

**AMENDMENT NO. 1 TO PROFESSIONAL SERVICES AGREEMENT WITH
WALLACE KUHL & ASSOCIATES
FOR HISTORIC ALAMEDA HIGH SCHOOL:**

This Amendment to the professional services agreement ("Amendment") between **Wallace Kuhl & Associates** ("Consultant") and the Alameda Unified School District, a California public school district located in Alameda, California ("District") (collectively, the "Parties") is made and entered into this 1st day of November, 2018,

RECITALS

- A. WHEREAS, on March 28, 2017, Consultant and District entered into an agreement for the performance of professional services ("Agreement"), more particularly described in the Agreement, a copy of which is attached hereto as **Exhibit A**.
- B. WHEREAS, the Agreement currently states that the compensation for work performed shall be for a flat fee not to exceed \$239,355.
- C. WHEREAS, the Parties agree that the compensation to Consultant for work performed under the Agreement should be increased because of the need for **additional materials testing and special inspection services**:
1. Provided rebar location services using ground penetrating radar (GPR) and pachometers to avoid cutting rebar at many locations where plumbing and electrical penetrations were cut through the concrete walls. To provide concrete coring services: \$24,000
 2. Retesting and reinspection was required, primarily on welded connections that either had to be modified due to existing conditions or were incorrectly welded the first time: \$5,000
 3. Required shop welding and fabrication inspection for the helical anchors, performed by a local subcontractor: \$13,000
 4. Additional proof load testing of existing concrete anchors that were not inspected during installation was required due to the low in-place concrete strengths: \$10,000
 5. Additional repair of sampling and testing locations that were needed as part of the additional building investigation services required by the initial low strength test results: \$8,000
 6. Additional shop and field welding inspections, post-installed anchor installation inspections, and anchor proof load testing that were added to the project through addendums and CCDs: \$16,000
- D. WHEREAS, the Parties agree that the compensation to Consultant for work performed under the Agreement should be increased to an amount not to exceed **\$315,355**.
- E. WHEREAS, it is now the desire and intention of the Parties to amend the Agreement as set forth below.

NOW, THEREFORE, in light of the foregoing facts and in further consideration of the promises and agreements of the Parties set forth herein below, it is mutually agreed as follows:

TERMS AND CONDITIONS

Except as revised herein, all other provisions of the Agreement shall remain in full force and effect and are reaffirmed. If there is any conflict between this Amendment and any provision of the Agreement, the provisions of this Amendment shall control.

THE FOLLOWING CHANGE SHALL BE MADE TO THE AGREEMENT:

1. The amount not to exceed identified in section 3.1 shall be increased to **\$315,355**.

ACCEPTED AND AGREED on the date indicated below:

**ALAMEDA UNIFIED
SCHOOL DISTRICT**

Date: _____

Name: Robbie Lyng

By:  _____
Title: Senior Director of Construction

Date: _____

Name: Shariq Khan

By: _____
Title: Chief Business Officer

Date: _____

Name: _____

By: _____
Title: Board President

CONSULTANT WALLACE-KUHL & ASSOC.

Date: 11/1/18

Name: DAVID A. REDFORD

By:  _____

Title: SENIOR ENGINEER

October 31, 2018

DSA File No. 1-H1
DSA App. No. 01-116058
LEA No. 116

Mr. Robbie Lyng c/o Priscilla Wong
Alameda Unified School District
Via email to: pwong@alamedaunified.org

Materials Testing and Special Inspection Services – Budget Increase Request

**HISTORIC ALAMEDA HS MODERNIZATION
SCIENCE BUILDING AND EAST & WEST WINGS**

2200 Central Avenue
Alameda, California
WKA 11225.02P

As authorized, Wallace-Kuhl and Associates (WKA) is providing materials testing and special inspection services for the modernization of the Central and Science Buildings at Alameda High School. Our budget estimate for our services for this project was \$239,355, as presented in our proposal dated March 17, 2017 and authorized with an Alameda USD Professional Services Agreement effective March 28, 2017.

We have significantly exceeded this budget estimate, billing a total of \$301,266 to date. To date we have received payments totaling \$261,308. Attached you will find a WKA Invoice Summary showing our monthly billings during the course of the project.

Our budget estimate was based on review of the project plans and specifications, a preliminary construction schedule, discussions with project personnel, and our experience with similar projects. To develop our budget estimate, we had to make assumptions regarding the number of site visits and testing samples that would be required for the project based on the best information available prior to the start of construction. The investigation of the existing buildings was not complete at the time we prepared our budget estimate for testing and inspection during retrofit construction.

This project has had significant challenges rooted in the condition of the older existing buildings and the nature of retrofit construction. The strength of the concrete in the old buildings and the condition of the reinforcing steel was worse than anticipated, and additional problems were uncovered during construction. The project has had several addendums and over 45 Construction Change Directives (CCDs), many of which added structural steel framing and post-installed anchors to the construction. This resulted in many additional site visits and travel time for shop and field welding inspections, anchor installation inspections and proof load testing.

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SCIENCE BUILDING AND EAST & WEST WINGS
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Specific reasons we exceeded our budget estimate included:

- WKA provided rebar location services using ground penetrating radar (GPR) and pachometers to avoid cutting rebar at many locations where plumbing and electrical penetrations were cut through the concrete walls. We also were requested to provide concrete coring services at several locations. Approximate additional cost - \$24,000.
- A significant amount of retesting and reinspection was required, primarily on welded connections that either had to be modified due to existing conditions or were incorrectly welded the first time. Approximate additional cost - \$5000.
- Shop welding and fabrication inspection was required for the helical anchors, which were fabricated in Missouri. These inspections were required by CCD# ASI 0021R1 based on the contractor's choice of helical anchor suppliers. We hired a local subconsultant special inspector for these services. Approximate additional cost - \$13,000.
- Additional proof load testing of existing concrete anchors that were not inspected during installation was required due to the low in-place concrete strengths. Approximate cost - \$10,000.
- Additional repair of sampling and testing locations that were needed as part of the additional building investigation services required by the initial low strength test results. Several areas were inaccessible until the contractor completed a sufficient amount of retrofit construction work. Approximate additional cost - \$8000.
- Additional shop and field welding inspections, post-installed anchor installation inspections, and anchor proof load testing that were added to the project through addendums and CCDs. Approximate additional cost - \$16,000.

We emphasize that our services are not discretionary on our part but were provided as scheduled by the Project Inspector and as required by the project documents and the California Building Code.

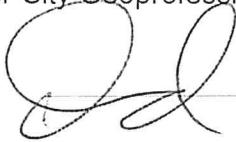
We respectfully request an increase of \$76,000 to our budget authorization for testing and inspection services for this project. The required testing and inspection services for this project are nearly complete. This budget increase request covers costs for the services we have provided to date and those anticipated through completion of the project. If this budget increase is acceptable, please issue an amendment to our contract and/or the appropriate Alameda USD documents.



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Please contact me if you have any questions or if you need additional clarification.

River City Geoprosessionals, Inc. dba Wallace - Kuhl & Associates



David A. Redford, P.E.
Senior Engineer
CA Registered Civil Engineer C51122, expires 9/30/19

Attachment: WKA Invoice Summary

