

ORANGE COUNTY
BOARD OF EDUCATION

AGENDA ITEM ABSTRACT

Meeting Date: September 9, 2013

AGENDA ITEM No. 13-09-11

ACTION ITEM: (Y/N) Y

SUBJECT: A.L. Stanback Track Change Order

INFO. CONTACT: Pam Jones, Interim Exec. Dir.-Auxiliary Services PHONE: (919) 732-8126

ATTACHMENTS:

- Change order request

PURPOSE: To consider approving a change order to Fred Smith Company in the amount of \$30,210.91 for additional work required to complete the A.L. Stanback running track renovation.

BACKGROUND: On June 24, 2013 the Board awarded a bid to Fred Smith Company in the amount of \$70,150.00 to complete the renovation of the A.L. Stanback running track. While subsurface core samples were taken prior to specifications being prepared the core samples did not reflect the true subsurface conditions when the track surface was milled. There was almost no stone base present throughout the whole of the track. Unless a base is constructed appropriately, the track will deteriorate within a few years—as this one has done—and need total rehab again. Summit Design and Engineering Services, the project designer has worked extensively with the contractor to arrive at a suitable solution and change order cost. The results are attached. **You will note, the addition of the base material allows the thickness of the asphalt to be reduced, while still maintaining the integrity and long-term longevity of the track.**

Completion time of the track is expected to take 3-4 weeks after receipt of an approved change order. Dr. Gloria Jones and Dr. Marcie Holland have taken steps to find suitable accommodations and to relocate practices and games for football and soccer programs until the work is completed in order to minimize potential safety hazards to students.

FINANCIAL IMPACT: The cost of the change order is \$30,210.91, bringing the total cost of the project to \$100,360.91. As the Board will recall, in February, 2013 \$75,000 was repurposed from other capital projects to provide the original funding for this project. It has not been included in any CIP. An appropriation from the Capital Fund Balance is requested to fund the change order, bringing the estimated Capital Fund Balance to \$150,999.

RECOMMENDATION: The Superintendent recommends the Board approve a change order to Fred Smith Company in the amount of \$30,210.91 for additional work required to complete the A.L. Stanback running track renovation; and authorize the Superintendent to sign the change order.

ORANGE COUNTY SCHOOLS

CHANGE ORDER

CONTRACT: _____

CHANGE ORDER NUMBER: 1

Project: A.L. STANBACK TRACK RESTORATION

Contract Date: July 11, 2013

Notice to Proceed Date: July 24, 2013

Completion Date: August 19, 2013

Contractor: Fred Smith Company LLC

Reason for Change Order: Unanticipated unsuitable soils were discovered and need to be stabilized in order to provide a base for the proposed asphalt. There were no provisions in the contract documents or plans that address this type of work. This Change Order is written to establish pricing for items necessary to perform Soil Cement Subgrade Stabilization. The pricing includes the cement stabilization operation, additional fine grading and mobilization as well as the reduction in asphalt tonnage per truck during the paving operation.

The plan depth of asphalt will be reduced from 2 inches to 1.5 inches creating a credit amount. There is a potential credit based on the amount of stone that will be needed for establishing the final grade that cannot be accounted for in this Change Order. The amount of stone used will be deducted from the original plan quantity and credited accordingly. This Change Order shall include but not limited to all labor, equipment and materials necessary to perform the work. The work shall be completed in accordance with the contract documents and attached quote dated August 23, 2013.

Line Code No.	Description	Unit	Negotiated or Contract Price	Field Change		Original Plan	
				Quantity	Amount	Quantity	Amount
	Soil Cement Stabilization	Ea.		1	\$33,806.85	0	0
	Fine Grading, Mobilization Reduced asphalt loads	Ea.		1	\$3,724.61	0	0
	Asphalt Depth Reduction 2 inches to 1.5 inches	Tons	(\$65.36)	112	(\$7,320.55)	0	0

Total Field Change Amount: <u>\$30,210.91</u>	Total Original Plan Amount: <u>\$0</u>
Change Order Net Underrun: <u>\$0</u>	Change Order Net Overrun: <u>\$30,210.91</u>

The Original Contract Sum was..... \$ 70,150.00
 Net Change by Previous Change Order(s) \$ 0.00
 The Contract Sum Prior to this Change Order was \$ 70,150.00
 The Contract Sum will be increased by this Change Order..... \$ 30,210.91
 The New Contract Sum Including this Change Order will be \$ 100,360.91
 The Contract Time will be increased by 45 days. The New Completion Date is September 30, 2013

Accepted: _____ Approved: Orange County Schools
 (Contractor)

By: _____ By: _____
 (Name) (Name)

_____ _____
 (Title) (Title)

Date: _____ Date: _____

Project: AL Stanback Track
 Owner: Orange County Schools
 Scenerio: Stabilize Existing Base / Subgrade
 Cement 60 lbs / SY (40%) 30 lbs / SY (50%)

Revised
 Date: 8/23/2013

FSC and Summitt Representatives witnessed test holes dug around the track and found the material all appeared the same consistency except the significant unstable areas had high moisture. Consequently we concluded that the more dry areas could work with a reduced cement %.
 Scope: Mobilize stone crew and add ABC as needed to shape track to 1% grade (utilize ABC material 200-300 tons allotted in current contract). Mobilize subcontractor (Ruston) to stabilize approximately 40% of the track area with 60 LBS / SY of cement and 50% with 30 LBS / SY. Stone base crew follows operation to shape to 1% grade. Pave according to contract.

1 Stone Base Crew shape and add stone base to establish grade
 Stone base material will be placed and shaped with credit for unused material and haul as shown in item 7 below.
 (Remains In existing contract Item 3)

2 Cement Stabilize Crew			
1415 SY	\$	8.50 / SY (60 Lbs / SY)	\$ 12,027.50
1935 SY	\$	7.60 / SY (30 Lbs / SY)	\$ 14,706.00
3350 SY			
1 EA	\$	4,000.00 / Mobilization	\$ 4,000.00

3 Stone Base Crew - Fine Grade behind Cement Stabilization			
1 Day	\$	2,112.00	\$ 2,112.00

4 Mobilization (Remobilize Stone Base Crew)			
1 EA	@	\$ 600.00 EA	\$ 600.00

5 HMA light loads	337 Tons	\$ 2.00 / Ton	\$ 674.00
Add 20% to haul cost			

6 Reduce Asphalt Depth from 2" to 1.5" depth			
Material	-112 Tons	\$ 50.19 / Ton	\$ (5,621.28)
Haul	-112 Tons	9.23 / Ton	\$ (1,033.76)

7 Credit for Stone Base not used in shaping and placing track to grade			
Material	0 Tons	\$ (7.52) / Ton	\$ -
Haul	0 Tons	\$ (6.50) / Ton	\$ -

Total Cost \$ 27,464.46

Margin 10% \$ 2,746.45

Total \$ 30,210.91