

THE FOLLOWING PROPOSAL, SUBMITTED BY JARED B. GARDNER, DIRECTOR OF PURCHASING, IS RECOMMENDED FOR BOARD APPROVAL.

Superintendent of Schools

October 4, 2022

Dr. Rich K. Nye
Granite School District
2500 South State Street
Salt Lake City, Utah 84115

RE: Change Order, Cyprus High School
Rebuild
Purchase Order 270185
\$161,969.66

Dear Dr. Nye:

The Purchasing Department has received a change order request from Mr. Donald L. Adams on the Cyprus High School replacement project.

This request is to import backfill material where unsuitable soils were found. Please see the support letter from Mr. Adams for details.

We respectfully request approval to issue a change order to Westland Construction for an increase of \$161,969.66. Funds for this additional expense is to come from Bond Funding.

Sincerely,

Approved:



Jared B. Gardner
Director of Purchasing
Interim Business Administrator/Treasurer

Donald L. Adams
Assistant Superintendent



Support Services
2500 S. State Street
Salt Lake City, UT 84115

385-646-4597
Fax 385-646-4351
www.graniteschools.org

September 27, 2022

Superintendent Rich K. Nye
Granite School District
2500 South State Street
Salt Lake City, Utah 84115

SUBJECT: Change Order #14 for Cyprus High School

Dear Dr. Nye,

The new Cyprus High School was designed with retaining walls to help overcome the existing slope of the site by allowing the designers to flatten out large areas to construct the building, play fields, and the parking lots. This system is called a Mechanically Stabilized Earth (MSE) retaining wall and is a composite structure consisting of alternating layers of compacted backfill and soil reinforcement elements, fixed to a wall facing.

A key component in this system is the type of soil that is used (this type of soil is often classified as structural fill). The fill material needs to have appropriate levels (gradations) of gravels, sands, and fines. The fill material goes behind this wall as it is constructed in layers to help prevent it from failing in the future. This structural fill material is at the heart of this change order.

Preliminary soils investigations showed there was a potential for adequate materials on site. The samples were for several materials piled on site. As material were used from the piles, the material quality changed and was inadequate for serve as structural fill. The remainder of the wall materials will need to be imported.

Preliminary indications for a change order to import soils as well as export older materials was in the neighborhood of \$640,000.00 and was sent to Granite School District in February to approve. We have worked on this for many months to figure out a viable solution to this problem knowing we had to have the correct soil to use in the construction of the MSE walls. A great deal of effort was spent in lowering this cost as far as we could get it.

We were able to find a reasonably priced and suitable material for use behind the walls. In addition, we were able to reuse materials for the wall that were initially used as crane path beds, which

would normally be buried and abandoned. We limited the need for the export of existing materials by making elevation changes to field space. All of these methods were combined to greatly limit the costs for this change order.

Change Order #14 in the amount of \$161,969.66 is required to cover the needed structural fill material and other modifications to safely and appropriately construct site improvements.

Respectfully,



Donald Adams
Assistant Superintendent, Support Services

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Superintendent of Schools

October 4, 2022

Dr. Rich K. Nye
Granite School District
2500 South State Street
Salt Lake City, Utah 84115

RE: Change Order, West Lake STEM
Jr. High School Rebuild
PO Number 270409
\$124,384.46

Dear Dr. Nye:

The Purchasing Department has received a change order request from Mr. Donald Adams on the West Lake STEM Jr. High School replacement project.

Change order number 8 is for changes to the plan set required by West Valley City. Please reference support information from Mr. Adams for details.

We respectfully request approval to issue a change order to Hogan & Associates Construction for \$124,384.46. Funds for these additional expenses are to come from the Capital Outlay Budget.

Sincerely,

Approved:



Jared B. Gardner
Director of Purchasing
Interim Business Administrator/Treasurer

Donald L. Adams
Assistant Superintendent



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Superintendent Rich K. Nye
Granite School District
2500 South State Street
Salt Lake City, Utah 84115

SUBJECT: Change Order #8 for West Valley City Changes

Dear Dr. Nye,

As part of the construction of the new West Lake STEM Junior High School, our design architect issued plans to West Valley City Corporation (City) for their review and comments. The City took exception to the proposed location of the southernmost driveway on 3450 West and required modifications to the design. Our proposed driveway was moved northward to create additional separation between the drive-thru entrance for the McDonalds restaurant and our school driveway.

The City is also requiring that the existing sidewalks along 3450 West be widened to a new city standard and requested that a patterned concrete park strip be added.

By issuing these requirements, the City is attempting to reduce a vehicle congestion problem. The changes we needed to make modified the driving routes and the parking lot, which affected site grading, storm drain boxes, curbs and gutters, asphalt, striping, signage, landscaping, and irrigation.

The comments from West Valley City Corporation were received after the initial bid and as such, resulted in a construction cost increase to Hogan Construction in the amount of \$124,384.46. This includes all material and labor.

Respectfully,

A handwritten signature in blue ink, appearing to read "Donald Adams".

Donald Adams
Assistant Superintendent, Support Services