



HIBSER YAMAUCHI Architects, Inc.

February 5, 2019

**Dan Zaich**

Director of Capital Projects  
San Rafael City School District  
310 Nova Albion Way  
San Rafael, CA 94903

Re: Additional Services Proposal - Design and Engineering for Helical Anchor/ Pier Option  
San Rafael High School Madrone, Administration, Commons and Kitchen Building

Dear Dan,

Per our discussions, HY Architects is providing this proposal for additional services for design and engineering for helical anchor/ pier option for the Madrone, Administration, Commons and Kitchen Building's foundation system.

The building was designed with drilled concrete pier foundations per the geotechnical engineer's report and recommendations. During pre-construction discussions with the Lease-Lease-Back contractor (Alten Construction) the option of using helical anchors was determined to have potential schedule and cost benefits. These include reducing the duration of drilling and pier foundation work by approximately 3 months, reduction in construction costs, and reduction in risk of delay due to unforeseen underground conditions.

This proposal is for the services required for SRCS to take advantage of this option. Our additional services will consist of :

- Redesign of foundations system per attached proposal letter from our structural engineer, Kam Yan & Associates.
- Assistance and responses required to obtain DSA approval of this alternate foundation system.
- Additional detailing and construction administration support for installation of the helical anchors. Should the helical anchors encounter underground obstructions, additional anchors may be required to meet structural loading requirements.

Assumptions: Our design will be based on revised recommendations from the District's geotechnical engineer, Miller Pacific. Additional information regarding design criteria and technical requirements will be provided by Alten Construction and their drilling and helical anchor experts / consultants.

**PROPOSED FEE ADJUSTMENTS**

- |   |           |
|---|-----------|
| ■ Structural engineering services for design and calculations for the helical anchor/ pier system, including DSA review, and additional construction period services: | \$ 38,000 |
| ■ Additional architectural services to support DSA review and approval and revisions to the under-slab water barrier system:  | \$ 2,250  |
|   | <hr/>     |



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**Total:** For the services described above, we propose additional fees of: **\$ 40,250**

All clarifications, assumptions, and exclusions; along with contract requirements will remain as stated in our original proposal letter and our professional services agreement with SRCS.

Thank you for considering this proposal for additional consulting services for the SRHS Madrone, Administration, Commons and Kitchen Building. We appreciate all opportunities to work with the San Rafael City Schools. If you have any questions, please do not hesitate to call. Our current billing rates are attached for your reference.

Sincerely yours,

***W. Lee Pollard***

W. Lee Pollard  
Principal



**KAM YAN & ASSOC/ATES**

**Date: 01/12/19**  
**Job# 16-201F.1**

Mr. Lee Pollard  
Hibser Yamauchi Architects  
300 27<sup>th</sup> Street  
Oakland, CA 94607

**Reference:** San Rafael Madrone Science Building 'MACK'  
**Fee proposal for structural engineering service: ESI**

Dear Lee,

We are pleased to provide this added service fee proposal for structural engineering services for the subject project. We understand our scope of work is to provide redesign of DSA approved drilled pier foundation system for the 'MACK' building with Helical anchor system.

We will provide the following services:

1. Provide structural document, calculations and specifications for the proposed redesign works. The design will conform to 2016 CBC and DSA requirements . Proposed redesign works includes:
  - Redesign drilled pier foundation system with proposed helical anchor foundation system.
  - Redesign grade beam as required to span over new helical anchor foundation system.
2. Provide assistance and response to plan check comments for obtaining building permit.
3. Provide construction services that include job visits, review of shop drawings and response to contractor's generated RFIs

We propose to perform the above tasks for a lump sum fee of \$38,000.00. We hope this proposal will be acceptable to you. Please call if you need further assistance or clarification.

Sincerely,

Kam Yan & Associates,  
Kam Yan, S.E.