

PROPOSAL

TO: San Mateo-Foster City School District
Facilities Department
1410 South Amphlett Boulevard
San Mateo, CA 94402

DATE: April 2, 2019

BAGG JOB NO: SMFSD-02-02

CLIENT: same as above

ATTENTION: Mr. Mark Sherrill
Project Manager

BILLING ADDRESS: same as above

Following a review of the project plans and the Contractor's preliminary schedule, this proposal summarizes the geotechnical observation and testing services we are prepared to perform and suggests contract arrangements, as follows:

TYPE OF SERVICES: Geotechnical Observation and Testing Services

PROJECT TITLE: Abbott Middle School New Gymnasium and Classroom Buildings

SITE LOCATION: 600 36th Avenue
San Mateo, California

DESCRIPTION:

The project will consist of constructing a new gymnasium with lobby and a new classroom building in the southern portion of the school campus. The area is currently a paved playground area with a cut slope on the west and south sides of the proposed gymnasium building area.

SCOPE OF SERVICES:

Based on the project development plans we anticipate the scope of our services will consist of:

- Observation and testing of mass site grading, including excavations, fill placement and preparation of building pads and subgrades for flatwork and new pavements
- Density testing of backfill within utility trenches
- Observe installation of drainage behind retaining walls and backfill compaction
- Laboratory compaction curves (ASTM D1557) for fill and baserock materials and acceptance testing of imported fill material, if required
- Observe foundation excavations to confirm suitable dimensions and suitable bearing materials are exposed
- Provide verified reports as needed

All materials and/or work will be examined and tested for conformance with the approved project plans, specifications, our recommendations as Geotechnical Engineer of Record, and as required by 2016 CBC Chapter 17A & 18A. All daily field reports will be submitted to the IOR by email within 24 hours, or as directed, except that failing tests will be reported immediately.

These services will be performed in accordance with the attached "General Conditions for CoMET Services". An estimate of the fees to provide these services is attached to this proposal; however, the total cost will depend upon a number of factors that are beyond our control. Among the cost determining factors are:

- The number of working days required by the subcontractors to complete each work element.
- The duration of each of our site visits required for inspection of various construction activities.
- The number of failing tests, and/or unanticipated soil conditions.
- Revisions to scheduled activities that will require additional testing visits, sampling, or laboratory testing.
- Deferred items not included in the original estimate.

FEE AND CONTRACTUAL ARRANGEMENTS:

We propose to perform these services on a time-and-expense basis in accordance with the attached "Schedule of Charges" and "General Conditions for CoMET Services". The breakdown of our estimated fee is shown on the attached Cost Estimate and Scope of Services. With the exception of the initial rough site grading, we have budgeted our personnel to be on site less than half-time. It is also possible, if not likely, that some tasks listed in the table may be completed simultaneously, requiring fewer trips to the site, thus resulting in less cost.

On this basis, we have estimated that the total fee for providing the scope of services outlined above with prevailing wages, will not exceed **\$47,014**. BAGG reserves the right to transfer funds between various tasks.

The fees associated with our inspection services and testing will be based on the actual hours worked. We will not have any control over the progress of the work or the performance of the subcontractors. In addition, the DSA Inspector of Record (IOR) can control the number and types of inspections and tests required. Therefore, all overages on inspection duration pertaining to the slower than expected work progress, delays caused by the inclement weather, unanticipated site visits beyond the number estimated herein, longer than assumed duration of the site visits, or a change in the scope of work outlined in this proposal, will be billed with a request for contract extension.

This proposal does not include any allowances for over-time rates pertaining to work on weekends or holidays. A multiplier of 1.5 and 2.0 will be applicable for our technicians for work on Saturdays and Sundays/Holidays, respectively. Over-time rates will also be applicable when and if work extends beyond 8 hours on regular work days.

SCHEDULE:

Our field staff will be available to service your project within 48-hours of your advance notice.

Thank you for the opportunity to submit this proposal. If the content of this proposal meets your approval, please sign and return one executed copy for our files to indicate acceptance of this proposal and its attachments.

Very Truly Yours
BAGG Engineers


Jason Van Zwol,
VP/Chief Engineer



- Attachments: Cost Estimate & Scope of Services
GBA's Important Information about this CoMET QA Proposal
BAGG's Schedule of Charges (02/18)
General Conditions for CoMET Services (02/12)

THE ABOVE PROPOSAL AND ALL ENCLOSURES HAVE BEEN READ AND UNDERSTOOD, AND ARE HEREBY AGREED TO AND ACCEPTED. IT IS AGREED THAT OUR "SCHEDULE OF CHARGES" AND "TERMS OF AGREEMENT" FORM AN EXPRESS PART OF THIS CONTRACT AS EVIDENCED BY MY SIGNATURE BELOW.

ACCEPTED BY: _____ **Date:** _____

Signature of Person Authorized to Accept

Typed or Printed Name of Signatory

Name of Company or Organization

Cost Estimate & Scope of Services

Project: Abbott Middle School New Gymnasium & Classroom Building
 File No.: SMFSD-02-02
 Client: San Mateo - Foster City School District

Date: 4/2/2019

Prevailing Wage Job

Hourly Rate--Soils Technician \$125.00 2 hour minimum
 Mileage \$28.00 per trip @ \$0.56/mile

Geotechnical Observation/Testing Budget

Item	Number of Trips	Hours or Units	Total time	Rate	unit	Fee
Rough Site Grading - 4/25/19-5//10/19 - 12 days	10	8	80	\$125.00	hr.	\$10,000.00
Gymnasium Building						
Pad Grading - 5/13-5/24 - 10 days	8	4	32	\$125.00	hr.	\$4,000.00
Footings - 5/31-6/10 - 7 days	2	4	8	\$125.00	hr.	\$1,000.00
Under Slab Utility Backfill - 6/20-7/17 - 20 days	7	4	28	\$125.00	hr.	\$3,500.00
Base Rock - 7/18-7/24 - 5 days	1	4	4	\$125.00	hr.	\$500.00
Locker/Classroom Building						
Pad Grading - 5/27-6/7 - 10 days	8	4	32	\$125.00	hr.	\$4,000.00
Footings - 6/14-6/24 - 7 days	2	4	8	\$125.00	hr.	\$1,000.00
Under Slab Utility Backfill - 7/4-7/24 - 15 days	5	4	20	\$125.00	hr.	\$2,500.00
Base Rock - 7/29-8/2 - 5 days	1	4	4	\$125.00	hr.	\$500.00
Paving at Lunch Area						
Rough Grading - 7/5-7/18 - 10 days	8	4	32	\$125.00	hr.	\$4,000.00
Site Work						
Underground Utility Backfill - 5/13-6/7 - 20 days already on site =>	0	4	0	\$125.00	hr.	\$0.00
Backfill Retaining Walls - 8/26-9/6 - 10 days	8	4	32	\$125.00	hr.	\$4,000.00
Subgrade for Site Concrete - 5/4/20-6/5/20 - 25 days	8	4	32	\$125.00	hr.	\$4,000.00
Mileage to jobsite	68			\$28.00	trip	\$1,904.00
Subtotal of Field Observation/Testing (1)						\$40,904.00

Laboratory Testing

	Samples	Rate	Unit	Fee
Laboratory Compaction Curves (ASTM D1557)	3	\$250.00	each	\$750.00
Laboratory Compaction Curves for lime/cement treated soil (ASTM D1557)	1	\$300.00	each	\$300.00
Atterberg Limits (ASTM D4318)	2	\$150.00	each	\$300.00
Subtotal of Laboratory Testing (2)				\$1,350.00

Reports and Project Management

	Units	Rate	Unit	Fee
Supervisory Review, Project Management, Consultation (in hours)	24	\$170.00	hr.	\$4,080.00
Final Verified Report as Geotechnical Engineer of Record	4	\$170.00	hr.	\$680.00

Subtotal of Reports, Project Management and Engineering (3) \$4,760.00

Estimated Total Inspection and Testing Budget (1+2+3) \$47,014.00