

EXECUTIVE SUMMARY

**Change Order # 7
Cooper City HS
Concurrent Phased Replacement – Phase “A”
Project No. P.000877**

PROJECT OVERVIEW:

Type of Contract:	Design Build
Architect:	Song & Associates
Contractor:	Skanska USA, Inc.
Notice to Proceed Date:	9/28/11
Bid Amount (Original Contract Amount):	\$18,099,285

GENERAL OVERVIEW:	<p>This project is a concurrent phased replacement of Cooper City HS. The present phase is to construct a three-story administrative/classroom building with new automotive, business, and science labs, bus loop, parent loop with parking, and a new custodial building.</p>
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The following are selected change order items, contained within this agenda item, that require additional staff information and/or explanation.

<p><u>Change Order Item #</u></p> <p>OR</p>	<p>011</p> <p>The scope of this project includes the removal and rerouting of the chilled water line system located on the existing 3-story canopy (scheduled for demolition) adjacent to Building 1, which feeds Buildings 4, 6, 7 & 9 that are not scheduled to be demolished at this time.</p> <p>Prior to the start of this project, the school was being supplied chilled water from five different chiller plants located throughout the campus, including a new plant constructed with the new cafeteria in 2010.</p> <p>At the time of design and construction of the new cafeteria and plant, the intent was to replace several of the existing buildings on campus. As a result, the new Physical Plant was designed and built to manage the entire campus after all phases of construction were completed. Since the scope of replacement project was reduced, the Plant cannot run efficiently due to the low load applied to it. To improve efficiency, the loads from existing to remaining Buildings 4, 6, 7 & 9 were switched over to the new Main Chiller Plant. This eliminated two of the five chiller plants.</p> <p>The original intent for routing the new chiller lines located them far from the last two chiller plants still in use for Buildings 16 & 34. Tying them into the main chiller plant at this point in time would have been very costly. Once construction commenced, existing site conditions required the contractor to reroute the new chiller lines bringing them within a short distance of the remaining plants. This change in location made it cost effective to tie these last two existing plants to the main Physical Plant during this phase. This will now eliminate all but the new main plant making the campus more energy efficient, reducing long term costs on both power and maintenance.</p>
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<u>Change Order Item #</u> UF	012	Two emergency repairs were required on the existing 6" main irrigation lines near the existing Media Center and Auto Lab. The ruptured lines occurred within the construction fencing of the project, and were determined by Physical Plant Operations (PPO) and school staff not to be the fault of the contractor. Since the contractor had an irrigation subcontractor on site, and to eliminate any possible liability with PPO working in the construction site, the repairs were completed by the irrigation subcontractor.
<u>Change Order Item #</u> OR	014	The Design Builder to add additional electrical infrastructure to the classroom building to change to a hard wire system for specific technology and business labs. The project specifications originally considered a wireless lab environment. Due to recent changes in the technology of educational software systems, band width requirements have dramatically increased, resulting in the wireless system being obsolete. Direction for the new hardwire system has not yet been incorporated into the latest educational specifications as of yet, therefore could not have been anticipated by the consultant. Since staff is being proactive by making these changes at the present time, this change order is considered to be an owner's request.
<u>Change Order Item #</u> OR	015	Credit change order to remove specific security camera system components from the contract. Subsequent to bid, the specified camera equipment was determined to be obsolete. More updated camera equipment will be provided by a separate vendor. The credit will be applied to the purchase of new camera equipment. This item was determined to be an owner's request.
		<i>There may be additional change orders for this project.</i>

7/15/13 noon

Approved by: 

Date: 7/15/13