



ENGINEERS . SURVEYORS . PLANNERS

BKF No. 20155091

April 11, 2018

Carol Huang
Senior Engineer
City of San Pablo
13831 San Pablo Avenue
San Pablo, CA 94806
Transmitted via Email

**Subject: San Pablo Avenue Complete Streets Project
Contract Addendum No. 3**

Dear Ms. Huang:

Thank you for the opportunity to continue to support San Pablo and Richmond's plan to provide complete streets improvements for San Pablo Avenue. BKF has prepared this contract addendum in response to your request for additional civil engineering services to support the above-referenced project. Additional civil engineering scope items are summarized as follows:

I. SCOPE OF SERVICES

TASK 1: REVISE CONSTRUCTION DOCUMENTS

1. **Revise Lighting Design:** Fehr & Peers will revise the lighting design along San Pablo Avenue from Rivers Street to Robert Miller Drive. Within City of San Pablo right-of-way, Caltrans standard street lights will be changed to the City's preferred decorative luminaire. Pole locations will be adjusted based on the recently completed lighting analysis. The revised design will also separate the lighting circuits such that luminaires within City of San Pablo are serviced by the service cabinet at the San Pablo Avenue/Rivers Street intersection, and that luminaires within City of Richmond are serviced by the service cabinet at the San Pablo Avenue/Robert Miller Drive intersection.
2. **Structural Review and Design:** Since the City of San Pablo decorative poles are not a Caltrans standard pole, the pole foundations will need to be designed and approved by a licensed engineer. KPW will review light pole and base plate calculations prepared by others for compliance with minimum code standards. KPW will provide design criteria for Caltrans standard drilled pier pole support foundation as well as applicability of standard design. KPW will provide a review letter as well as specific design criteria for the drilled pier foundations. These variables will include pier diameter and depth based on the project soils report.
3. **Revise Construction Documents:** BKF will coordinate with the design team regarding deliverables and review the new light locations to ensure no conflicts with known facilities.

II. COMPENSATION

BKF proposes to provide the services on a **time and materials not-to-exceed basis of \$ 10,568** including reimbursable expenses as detailed in the attached fee summary. All Conditions, Exclusions and Assumptions contained in the original agreement dated June 24, 2015 will apply.

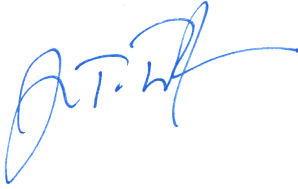
For tasks requested by the owner or architect not defined in this scope of services, BKF will identify them as potential extra work. We can provide a scope and fee for these items or they may be tracked separately as extra work and billed on a time and materials per our attached rate schedule.

SERVICES AND STANDARD OF CARE

BKF Engineers' services are limited to those expressly set forth in the scope. We understand that BKF will have no other obligations or responsibilities for the project except as provided in this proposal letter, or as otherwise agreed to in writing. BKF will provide the scope of services consistent with, and limited to, the standard of care applicable to such services.

Thank you for the opportunity to present this proposal. We look forward to assisting in developing this project. Please contact me at 925.940.2218 if you have any questions regarding our scope of services.

Respectfully,
BKF Engineers



Jason T. White, PE, LEED AP, QSD/P
Associate



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PROFESSIONAL PERSONNEL SERVICE FEES

JANUARY 1, 2018 - DECEMBER 31, 2018

PERSONNEL

HOURLY RATES

ENGINEERING

Senior Associate	\$212.00
Associate	\$206.00
Project Manager	\$197.00 - \$202.00
Engineer IV	\$182.00
Engineer I, II, III	\$129.00 - \$148.00 - \$168.00
Engineering Assistant	\$79.00
Junior Engineer	\$67.00

PLANNING

Planner I, II, III, IV	\$129.00 - \$148.00 - \$168.00 - \$182.00
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SURVEYING

Senior Associate	\$212.00
Associate	\$206.00
Project Manager	\$197.00 - \$202.00
Surveyor I, II, III, IV	\$129.00 - \$148.00 - \$168.00 - \$181.00
Survey Party Chief	\$169.00
Survey Chainman	\$109.00
Apprentice I, II, III, IV	\$67.00 - \$90.00 - \$99.00 - \$105.00
Instrumentman	\$145.00
Surveying Assistant	\$79.00
Junior Surveyor	\$67.00
Utility Locating Superintendent	\$170.00
Utility Locator I, II, III	\$88.00 - \$124.00 - \$149.00
BIM Specialist I, II, III	\$129.00 - \$148.00 - \$168.00

DESIGN AND DRAFTING

Technician I, II, III, IV	\$123.00 - \$131.00 - \$143.00 - \$155.00
Drafter I, II, III, IV	\$96.00 - \$106.00 - \$114.00 - \$127.00

CONSTRUCTION ADMINISTRATION/QSP-QSD

Senior Construction Administrator	\$191.00
Resident Engineer	\$142.00
Field Engineer I, II, III	\$129.00 - \$148.00 - \$168.00
Senior Consultant	\$221.00

SERVICES AND EXPENSES

Project Assistant	\$79.00
Clerical/Administrative Assistant	\$67.00
Delivery Services	\$35.00

Principals' time on projects is chargeable at \$237.00- \$260.00 per hour. Charges for outside services, equipment, and facilities not furnished directly by BKF Engineers will be billed at cost plus 10%. Such charges may include, but shall not be limited to printing and reproduction services; shipping, delivery, and courier charges; subconsultant fees and expenses; special fees, permits, and insurance; transportation on public carriers, meals, and lodging; and consumable materials. Mileage will be charged at the prevailing IRS rate per mile. Monthly invoices are due within 30 days from invoice date. Interest will be charged at 0.833% per month on past due accounts. Expert witness/litigation rates are available upon request.

CITY OF SAN PABLO/CITY OF RICHMOND			BKF Engineers Engineer and Surveyor					Total Hours	Total Fee
SAN PABLO AVENUE COMPLETE STREETS PROJECT			Principal Dan Schaefer	Associate Jason White	Project Engineer Joseph Young	Project Engineer Jana Cicerello	Design Engineer Jon Machado		
SUMMARY OF LABOR ESTIMATE									
4.11.18									
Task	Description	Labor Rate	\$237	\$206	\$168	\$148	\$129		\$
Task 1 Construction Support									
1.1	Revise Construction Documents			4	8			12	\$2,168
Task 1 Construction Support Subtotal:			0	4	8	0	0	12	\$2,168
Reimbursable Expenses									\$500
Consultant Expenses									
KPW			\$2,500.00						\$2,500
Fehr & Peers			\$12,500.00						\$5,400
Total Compensation:									\$10,568