.

Our project engineer, CDM Smith, has reviewed and recommended approval of a request for rain days and additional work associated with the project under this request for Change Order No. 3.

ANALYSIS:

CDM Smith reviewed the request and submitted a recommendation letter on March 15, 2019, to approve the request by Thalle for additional rain days and additional work associated with this project. The additional work is associated with the installation of an underdrain along the bottom edge of the liner that ties into the original Segment 1 project that is closed to I-95. This original cell was closed with a clay cap and this new underdrain will help protect the transition from the new liner to the existing clay by diverting water away from it. The proposed work includes a budget of \$12,236.97 and four (4) additional work days.

Per CDM Smith, the new Milestone 1 date would be moved from February 18, 2019, to March 17, 2019 to account for 23 additional days due to rain and 4 additional days for the underdrain work. Similarly, Milestone 2 and final completion dates are respectively changed by 27 days to May 31, 2019 and June 30, 2019. The total contract price is unchanged as there is contingency funding available to cover the additional cost. Staff supports the recommendation from CDM Smith.

FUNDING:

The Segment 3 Cell 2 Expansion and Segment 2 Partial Closure projects are funded from separate revenue sources; specifically, the closure cost is paid from an escrow account long established per Florida Department of Environmental Protection (FDEP) requirements. The additional underdrain work is associated with the closure project. The total contract price is unchanged as there is contingency funding available to cover the additional cost.

BID NO. 2018025 - THALLE CONSTRUCTION COMPANY, INC.		
DESCRIPTION	ACCOUNT	AMOUNT
Construction – Segment 3 Cell 2 Expansion	411-169000-17025	-
Construction – Segment 2 Closure	411-239006 (Escrow)	\$ 12,236.97
	Change Order No. 3	\$ 12,236.97

RECOMMENDATION:

Solid Waste Disposal District staff recommends that its Board approve and authorize the Chairman to execute the change order in contract time for Milestone 1, Milestone 2 and Final Completion by 27 days and allow the use of \$12,236.97 from contingency funding to Thalle Construction Company, Inc. for the Segment 3 Cell 2 Expansion, Segment 2 Partial Closure and Landfill Gas System Expansion project.

ATTACHMENT:

1. CDM Smith Letter of Recommendation and Change Order Form