

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

Superintendent of Schools

April 12, 2022

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

RE: Change Orders, Cyprus High School
Rebuild
Purchase Order 270185
\$185,037.00

Dear Dr. Nye:

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

Change order number 7 is for \$87,294.24 to add an impermeable liner to the site drainage system. Change order number 9 is for \$97,742.76 for an unavoidable price increase for Geofoam materials. Please see the support letters from Mr. Adams for details.

We respectfully request approval to issue change orders to Westland Construction for a total price increase of \$185,037.00. Funds for this additional expense are to come from Bond Funding.

Sincerely,

Approved:

Approved:



Jared B. Gardner
Director of Purchasing

David F. Garrett
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

April 5, 2022

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

SUBJECT: Change Order #7 for Cyprus High School

Dear Dr. Nye,

The basis for design for the storm water drainage system at Cyprus High School involved a network of buried perforated pipes. Our three bidders were asked to suggest options where savings could be realized wherever practical. Westland Construction submitted a potential cost savings in the amount of \$700,000.00 by modifying the design to use of a Storm Tech chamber system in lieu of the perforated piping system. This saving was accepted and was reflected in the contract amount approved by the Granite School District Board of Education on September 7, 2021. After further review and consideration by the civil engineers, they recommend the addition of an impermeable PVC Geomembrane liner around the chamber systems, which was not anticipated by the contractor at the time they presented the savings.

This refinement was added to the scope to create a level of safety in the performance of the retaining wall system that sits directly to the north of the detention system. Avoiding water seepage in the vicinity will greatly add to the safety and performance of the retaining wall, avoiding what could potentially cost millions in repair in the future. We feel the incremental cost of \$87,300 paired by the offset of the majority of the initial savings is well worth the insurance provided against the potential wall failures or repairs.

Westland Construction has submitted Change Order #7 in the amount of \$87,294.94. This cost is necessary to maintain the larger savings realized by the acceptance of the alternate system.

Respectfully,

Donald Adams
Assistant Superintendent, Support Services



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SUBJECT: Change Order #9 for Cyprus High School

Dear Dr. Nye,

Due to recent market volatility and product shortages, locally produced Geofoam materials used in the earthwork at the new Cyprus High School have escalated beyond the minimum threshold stipulated in the construction agreement between Granite School District and Westland Construction, signed August 13, 2021.

The contractor is seeking an increase to the contract with Change Order #9 in the amount of \$97,742.76 to cover the increased material costs.

As with any cost escalations, as justified with market volatility and supply chains, the District and our design consultants vet the issues exhaustively. This particular item does meet the tests established by the contract and the purchasing department. The cost escalations for this category have increased in a way that are beyond the control of the contractor and supplier for the Geofoam.

Respectfully,

A handwritten signature in blue ink, appearing to read "D Adams", is written over a light blue horizontal line.

Donald Adams
Assistant Superintendent, Support Services

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Superintendent of Schools

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

RE: Change Order, Skyline High School
Rebuild
PO Number 170038
\$78,931.18

Dear Dr. Nye:

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

Change order number 2-40 is for \$78,931.18 to provide strobes in all the small dressing, shower and toilet compartments throughout the athletics phase. Please reference support information from Mr. Adams for details.

We respectfully request approval to issue a change order to Hughes General Contractors for \$78,931.18. Funds for these additional expenses are to come from Bond Funding.

Sincerely,

Approved:

Approved:



Jared B. Gardner
Director of Purchasing

David F. Garrett
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 2-40 for Skyline High School

Dear Dr. Nye,

The scope of this work in this change order is to add a light strobe in each of the single occupancy dressing rooms, shower rooms, and toilet compartments in the athletic building. The fire marshal's office reviewed the Skyline plans and did not mention the lights in their plan review, so the plans were bid without any of these included.

The fire marshal walked the site, as they do from time to time, and noticed all the rooms mentioned above were missing the light strobes. They reminded everyone that the light strobes are a requirement and must be added for occupancy of the building.

Change Order 2-40, for a total of \$78,931.18, is payable to Hughes Construction and will provide safety in the small single occupancy spaces mentioned above and must be in place for occupancy.

Respectfully,

A handwritten signature in blue ink, appearing to read "Donald Adams", is written over a horizontal line.

Donald Adams
Assistant Superintendent, Support Services

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April 12, 2022

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

RE: Change Order, Skyline High School
Rebuild
PO Number 270306
\$59,089.87

Dear Dr. Nye:

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

Change order number 4-01 is for roof snowdrift loading on the testing center roof and revised decking hatches between grids. Please reference support information from Mr. Adams for details.

We respectfully request approval to issue a change order to Hughes General Contractors for \$59,089.87. Funds for these additional expenses are to come from Bond Funding.

Sincerely,



Jared B. Gardner
Director of Purchasing

Approved:

David F. Garrett
Business Administrator/Treasurer

Approved:

Donald L. Adams
Assistant Superintendent



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Superintendent Rich K. Nye
Granite School District
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Salt Lake City, Utah 84115

SUBJECT: Change Order 4-01 for Skyline High School

Dear Dr. Nye,

There have been a few items that were missed or not as clear as they should have been in the drawings by the design team. The lack of specificity has caused this change order, and the items herein, to be necessary to rectify the missing scope.

Change Order 4-01 for a total of \$59,089.87 covers the following proposed change orders (PCOs):

PCO 158 for \$46,283.60 for the following:

- During the submittal review process, the structural engineer realized they missed the calculations for the snow drift loading aspect of the roof over the testing center in the academics building. Without upsizing of the structural members in the roofing, the building will be undersized for the potential weight experienced in the winter. This is a structural necessity based upon code requirements. Architectural, Engineering and Construction will approach the design team to obtain a partial payment of the change order from the designer due to this oversight.

PCO 161 for \$4,815.92 for the following:

- The electrical engineer realized while they were reviewing the submittals that they didn't have the correct size of wire and breakers (undersized) to service the elevator in the academic building. Architectural, Engineering and Construction will approach the design team to obtain partial payment of the change order from the designer due to this oversight.

PCO 163 for \$1,378.14 for the following:

After a post occupancy review of the press boxes with school staff, the placement of equipment and AV connections we deemed to be either in the pathway of users or in relatively inaccessible locations. The football and baseball press boxes were previously modified based upon the deficiencies noted. With the assistance of school staff, Architectural, Engineering and Construction was able to develop a more user-friendly final design that will improve the use of the space.

PCO 172 for \$6,414.21 for the following:

- The architect overlooked wall tile behind all custodial sinks on the drawings. Fiberglass Reinforced Plastic ("FRP") was chosen as an economical approach to have the provided protection on the wall. Without wall protection in custodial closets, water damage and damage to the walls themselves are highly likely. To extend the lifecycle of these areas, wall protection is appropriate. Architectural, Engineering and Construction will approach the design team to obtain a partial payment of the change order from the designer due to this oversight.

PCO 179 for \$198.00 for the following:

- The mechanical and structural engineers missed coordinating their work on some beam depths. They have since figured out that eight beams need to be less deep to help the mechanical duct work in the ceiling space.

The work and scope of the items in this change order is payable to Hughes Construction and will provide safe and appropriate spaces for the students to move into until the final building is completed.

Respectfully,



Donald Adams

Assistant Superintendent, Support Services

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Superintendent of Schools

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

RE: Change Order, West Lake Junior
Rebuild
Purchase Order 270409
\$196,074.43

Dear Dr. Nye:

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

This request is for soil remediation measures. Please see the support letter from Mr. Adams for details.

We respectfully request approval to issue a change order to Hogan Construction for an increase of \$196,074.43. Funds for this additional expense are to come from the Capital Budget.

Sincerely,

Approved:

Approved:



Jared B. Gardner
Director of Purchasing

David F. Garrett
Business Administrator/Treasurer

Donald L. Adams
Assistant Superintendent



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SUBJECT: Change Order #1 for Poor Soils at West Lake Junior High School

Dear Dr. Nye,

As construction begins on the new West Lake Junior High School site, preparation has unearthed unsuitable soils in a portion of the site (see Exhibit below noting problematic soil in bright pink). Hogan Construction, our general contractor, removed the original asphalt parking lot to being preparation on the footings/foundation for the south portion of the new building. The material was found to be clay, wet and not suitable to bear the weight of a building. The material was judged to be suspect in consistency, so it was evaluated and subsequently found to be unsuitable for use.



The recommendation of the architect, civil engineer, and the soils testing company is to remove the soil and then replace it with a structural fill material. As this problematic soil was a "unknown" condition at the time of bid, it qualifies for a change order.

Change order #1 is for a total of \$196,074.43. The material and labor costs presented above are required as part of structural integrity needed to hold up the new West Lake Junior High School, and unfortunately was an unknown condition under existing asphalt.

Respectfully,



Donald Adams

Assistant Superintendent, Support Services