

Bellecci & Associates

September 28, 2016

VIA EMAIL

Chris Gioia, PE
Senior Civil Engineer, City of San Pablo
Engineering & Environmental Services, Building 3
510.215.3062 | Direct
Email: ChristopherG@sanpabloca.gov

Regarding: Proposal for Surveying and Engineering Services to City of San Pablo
Police Station Exterior Foundation Repair Plans rev 3

Dear Mr. Gioia,

Bellecci & Associates, Inc. ("CONSULTANT") appreciates the invitation from City of San Pablo ("CLIENT") to provide a proposal the following civil engineering services for the Police Station Project. Following is our proposed scope of professional services:

Basic Services:

Project history and description: See attached letter by Miller Pacific.

#	Description	Budget
1	Half day of field surveying and 6 hours of base mapping for Miller Pacific CAD base, + 1 hour crew coordination. (the area to be surveyed is approx. 2000 sf plus additional points for context)	\$1,988
2	Geotechnical Engineering (see attached proposal) - including subconsultant mark-up All Plans by MPEG	\$8,453
3	Bellecci to perform one site visit with MPEG after topo is done; and Bellecci to provide one set of civil red-line mark-ups to the MPEG plans after the draft submittal.	\$1,100
4	Technical Specifications on the plans by MPEG (no separate booklet by CONSULTANTS)	\$0
5	Bellecci Coordination (emails, phone calls, invoicing)	\$500
Total		\$12,041.00

OPTIONAL SERVICES (OS)

Services that may be performed upon approval by Client:

#	Description	Budget
OS1	Separate specifications booklet (added cost to #4 above)	\$2,000
OS2	Boilerplate specifications (if not prepared by City)	\$1,500
OS3	CA Services	TBD

We appreciate being considered for this

Sincerely,



Daniel Leary, PE PTOE QSD/P
PE License #: C48394

CONCORD
2290 Diamond Blvd. Suite 100
Concord, CA 94520-5744
Tel. 925.685.4569

PLEASANTON
7041 Koll Center Parkway, Suite 132
Pleasanton, CA 94566
Tel. 925.681.4885

Civil Engineering Land Surveying



**MILLER PACIFIC
ENGINEERING GROUP**

June 22, 2016
File: 1691.013pro.doc

City of San Pablo
Engineering & Environmental Services
13831 San Pablo Avenue
San Pablo, California 94806

Attention: Mr. Chris Gioia

Re: Proposal for Geotechnical Engineering Services
Police Station Settlement
13880 San Pablo Avenue
San Pablo, California

Introduction

Following our discussions, we are pleased to propose our geo-civil engineering services to assist with mitigation of reported settlement and cracking in the vicinity of the elevator at the police station located at 13880 San Pablo Avenue, in San Pablo, California. We understand that the original structure was built in the late 1980's and the elevator added a few years later. The building was converted into the police station in 1996 and settlement within the vicinity of the elevator has reportedly been ongoing for several years.

We performed a site reconnaissance on May 31, 2016 to observe surface conditions and to assess potential causes of the settlement. We also completed two shallow hand-auger borings around the perimeter of the elevator on June 14, 2016, and performed laboratory testing on samples collected from the borings. The purpose of our current services is to prepare an engineering design for settlement remediation and repair.

Scope of Services

Our understanding of the project scope is based on our discussions and our experience with similar projects. We will perform a geotechnical investigation at the site which will include the following:

- Review of readily available geotechnical and geologic reference materials.
- Coordinate with Underground Service Alert (USA) to mark underground utilities in areas where we plan to conduct subsurface exploration.
- Obtain all necessary drilling permits from Contra Costa County.
- Subsurface exploration utilizing one soil boring performed in the general vicinity of the existing elevator. We anticipate the boring will be completed using portable drilling equipment and will extend through the underlying fill and near-surface soils and into underlying firm soils (estimated depth of about 20 to 30 feet below ground surface).
- Laboratory testing to estimate pertinent engineering properties of the soils encountered during our exploration.

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- Preparation of a brief letter report which summarizes our findings, recommendations, and mitigation options. The report will also provide our boring logs, laboratory test results, and other supporting data.

Following our geotechnical investigation, we will prepare an engineering design for settlement remediation and repair. We anticipate this will consist of localized underpinning of the elevator structure using helical anchor and removal and replacement of the existing slab-on-grade floor. Additionally, we will prepare plans, details and technical specifications for use in bidding and construction of the project.

Contractual Arrangements

We will provide our services in accordance with our current Agreement for Geotechnical Consulting Services for a fixed fee of \$7,900. Following completion of our geotechnical investigation, we can provide supplemental consultation on a time-and-expense basis as requested by the City.

We are pleased to have the opportunity to work with you on this project and are prepared to begin our services soon after your authorization. Please call me if you have any questions concerning this proposal.

Very truly yours,
MILLER PACIFIC ENGINEERING GROUP



Scott Stephens
Geotechnical Engineer No. 2398
(Expires 6/30/17)

City of San Pablo
Police Station Foundation Repair Project
Project Schedule - update 9.28.16

ID	Task Name	Duration	Start	Finish	Pred	Reso					
							September	October	November	December	January
1	NTP	0 days	Mon 10/3/16	Mon 10/3/16				◆			
2	Base Mapping	1 wk	Mon 10/3/16	Fri 10/7/16	1		■				
3	Geotechnical Evaluation	1 wk	Mon 10/10/16	Fri 10/14/16	2		■				
4	Draft Foundation Repair Plans	2 wks	Mon 10/17/16	Fri 10/28/16	3		■■■				
5	City review	2 wks	Mon 10/31/16	Fri 11/11/16	4		■■■■				
6	Final Foundation Repair Plans	2 wks	Mon 11/14/16	Fri 11/25/16	5		■■■■■				
7	Final Submittal to City	1 day	Mon 11/28/16	Mon 11/28/16	6		■				