



# STAFF REPORT

CITY COUNCIL OF THE CITY OF SAUSALITO

## AGENDA TITLE:

Review and Approval of Change Order No. 3 to Contract with Alten Construction Inc. for Sausalito Public Safety Facilities Project and Change Order No. 1 to CEL/Geosphere Geotechnical Special Inspections Agreement

## RECOMMENDED MOTION:

Adopt a Resolution of the City Council of the City of Sausalito Approving and Authorizing the City Manager to Execute: (1) Change Order No. 3 to the Contract with Alten Construction Inc. for Sausalito Public Safety Facilities Project New Construction dated October 9, 2008; and (2) Change Order No. 1 to the Contract with CEL/Geosphere Consultants Inc. for Geotechnical Inspections for Sausalito Public Safety Facilities Project Construction dated October 21, 2008

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## SUMMARY

Alten Construction Inc. has submitted five (5) Change Order Requests totaling \$150,019.88 and CEL/Geosphere has submitted one (1) Change Order Request in the amount of \$37,000. Swinerton Management & Consulting, Glass Architects and staff of the City of Sausalito have reviewed the Change Order Requests and find that the requests and the amounts are justified and that Alten Construction Inc. and CEL/Geosphere are entitled to request and receive the additional funds.

## BACKGROUND

Alten Construction Inc. (the City's General Contractor on the Public Safety Facilities Project) was issued a Notice to Proceed on October 9<sup>th</sup>, 2008. During the course of the initial phases of construction, Alten has encountered situations that were either not clearly outlined, or were entirely unforeseen, and has diligently performed additional work as authorized and issued Change Order Requests to the City of Sausalito for review and consideration. CEL/Geosphere was chosen to provide Geotechnical Special Inspections and Consultation to the City of Sausalito for the Public Safety Facilities Project. The Change Order Requests are detailed as follows:

### Alten Change Order Request – 002

#### Added Underpinning at the Police Station Site - \$48,845.88 (COR-002)

This Change Order Request is related to the installation of the Temporary Shoring system required at the Police Station prior to installation of the permanent Retaining Walls. After

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Meeting Date: June 9, 2009  
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commencement of the work, Alten and their structural engineer discovered soil conditions that necessitated the installation of underpinning of a structure adjacent to the Police Station Site. The work proposed involved digging pits and installing reinforced concrete footings to prevent settling by the adjacent structure due to water saturated soil. The underpinning as proposed was reviewed by the City's Geotechnical Engineer and the scope of work was accepted as adequate and necessary. Alten did not originally include underpinning in their Contract with the City. It has been noted by the Project Team, including the Geotechnical Engineer, that had the Project (and the process of installing the Temporary Shoring) started at an earlier date, prior to the rainy season, underpinning may not have been necessary. However due to the timing of rainfall, the bulk of the work was conducted during the rainy season and as a result, water saturated soil conditions contributed to the need to install the underpinning to provide for the protection of the adjacent structure. The costs included in this Change Order Request are for direct sub-contractor costs and laborer costs incurred directly by Alten Construction. The associated costs for the installation of the underpinning have been reviewed by SMC, Glass Architects and City Staff and are acceptable.

**Alten Change Order Request – 008**

**Delay Costs due to installation of Underpinning - \$7,800 (COR-008)**

This Change Order Request is related to the installation of the necessary underpinning of the adjacent structure at the Police Station site. After it was deemed necessary to install the underpinning, Alten's Structural Engineer designed and submitted a scope of work for the City's Design Team and consultants to review. During this period of review, Alten was unable to proceed with any work. Once the installation of the underpinning began, as this was a new scope of work, other planned activities were delayed until completion of the underpinning. The costs included in this Change Order Request are for delays to the project and the associated General Conditions costs per day. Alten's General Conditions per day are \$975.00 (plus overhead, profit and insurance) for costs associated with equipment and trailer rental, site security, superintendent and other daily costs. Alten originally requested approximately \$63,000 of compensation for General Conditions Costs associated with the underpinning citing an overall delay to the Project of 55 Calendar days. SMC reviewed the schedule and the Critical Path of the Project and determined that while the overall project has been delayed due to the installation, Alten was only entitled to receive compensation for General Conditions for eight (8) days, due to the concurrency of submittal reviews and other activities. Alten Construction will be granted a total of thirty-eight (38) days of Contract Schedule Duration (i.e., the official project schedule will be extended 38 days, of which only eight (8) of those days are compensable for extended General Conditions for a total of \$7,800.

**Alten Change Order Request – 009**

**Delays resulting from the discovery of underground tanks and removal of soil at the Fire Department Site - \$5,850 (COR-009)**

This Change Order Request is related to the discovery of the underground storage tanks discovered after the commencement of the Project. The City has previously paid for costs

related to the costs associated with the soil and tank removal, and acquiring the services of an environmental engineer. In this Change Order Request, Alten is requesting compensation for General Conditions costs resulting from the stoppage of work and the delay to the overall schedule of the Project. Alten originally cited that the discovery of the tanks and the time associated with soil removal and testing, impacted the overall schedule by 36 days and their original request for compensation was approximately \$41,000. SMC reviewed the schedule and the Critical Path of the Project and determined that while the overall project was delayed due to the discovery of the tanks, Alten was only entitled to receive compensation for General Conditions for six (6) days, due to the concurrency of submittal reviews and other activities. Alten Construction will be granted a total of 40 days of Contract Schedule Duration, of which Alten will be compensated for General Conditions for only six (6) of those days for a total of \$5,850.

**Alten Change Order Request – 010**

**Added Engineering costs for underpinning Design - \$5,877 (COR-010)**

This Change Order Request is due to the unforeseen need to install underpinning of the adjacent structure at the Police Department site. The costs are for the design and submittal of engineering drawings by Alten’s Structural Engineer that were reviewed by the City’s Design Team and the Contra Costa County Building Department. The costs associated with this Change Order request have been reviewed by SMC, Glass Architects and City Staff and are acceptable.

**Alten Change Order Request – 011**

**Changes to Temporary Shoring Design - \$81,647 (COR-011)**

This Change Order Request is due to the change of the design of the temporary shoring system from a tie-back and shotcrete system to a soldier pile and lagging system along the southern wall of the Police Department site. Alten Construction’s original design for the temporary shoring system involved the installation of tie-back rods drilled and placed approximately 15’ deep into the adjacent hillside with a shotcrete face placed to support the adjacent hillside until the permanent retaining walls could be placed. Once work on the temporary shoring began and the current soil conditions were observed, it was determined that the existing conditions warranted a re-design of the temporary shoring system. Water-saturated soil and unstable sub-surface soil conditions would not be effectively supported by the installation of tie-backs and shotcrete. Discussions were held among the City’s design team, the Geotechnical Engineer and Alten’s Structural Engineer and it was decided to re-design the temporary shoring to a system of drilled piles and lagging boards to support the adjacent hillside. The installation methodology for soldier piles and lagging was a more effective approach for supporting the type and condition of the soil discovered. The change of the scope of work involved increased costs due to materials and installation labor. Alten Construction originally requested compensation of \$101,647 for the costs associated with the re-design and installation. The City countered that certain of the conditions encountered should have been anticipated by Alten Construction and that the costs submitted should be discounted by \$20,000. The City

proposed, and Alten agreed to, a final amount of \$81,647 for the change to the design of the temporary shoring system.

**CEL/Geosphere Change Order Request #1 to Agreement for additional Geotechnical Engineering and Inspections for the Public Safety Project - \$37,000**

CEL/Geosphere was hired by the City of Sausalito to provide Geotechnical Special Inspections and Consultation for the Public Safety Facilities project. The original contract amount with CEL/Geosphere was \$32,866.00, which was an estimate of services that would be required, based solely upon a review of the Plans and Specifications, but prior to the bidding of work by General Contractors or the submission of a construction schedule by the General Contractor after acceptance of bid. At the time that proposals were requested from Geotechnical Engineers, there was no information available to them as to the design of the temporary shoring system, as the shoring was a design/build system to be submitted by the General Contractor after acceptance of their bid for the Project. CEL/Geosphere also could not have anticipated the discovery of the underground storage tanks at the Fire Department site. Nor could CEL/Geosphere have foreseen that the temporary shoring system would require changes and re-design after the work had commenced. Due to the factors above, CEL/Geosphere has requested approval of Change Order #1 to their original agreement with the City of Sausalito of \$37,000. CEL/Geosphere has acknowledged that this request is a direct cost impact to the City of Sausalito, and has agreed to issue a credit memo to the City of Sausalito in the amount of \$3,500, so that the net cost addition to the City of Sausalito will be \$33,500.

A partial breakdown of additional costs requested in the Amendment #1 are as follows:

- Due to the discovery of the UST's, additional review and consultation with CEL/Geosphere was required. Cost associated with this are \$4,854
- Due to the change of the temporary shoring design and the installation of underpinning of the adjacent structure, CEL/Geosphere provided additional design review and conducted additional site visits to review conditions and installation of work. Cost associated with this additional work amounted to \$21,662.50
- CEL/Geosphere assisted the City during the bidding process and pre-construction period by providing additional plan review and consultation. The costs associated with this portion of work are \$1,500
- The remaining costs (approximately \$7,500) included in the Amendment Request are related to revisions of CEL/Geosphere's original estimate and proposal once a construction schedule was received and reviewed, and a more accurate analysis of the resources that would be required to provide geotechnical inspection services could be established.

CEL/Geosphere at the time of their original proposal to the City could not have anticipated the additional time or services that would be required for the Project due to information not being available at the time of their proposal, nor could they have anticipated the discovery of UST's or changes that would ultimately be required to the temporary shoring design at the time of their

original proposal, thus CEL/Geosphere is entitled to submit the Change Order Request. SMC and City Staff have reviewed the Change Order Request and the costs are acceptable.

## **ISSUES**

No issues have been identified with the contemplated action.

## **FISCAL IMPACT**

Approval of Change Order Nos. 3 (Alten Construction) and 1 (CEL/Geosphere) will result in a deduction of \$150,019.88 from the construction contingency encumbrance and \$37,000 from the soft cost contingency encumbrance of the General Obligation Bond Funds for this Project. Taking the proposed change orders into account, the contingency funds remaining are \$593,383 for construction and \$127,605 for soft costs.

## **STAFF RECOMMENDATIONS**

Staff, Swinerton Management & Consulting and Glass Architects recommend that the City Council

Adopt a Resolution of the City Council of the City of Sausalito Approving and Authorizing the City Manager to Execute: (1) Change Order No. 3 to the Contract with Alten Construction Inc. for Sausalito Public Safety Facilities Project New Construction dated October 9, 2008; and (2) Change Order No. 1 to the Contract with CEL/Geosphere Consultants Inc. for Geotechnical Inspections for Sausalito Public Safety Facilities Project Construction dated October 21, 2008

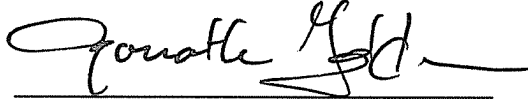
## **ATTACHMENTS**

1. Resolution No. \_\_\_ of the City Council of the City of Sausalito Approving and Authorizing the City Manager to Execute: (1) Change Order No. 3 to the Contract with Alten Construction Inc. for Sausalito Public Safety Facilities Project New Construction dated October 9, 2008; and (2) Change Order No. 1 to the Contract with CEL/Geosphere Consultants Inc. for Geotechnical Inspections for Sausalito Public Safety Facilities Project Construction dated October 21, 2008
2. Alten COR 002 – Added Underpinning
3. Alten COR 008 – Delay due to Underpinning
4. Alten COR 009 – Delay due to discovery of UST's
5. Alten COR 010 – Added Engineering for Underpinning
6. Alten COR 011 – Changes to Temp Shoring System
7. Change Order Request – CEL/Geosphere

PREPARED BY:

  
\_\_\_\_\_  
Loren Umbertis  
Swinerton Management & Consulting

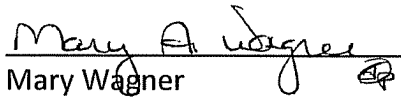
REVIEWED BY:

  
\_\_\_\_\_  
Jonathon Goldman  
Director of Public Works

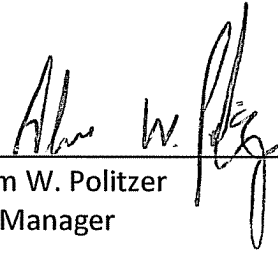
REVIEWED BY:

  
\_\_\_\_\_  
Charlie Francis  
Administrative Services Director/Treasurer

REVIEWED BY:

  
\_\_\_\_\_  
Mary Wagner  
City Attorney

SUBMITTED BY:

  
\_\_\_\_\_  
Adam W. Politzer  
City Manager

RESOLUTION No. \_\_\_\_\_

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAUSALITO  
APPROVING AND AUTHORIZING THE CITY MANAGER TO EXECUTE  
(1) CHANGE ORDER NO. 3 TO THE CONTRACT WITH ALTEN CONSTRUCTION,  
INC. FOR SAUSALITO PUBLIC SAFETY FACILITIES PROJECT NEW  
CONSTRUCTION DATED OCTOBER 9, 2008  
AND  
(2) CHANGE ORDER NO. 1 TO THE CONTRACT WITH CEL/GEOSPHERE  
CONSULTANTS, INC. FOR GEOTECHNICAL INSPECTIONS FOR SAUSALITO  
PUBLIC SAFETY FACILITIES PROJECT  
CONSTRUCTION DATED OCTOBER 21, 2008**

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**WHEREAS**, by minute order adopted on the 23<sup>rd</sup> day of September, 2008 the City Council of the City of Sausalito awarded Alten Construction, Inc. of Richmond, California ("Alten") a contract for BID NUMBER F-141, THE SAUSALITO PUBLIC SAFETY FACILITIES PROJECT NEW CONSTRUCTION (the "Project"); and

**WHEREAS**, the Contract with Alten for the Project was fully executed the 9<sup>th</sup> day of October, 2008 and Notice to Proceed was issued; and

**WHEREAS**, with Council Action of October 21, 2008, CEL/Geosphere was retained for geotechnical inspections needed during construction of the Project; and

**WHEREAS**, during the course of the initial phases of construction of the Project, Alten and CEL/Geosphere have encountered situations that were either not clearly outlined, or were entirely unforeseen, and have diligently performed additional work as authorized by the City under the terms of their respective Contracts, and

**WHEREAS**, Alten, in conformance with its Contract, has issued Change Order Requests numbered COR-002, COR-008, COR-009, COR-010 and COR-011 to the City of Sausalito for review and consideration, and

**WHEREAS**, CEL/Geosphere, in conformance with its Contract, has issued a Change Order Request dated April 29, 2009 to the City of Sausalito for review and consideration; and

**WHEREAS**, the City's Architect for the Project, Glass Architects, its Construction Manager, Swinerton Management & Consulting, and the City's Director of Public Works, have reviewed and considered said Change Order Requests and confirmed that they are justified, equitable, and otherwise in order, and recommend that the City Council approve said requests as CHANGE ORDER No. 3 to said Contract with Alten in the amount of \$150,019.88 (ONE-HUNDRED FIFTY-THOUSAND NINETEEN AND 88/100 DOLLARS), and CHANGE

ORDER No. 1 to said Contract with CEL/Geosphere in the amount of \$37,000.00 (THIRTY-SEVEN THOUSAND DOLLARS).

**NOW, THEREFORE,** the City Council of the City of Sausalito does hereby resolve as follows:

1. CHANGE ORDER No. 3 (which incorporates Alten Change Order Requests numbered COR-002, COR-008, COR-009, COR-010 and COR-011 by reference hereunder), in the amount of \$150,019.88 (ONE-HUNDRED FIFTY-THOUSAND NINETEEN AND 88/100 DOLLARS), to the Contract dated the 9<sup>th</sup> day of October, 2008 between Alten Construction Inc. and the City of Sausalito, is hereby approved.
2. The City Manager is authorized to execute said CHANGE ORDER No. 3 to the Contract with Alten on behalf of the City.
3. CHANGE ORDER No. 1 (which incorporates CEL/Geosphere's Change Order Request dated April 29, 2009 by reference hereunder), in the amount of \$37,000.00 (THIRTY-SEVEN THOUSAND DOLLARS) to the Contract dated the 21<sup>st</sup> day of October, 2008 between CEL/Geosphere, Inc. and the City of Sausalito, is hereby approved.
4. The City Manager is authorized to execute said CHANGE ORDER No. 1 to the Contract with CEL/Geosphere on behalf of the City.

**PASSED AND ADOPTED** at a regular meeting of the City Council of the City of Sausalito on the 9th day of June, 2009, by the following vote:

AYES:            Councilmembers:  
 NOES:            Councilmembers:  
 ABSTAIN:       Councilmembers:

\_\_\_\_\_  
 Mayor, City of Sausalito

ATTEST:

\_\_\_\_\_  
 City Clerk

GF  
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## Change Order Request Summary

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-002  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project:** Sausalito Fire & Safety  
**Description:** Added Underpinning

**Project No.:** 28011

**Scope of Change (Indicate the basis, the location, and the scope change):**

This change order is for the cost associated with the added underpinning that was deemed necessary due to a discrepancy in the soils report. Because of the necessity to get stabilizing piers in as quickly as possible, there was a good deal of overtime worked. The time spent on Alten's part is for our foreman's time spent dealing with the Demex crew. Even though the job was greatly slowed by this unforeseen condition, our foreman was able to perform some contract layout so we are only charging for half his time on the days Demex was working on underpinning.

**Cost Summary:**

1	General Contractor's Cost Breakdown		
	a. Labor		\$3,323
	b. Material		\$0
	c. Tax (material)		\$0
	d. Equipment		\$0
	e. Other items		\$0
2	Subcontractors' Subtotal (see attachment)		\$40,529
3	Total profit and overhead		\$3,943
4	Bonds and Insurance at 2.2% of total		\$1,051
5	<b>Change Order Request Total Cost</b>		<b>\$48,846</b>

Compensable days:

Non-compensable days:

Above prices subject to cost changes if not accepted in 14 days. All amounts shown are in US Dollars. It is mutually agreed that, if job escalation is required, a loss of productivity will result and reimbursement will be due.

Notwithstanding any other provision of this change order, the following are not waived or released and all rights are reserved with respect to: (1) extensions of time in connection with the above work; and (2) items omitted from or not priced in the proposal, including items not specifically described, costs of associated delays, disruption, acceleration, impacts on other work, etc.

*No work will commence on the above until written authorization has been received in our office.*

**Adjustment of the Contract Sum:** \$48,846

ACI PM: [Signature] Date: 5/18/09 ACI Management: \_\_\_\_\_ Date: \_\_\_\_\_

Architect: \_\_\_\_\_ Date: \_\_\_\_\_ IOR: \_\_\_\_\_ Date: \_\_\_\_\_

Construction manager: [Signature] Date: 5.26.09

**Owner's Response:** Accept: \_\_\_\_\_ Reject: \_\_\_\_\_ Other: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

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## Change Order Request Cost Breakdown

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-002  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety**  
**Description: Added Underpinning**

**Project No.: 28011**

Cost Code	Description	Qty.	Price	Per	Amount
31000-SHORING	Foreman	44	75.52	1 Hour	3,322.88
	Added Underpinning	1	40,529.00	1 Piece	40,529.00
	Profit and overhead Labor (15%)	1	498.00	1 Piece	498.00
	Profit and overhead Subcontractor (8.5%)	1	3,445.00	1 Piece	3,445.00
	Bonds and insurance (2.2%)	1	1,051.00	1 Piece	1,051.00
Tax					
<b>Total</b>					<b>48,845.88</b>

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## Change Order

Demex Engineering, Inc.,  
 5 Thomas Mellon Circle, Ste. 244,  
 San Francisco, CA 94134.  
 (415) 715-6753

Date: January 14, 2009  
 Contractor: Alten Construction, Inc  
 Project number: 28011  
 Change order number: 001  
 Original contract date: October 2, 2008

Extra Work not Included in Original Contract at 29 Caledonia Street, Sausalito, CA
Sausalito Public Safety Facilities Project
Underpinning Work performed in December 2008
See Inv. #'s: 842,843 & 844

**Change the original contract amount by:      \$40,529.36**

Payment to be made as follows:


We agree to furnish labor & materials complete in accordance with the above specifications at the price stated above.	
DEMEX ENGINEERING, INC	Date

Above additional work to be performed under the same conditions as specified in the original contract unless otherwise stipulated.	
Contractor/Owner	Date

**Note:** This change order becomes part of the original contract.

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**DEMEX Engineering Inc.**

**5 Thomas Mellon Circle,  
Suite 244,  
San Francisco,  
CA 94134.**

**Invoice**

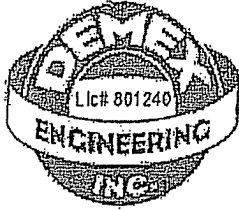
Date	#
12/30/2008	844

Bill To
Alten Construction, Inc. 720 12th Street, Richmond, CA 94801.

Description	Amount
Job Site: Sausalito Public Safety Facilities Project (29 Caledonia Street)	
Extra Work: (T & M) 12/18/08 3 Laborers (24 Hrs @ \$65.00 each per hour) Concrete Pump & Pump Operator	1,560.00 450.00
12/20/08 3 Laborers (18 Hrs Overtime) 1 Foreman (6 Hrs @ \$75.00 per hour) Concrete Pump & Operator	1,395.00 450.00 450.00
Material Used for Underpinning: 12/18/08 & 12/20/08 Concrete Overhead/Profit 15%	1,889.43 930.00
<b>TOTAL</b>	
	<b>\$7,124.43</b>

Phone #	Fax #	E-Mail
(415) 715-6753	(415) 715-6758	DEMEXENGINEERING@sbcglobal.net

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www.demexengineering.com

Office:  
5 Thomas Mellon Circle., Suite 244  
San Francisco, CA 94134

Office: (415) 715-6753  
Cell: (415) 608-4610

Mailing:  
5 Thomas Mellon Circle, Suite 244,  
San Francisco, CA 94134

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12/18/08

EXTRA WORK ORDER

Job Name: 29 CAL-DRAIN

Job No.: \_\_\_\_\_

Phase No.: \_\_\_\_\_

Description of Work:

Framing underpinning Entersol  
Backfill with lean mix concrete

		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo Perez	Labor	12-18-08	8			
Alfredo Flores	Labor	12-18-08	8			
Thaine Alhara	Carpenter	12-18-08	8			
Luis Guzman	Pump operator	12-18-08	2			

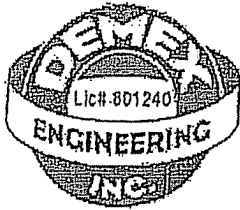
Quan	Material / Equipment	Price	Amount	Totals	
1	Concrete under Form: Shivan Co. Co.			Total Labor	
1	Concrete pump 2 HR			Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Authorizing Signature: [Signature]

Date: \_\_\_\_\_

Date: \_\_\_\_\_

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www.demexengineering.com

Office:  
5 Thomas Mellon Circle, Suite 244  
San Francisco, CA 94134

Mailing:  
5 Thomas Mellon Circle, Suite 244,  
San Francisco, CA 94134

Office: (415) 715-6753  
Cell: (415) 608-4610

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-20-08

**EXTRA WORK ORDER**

Job Name: 24 CALIFORNIA # Job No.: \_\_\_\_\_ Phase No.: \_\_\_\_\_

Description of Work:  
Framing & Backfill lean mix concrete under new concrete wall footing

		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo Perez	Labor	12-20-08		6		
Alfredo Flores	Labor	12-20-08		6		
Jaime Villebore	Carpenter	12-20-08		6		
Luis Guzman	Ironworker	12-20-08		6		
Tommy Hucing	Ironworker	12-20-08		6		

Quan	Material / Equipment	Price	Amount	Totals	
	Concrete pump 2 hr			Total Labor	
	Concrete order form			Total Material	
	Shimrock Con Crk			Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Authorizing Signature  
[Signature]  
Date \_\_\_\_\_

Date \_\_\_\_\_

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(AND AFFILIATED COMPANIES)

REMIT TO:  
 P.O. BOX 808044 PETALUMA, CA 94975-8044  
 Main Office: (707) 781-9000  
 Ready Mix Dispatch: (800) 779-5777  
 www.shamrockmaterials.com

<b>INVOICE</b>
705461

DATE 12-18-08  
 PAGE # 1  
 ORDER # 97  
 CUSTOMER # 25304

DEMEX ENGINEERING  
 STE 244  
 5 THOMAS MELLON CIRCLE  
 SAN FRANCISCO CA 94134-0000

PROJECT #  
 PROJECT NAME:  
 CUSTOMER P O. #  
 JOB #:  
 SHIPPED TO: 29 CALEDONIA ST

PLANT	TICKET	QUANTITY	UOM	PRODUCT	DESCRIPTION	UNIT PRICE	AMOUNT
1	53097	8.00	CY	3002	2.0SK-SAND SLURRY	117.00	936.00
		1.00	EA	964	ENVIRONMENTAL LEVY	18.00	18.00
		75.00	EA.	910	STAND-BY TIME	1.50	112.50
		75.00	EA.	920	OVERTIME	0.90	67.50

TERMS: All invoices are due on the 10th day of the month following purchase. Discounts taken after that date will not be honored. Any invoice not paid in full by the last day of the month following purchase will be considered past-due and subject to a finance charge computed at the periodic rate of 1 1/4% per month (18% per annum). Customer agrees to reimburse Seller for all legal fees and court costs associated with the collection of any invoice.	TOTAL YARDS	TAXABLE AMOUNT	TAX	<b>TOTAL DUE</b> \$1,213.17
	8.00	\$1,021.50	\$79.17	
	DISC AMT	IF PAID BY 1/10/09		
	\$8.00			

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(AND AFFILIATED COMPANIES)

REMIT TO:  
 P.O. BOX 808044 PETALUMA, CA 94975-8044  
 Main Office: (707) 781-9000  
 Ready Mix Dispatch: (800) 779-5777  
 www.shamrockmaterials.com

<b>INVOICE</b>
705726

DATE 12-20-08  
 PAGE # 1  
 ORDER # 21  
 CUSTOMER # 25304

DEMEX ENGINEERING 20  
 STE 244  
 5 THOMAS MELLON CIRCLE  
 SAN FRANCISCO CA 94134-0000

PROJECT #  
 PROJECT NAME:  
 CUSTOMER P.O. #  
 JOB #:  
 SHIPPED TO: 29 CALEDONIA ST

PLANT	TICKET	QUANTITY	UOM	PRODUCT	DESCRIPTION	UNIT PRICE	AMOUNT
4	46953	4.00	CY	1500	FLOWABLE COMPACTED FILL	104.50	418.00
		4.00	EA.	960	SATURDAY PREMIUM	8.00	32.00
		1.00	EA	964	ENVIRONMENTAL LEVY	18.00	18.00
		1.00	EA	932	SHORT LOAD: 2.25-4.0CY	90.00	90.00
		50.00	EA.	910	STAND-BY TIME	1.50	75.00

<small>TERMS: All invoices are due on the 10th day of the month following purchase. Discounts taken after that date will not be honored. Any invoice not paid in full by the last day of the month following purchase will be considered past-due and subject to a finance charge computed at the periodic rate of 1 1/2% per month (18% per annum). Customer agrees to reimburse Seller for all legal fees and court costs associated with the collection of any invoice.</small>	TOTAL YARDS	TAXABLE AMOUNT	TAX	<b>TOTAL DUE</b>
	4.00	\$558.00	\$43.26	
	DISC AMT	IF PAID BY 1/10/09		\$676.26
	\$4.00			

6F  
16



DEMEX Engineering Inc.  
 5 Thomas Mellon Circle,  
 Suite 244,  
 San Francisco,  
 CA 94134.

DEC 18 2008

Invoice

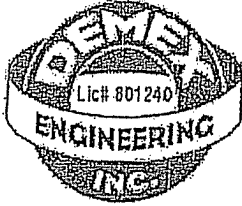
Date	#
12/15/2008	843

Bill To
Alten Construction, Inc. 720 12th Street, Richmond, CA 94801.

Description	Amount
Job Site: Sausalito Public Safety Facilities Project (29 Caledonia Street)	
Extra Work (T & M) (12/08/08, 12/09/08, 12/10/08, 12/11/08 & 12/12/08)	
4 Laborers @ \$65.00 each per day (160 Hrs)	10,400.00
(12/12/08) 2 Laborers 0.5 hrs overtime each	77.50
(12/13/08) 2 Laborers 2.5 Hrs overtime each	387.50
12/10/08: Concrete Pump & Pump Operator	450.00
12/12/08: Concrete Pump & Pump Operator	450.00
1 Foreman (19 Hrs @ \$ 75.00 per hour )	1,425.00
1 Foreman 2.5 Hrs overtime (12/13/08)	187.50
Equipment: 12/08/08, 12/09/08, 12/10/08, 12/11/08 & 12/12/08	
2 Clay Spade @ \$50.00 each per day (5 Days)	500.00
1 Compressor @ \$348.00 per day (5 days)	1,740.00
Material Used for Underpinning:	
Concrete: 12/10/08 & 12/12/08	2,499.18
Grout	377.25
Overhead/Profit 15%	2,774.10
<b>TOTAL</b>	
	\$21,268.03

Phone #	Fax #	E-Mail
(415) 715-6753	(415) 715-6758	DEMEXENGINEERING@sbcglobal.net

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5 Thomas Mellon Circle., Suite 244  
San Francisco, CA 94134

Office: (415) 715-6753  
Cell: (415) 608-4610

Mailing:  
5 Thomas Mellon Circle, Suite 244,  
San Francisco, CA 94134

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-08-08

**EXTRA WORK ORDER**

Job Name: 29 Caledonia Job No.: \_\_\_\_\_ Phase No.: \_\_\_\_\_

Description of Work: underpinning

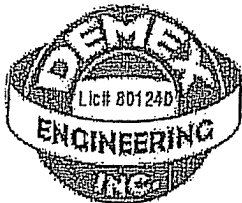
		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo perez	Miner	12-08-08	8			
Alfredo Flores	Miner	12-08-08	8			
Alvaro Guzman	Topman	12-08-08	8			
Juan Guzman	Topman	12-08-08	8			

Quan	Material/Equipment	Price	Amount	Totals	
2	clay spate			Total Labor	
1	Compressor 430 CFM			Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Date: 12-09-08

Authorizing Signature: PAUL FITZGERALD/ALTEN.  
Date: \_\_\_\_\_

LF 18



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San Francisco, CA 94134

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-09-08

EXTRA WORK ORDER

Job Name: 29 Caledonia Job No.: \_\_\_\_\_ Phase No.: \_\_\_\_\_

Description of Work: Underpinning

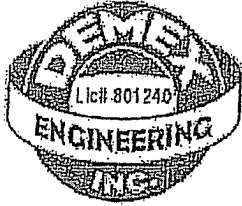
		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo Perez	Miner	12-09-08	8			
Alfredo Flores	Miner	12-09-08	8			
Alvaro Guzman	Tipman	12-09-08	8			
Juan Guzman	Tipman	12-09-08	8			

Quan	Material / Equipment	Price	Amount	Totals	
2	clay spate			Total Labor	
1	Compressor 430 CFM			Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

12-09-08  
Date

Authorizing Signature  
PAUL FITZGERALD/ALTEN.  
Date

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San Francisco, CA 94134

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-10-2008

EXTRA WORK ORDER

Job Name: 29 Caledonia Job No.: Sanzalito Phase No.: \_\_\_\_\_

Description of Work: Underpinning

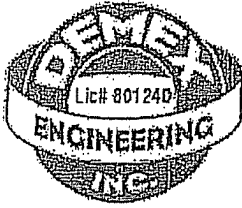
		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo Perez	Miner	12-10-08	8			
Alfredo Flores	Miner	12-10-08	8			
Alvaro Guzman	Topman	12-10-08	8			
Juan Guzman	Topman	12-10-08	8			
Luis Guzman	pump operator	12-10-08	4			

Quan	Material/Equipment	Price	Amount	Totals	
2	Clay spate			Total Labor	
1	Compressor 430 CFM			Total Material	
1	Concrete pump - 4 HP			Total Equipment	
	Concrete Form Show Rock			OH&P	
				<b>TOTAL</b>	

Date: 12-11-08

Authorizing Signature: PAUL FITZGERALD

6F  
20



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Andrew

SPSF

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Cell: (415) 608-4610

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-11-2008

EXTRA WORK ORDER

Job Name: 29 caledonia Job No.: Sausalito Phase No.: \_\_\_\_\_

Description of Work: Under pinning

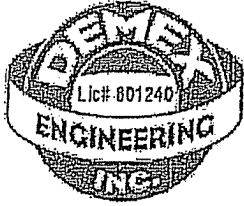
		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo Perez	Miner	12-11-08	8			
Alfredo Flores	Miner	12-11-08	8			
Alvaro Guzman	Topman	12-11-08	8			
Juan Guzman	Topman	12-11-08	8			

Quan	Material / Equipment	Price	Amount	Totals	
2	Clay spate			Total Labor	
1	Compressor 430 CFM			Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Date: 12-11-08

Authorizing Signature: PAUL FITZGERALD  
Date: \_\_\_\_\_

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San Francisco, CA 94134

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Email: demexengineering@sbcglobal.net

Date: 12-12-08

EXTRA WORK ORDER

Job Name: 29 Caledonia Job No.: \_\_\_\_\_ Phase No.: \_\_\_\_\_

Description of Work: Sausalito  
Under pinning

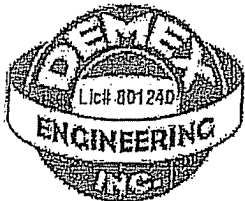
		Date	Hours		Rate	Amount
			Reg.	OT		
Alfredo Perez	miner	12-12-08	8	1/2		
Alfredo Flores	miner	12-12-08	8	1/2		
Alvaro Guzman	Top man	12-12-08	8	0		
Juan Guzman	Top man	12-12-08	8	0		
Luis Guzman	pump operator	12-12-08	2			

Quan	Material / Equipment	Price	Amount	Totals	
2	Clay spate			Total Labor	
1	Compressor 430 CFM			Total Material	
1	Concrete pump	2 HR		Total Equipment	
	Concrete order from			OH&P	
	Sham Rock			<b>TOTAL</b>	

Date: 12-15-08

Authorizing Signature: [Signature]  
Date: \_\_\_\_\_

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22



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San Francisco, CA 94134

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-13-08

EXTRA WORK ORDER

Job Name: 29 CALEDONIA Job No.: \_\_\_\_\_ Phase No.: \_\_\_\_\_

Description of Work: Sausalito  
under pinning

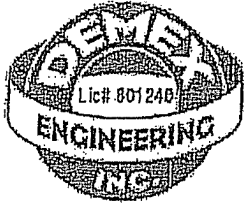
		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo perez	miner	12-13-08	2.5			
Alfredo Flores	miner	12-13-08	2.5			

Quan	Material / Equipment	Price	Amount	Totals	
				Total Labor	
				Total Material	
				Total Equipment	
				OH&P	
				TOTAL	

Date: 12-15-08

Authorizing Signature: [Signature]  
Date: \_\_\_\_\_

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Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-13-08

**EXTRA WORK ORDER**

Job Name: 29 CALEDONIA

Job No.: \_\_\_\_\_

Phase No.: \_\_\_\_\_

Description of Work: Sansalito

		Date	Hours		Rate	Amount
			Reg	OT		
<u>SAMMY HUANG</u>	<u>Foreman</u>	<u>12-03-08</u>	<u>4</u>			
		<u>12-04-08</u>	<u>4</u>			
		<u>12-05-08</u>	<u>3</u>			
		<u>12-08-08</u>	<u>3</u>			
		<u>12-09-08</u>	<u>3</u>			
		<u>12-10-08</u>	<u>5</u>			
		<u>12-11-08</u>	<u>4</u>			
		<u>12-12-08</u>	<u>4</u>			
		<u>12-13-08</u>		<u>2.5</u>		

Quan	Material / Equipment	Price	Amount	Totals	
				Total Labor	
				Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Authorizing Signature

[Signature]

Date

12-15-08

Date

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24





100% Employee Owned

www.mullerconstructionsupply.com

PLEASE REMIT TO:  
1230 Yard Court  
San Jose, CA 95133  
(800) 371-5225

RENTAL TERMS:

PAGE NO 1

- All hardware should be returned in the same condition in which it was rented, with normal wear and tear excepted.
- Hardware to be picked up at your jobsite should be accumulated in an area accessible to our vehicles.
- Reasonable charges for the repair or replacement of hardware that has been abused will be invoiced to your account.
- All shortages will be invoiced with an allowance for rental paid.

CUST. NO.	JOB NO.	PURCHASE ORDER NO.	REFERENCE	TERMS	CLERK	DATE	TIME
		SAMMY	PO # SAMMY ORD# 251313	CASH/CHECK/BANKCARD	CMK	12/11/08	7:34

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\*\*\* CASH \*\*\*

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REMARK

DEL. DATE: 12/11/08 TERM#574

SLSPR: 20 HOUSE SAN FRANCISCO

TAX : 010 SAN FRANCISCO COUNTY

DOC# 061313-2

\*\*\*\*\*

\* INVOICE \*

\*\*\*\*\*

NEW	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/PER	EXTENSION
				5300	DROUT HB CONSTRUCTION RC	18	11.59 /08	208.62
					HC			

\*\* PAYMENT RECEIVED \*\* 226.35 TAXABLE 208.62

\*\* PAID IN FULL \*\* NON-TAXABLE 0.00

SUBTOTAL 208.62

X \_\_\_\_\_  
RECEIVED BY

BANKCARD PAYMENT 226.35  
BKCRD#45434

TAX AMOUNT	17.73
TOTAL AMOUNT	226.35

Your Business is Extremely Important to us - Thank you

6F  
25



100% Employee Owned

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PLEASE REMIT TO:  
1230 Yard Court  
San Jose, CA 95133  
(800) 371-5225

RENTAL TERMS:

PAGE NO 1

- All hardware should be returned in the same condition in which it was rented, with normal wear and tear excepted.
- Hardware to be picked up at your jobsite should be accumulated in an area accessible to our vehicles.
- Reasonable charges for the repair or replacement of hardware that has been abused will be invoiced to your account.
- All shortages will be invoiced with an allowance for rental paid.

JUST. NO.	JOB NO.	PURCHASE ORDER NO.	REFERENCE	TERMS	CLERK	DATE	TIME
#2		CASH S.F.	PO # CASH S.F. ORD# 261465	CASH/CHECK/BANKCARD	PEF	12/12/08	12:58

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DEHEX  
29 CALLIFORNIA  
DEL. DATE: 12/12/08 TERM#575  
SLSR: 20 HOUSE SAN FRANCISCO  
TAX : 010 SAN FRANCISCO COUNTY

DOC# 061465/2  
\*\*\*\*\*  
\* INVOICE \*  
\*\*\*\*\*

ITEM	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/PER	EXTENSION
	12		DC	5300	GROUT MB CONSTRUCTION PC WC	12	11.59 /BG	139.08

\*\* PAYMENT RECEIVED \*\* 150.90 TAXABLE 139.08  
\*\* PAID IN FULL \*\* NON-TAXABLE 0.00  
SUBTOTAL 139.08

X  
RECEIVED BY \_\_\_\_\_

BANKCARD PAYMENT 150.90  
BKCRD#45434

TAX AMOUNT	11.92
TOTAL AMOUNT	150.90

Your Business is Extremely Important to us - Thank you

LOF  
26

**DEMEX Engineering Inc.**

5 Thomas Mellon Circle,  
 Suite 244,  
 San Francisco,  
 CA 94134.

**Invoice**

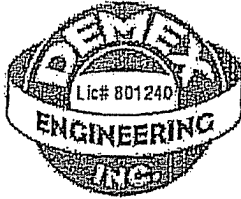
Date	#
12/15/2008	842

Bill To
Alten Construction, Inc. 720 12th Street, Richmond, CA 94801.

Description	Amount
Job Site: Sausalito Public Safety Facilities Project (29 Caledonia Street)	
Extra Work: (T & M) 12/03/08, 12/04/08 & 12/05/08	
4 Laborers (96 Hrs @ \$65.00 each per hour)	6,240.00
1 Foreman (11 Hrs @ \$ 75.00 per hour)	825.00
Equipment: 12/03/08, 12/04/08 & 12/05/08	
2 Clay Spades @ \$50.00 each per day (3 days)	300.00
1 Compressor @ \$348.00 per day (3 days)	1,044.00
Material used for Underpinning (See Invoice Attached)	1,832.96
Rebar used for Underpinning 3/8" (20 pieces @ \$5.40 each)	108.00
Rebar used for Underpinning 5/8" (16 pieces @ \$12.74 each)	203.84
Overhead/Profit 15%	1,583.10
<b>TOTAL</b> \$12,136.90	

Phone #	Fax #	E-Mail
(415) 715-6753	(415) 715-6758	DEMEXENGINEERING@sbcglobal.net

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San Francisco, CA 94134

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-03-08

**EXTRA WORK ORDER**

Job Name: 29 CALEDONIA Job No.: \_\_\_\_\_ Phase No.: \_\_\_\_\_

Description of Work: underpinning

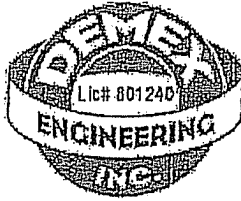
		Date	Hours		Rate	Amount
			Reg	OT		
ALFREDO PEREZ	Miner	12-03-08	8			
ALFREDO FLORES	Miner	12-03-08	8			
ALVARO GONZALEZ	Topman	12-03-08	8			
JUAN GONZALEZ	Topman	12-03-08	8			

Quan	Material / Equipment	Price	Amount	Totals	
2	Clay Spate			Total Labor	
1	Compressor / 430 CFM			Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Date: 12/04/08

Authorizing Signature: PAUL FITZGERALD / ALLEN

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Email: demexengineering@sbcglobal.net

Date: 12-04-08

**EXTRA WORK ORDER**

Job Name: 29 Celectronic

Job No.: \_\_\_\_\_

Phase No.: \_\_\_\_\_

Description of Work: Underpinning

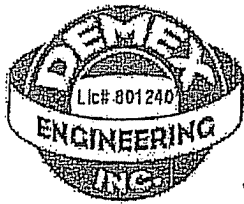
		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo Perez	Miner	12-04-08	8			
Alfredo Flores	Miner	12-04-08	8			
Alvaro Guzman	Tupman	12-04-08	8			
Juan Guzman	Tupman	12-04-08	8			

Quan	Material / Equipment	Price	Amount	Totals	
2	Clay Spate			Total Labor	
1	Compressor / 43 DCFM			Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Date: 12-05-08

Authorizing Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

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San Francisco, CA 94134

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Email: demexengineering@sbcglobal.net

Date: 12-05-08

**EXTRA WORK ORDER**

Job Name: 29 CALEDONIA

Job No.: \_\_\_\_\_

Phase No.: \_\_\_\_\_

Description of Work:

underpinning

		Date	Hours		Rate	Amount
			Reg	OT		
Alfredo Perez	Miner	12-05-08	8			
Alfredo Flores	Miner	12-05-08	8			
Alvaro Guzman	Topman	12-05-08	8			
Juan Guzman	Topman	12-05-08	8			

Quan	Material / Equipment	Price	Amount	Totals	
2	Clay spate			Total Labor	
1	Compressor / Gem 430			Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

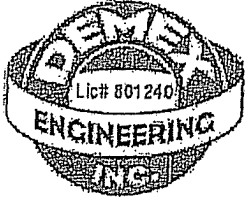
12-05-08

Authorizing Signature

Date

Date

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San Francisco, CA 94134

Fax: (415) 715-6758  
Email: demexengineering@sbcglobal.net

Date: 12-13-08

**EXTRA WORK ORDER**

Job Name: 29 Caledonia Job No.: \_\_\_\_\_ Phase No.: \_\_\_\_\_

Description of Work: Sausalito

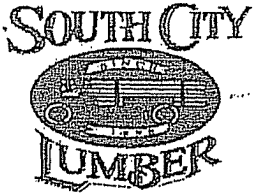
		Date	Hours		Rate	Amount
			Reg	OT		
<u>SAMMY HUANG</u>	<u>Foreman</u>	<u>12-03-08</u>	<u>4</u>			
		<u>12-04-08</u>	<u>4</u>			
		<u>12-05-08</u>	<u>3</u>			
		<u>12-08-08</u>	<u>3</u>			
		<u>12-09-08</u>	<u>3</u>			
		<u>12-10-08</u>	<u>5</u>			
		<u>12-11-08</u>	<u>4</u>			
		<u>12-12-08</u>	<u>4</u>			
		<u>12-13-08</u>		<u>2.5</u>		

Quan	Material / Equipment	Price	Amount	Totals	
				Total Labor	
				Total Material	
				Total Equipment	
				OH&P	
				<b>TOTAL</b>	

Date: 12-15-08

Authorizing Signature: [Signature]  
Date: \_\_\_\_\_

6F  
31



**SOUTH CITY LUMBER & SUPPLY**

499 RAILROAD AT SPRUCE  
 SOUTH SAN FRANCISCO, CA 94080  
 PHONE: (650) 588-5711

ASSOCIATED LOCATIONS

**SAN MATEO LUMBER**  
 510 S. Chatham Street  
 San Mateo, CA 94402  
 (650) 588-5711  
 Fax (650) 071-0069

**ECONOMY LUMBER**  
 750 High Street  
 Oakland, CA 94601  
 (510) 261-6100  
 Fax (510) 261-6101

SOLD TO: \*\*\*\* CASH \*\*\*\*

CUST NO: \*5  
 TERMS: NET 30  
 RESALE NO:  
 APPLY TO:  
 REFERENCE:  
 JOB NO: 000

DATE: 12/3/08 TIME: 6:56  
 CLERK: JIM TERMINAL: 576  
 SALESPERSON:  
 TAX: 005 SAN MATEO COUNTY

SHIP TO:

**INVOICE: E90803**

LINE	QTY	UM	SKU	DESCRIPTION	UNITS	SUGG	PRICE/	PER	EXTENSION
1	10	PR	727259	13" BLU/YEL NEOPR GLOVE	10		3.41	/PR	34.10
2	32	EA	21220PT	2X12X20 D/F PT .40 ACQ S4S	1280		1177.00	/MF	1,506.56
3	12	EA	2416PT	2X4X16 D/F PT ACQ S4S	128		982.00	/MF	125.70
4	1	EA	5016DCM	50LBS 16D COMMON NAILS	1		26.91	/EA	26.91

\*\* PAID IN FULL \*\*

1832.96

TAXABLE 1693.27  
 NON-TAXABLE 0.00  
 SUBTOTAL 1693.27

CHECK PAYMENT  
 CK# 1174 ABA# 90=2267

1832.96

TAX AMOUNT 139.69

**TOTAL 1832.96**



TOT WT: 0.00

X \_\_\_\_\_  
 Received By

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## Change Order Request Summary

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-008  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.  
 Submitted on  
 Approved on  
**Project No.: 28011**

**Project: Sausalito Fire & Safety**  
**Description: REVISED: Delay for Underpinning**

**Scope of Change (Indicate the basis, the location, and the scope change):**

REVISED: This change order is for the cost associated with added contract days resulting from unforeseen soil conditions at the Police Station. The total delay and actual impact to the schedule was 37 working days (55 Calendar days).

**Cost Summary:**

1	General Contractor's Cost Breakdown		
a.	Labor		\$0
b.	Material		\$0
c.	Tax (material)		\$0
d.	Equipment		\$0
e.	Other items		\$7,800
2	Subcontractors' Subtotal (see attachment)		\$0
3	Total profit and overhead		\$0
4	Bonds and Insurance at 2.2% of total		\$0
5	<b>Change Order Request Total Cost</b>		<b>\$7,800</b>

Compensable days: 30 Calendar Days

Non-compensable days: 8 Calendar Days

Above prices subject to cost changes if not accepted in 14 days. All amounts shown are in US Dollars. It is mutually agreed that, if job escalation is required, a loss of productivity will result and reimbursement will be due.

Notwithstanding any other provision of this change order, the following are not waived or released and all rights are reserved with respect to: (1) extensions of time in connection with the above work; and (2) items omitted from or not priced in the proposal, including items not specifically described, costs of associated delays, disruption, acceleration, impacts on other work, etc.

*No work will commence on the above until written authorization has been received in our office.*

**Adjustment of the Contract Sum: \$7,800**

ACI PM: \_\_\_\_\_ Date: \_\_\_\_\_ ACI Management: \_\_\_\_\_ Date: \_\_\_\_\_

Architect: \_\_\_\_\_ Date: \_\_\_\_\_ IOR: \_\_\_\_\_ Date: \_\_\_\_\_

Construction manager: [Signature] Date: 5.26.09

**Owner's Response:** Accept: \_\_\_\_\_ Reject: \_\_\_\_\_ Other: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

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## Change Order Request Cost Breakdown

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-008  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety**

**Project No.: 28011**

**Description: REVISED: Delay for Underpinning**

(All amounts shown are in US Dollars)

Cost Code	Description	Qty.	Price	Per	Amount
10000-GENERAL REQUIREMENTS	Extended Overhead for Delay	8	975.00	1 Day	7,800.00
	Profit and overhead Other (15%)	0	1,170.00	1 Piece	0.00
	Bonds and insurance (2.2%)	0	172.00	1 Piece	0.00
Tax					
<b>Total</b>					<b>\$7,800</b>

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## Sausalito Public Safety Facilities

### ACI Daily Direct Costs

Description	\$/Per Month	\$/Cal. Day
Jobsite Office Trailer - rented	\$ 220.89	\$ 7.36
Jobsite Office Trailer - rented	\$ 439.00	\$ 14.63
Storage Container	\$ 165.00	\$ 5.50
Construction Fencing	\$ 334.00	\$ 11.13
Temporary Toilets (2)	\$ 290.71	\$ 9.69
Power pole	\$ 130.00	\$ 4.33
Jobsite Telephone & Fax Line	\$ 82.27	\$ 2.74
DSL Phone Line (Computer)	\$ 39.99	\$ 1.33
SWPPP	\$ 550.00	\$ 18.33
Jobsite Equip Deliveries/Maintenance - 1/wk.	\$ 1,096.50	\$ 36.55
Truck Fuel & Equipment - 2/wk.	\$ 2,200.00	\$ 73.33
Temporary Power Distribution (Boxes & Cords)	\$ 150.00	\$ 5.00
Superintendent	\$ 10,287.00	\$ 342.90
Supr/Jobsite Truck	\$ 450.00	\$ 15.00
Supr/Jobsite Vehicle Fuel	\$ 250.00	\$ 8.33
Supr Cell Phone	\$ 100.00	\$ 3.33
Project Manager - 50%	\$ 4,856.24	\$ 161.87
Area Manager - 25%	\$ 2,890.50	\$ 96.35
Project Engineer - 50%	\$ 2,916.00	\$ 97.20
Scheduling (average per historical data)	\$ 1,160.00	\$ 38.67
Builders Risk Insurance	\$ 650.00	\$ 21.67
<b>TOTAL COST PER CALENDAR DAY</b>		<b>\$ 975.27</b>

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## Change Order Request Cost Breakdown

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-008  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety**  
**Description: Delay for Underpinning**  
 (All amounts shown are in US Dollars)

**Project No.: 28011**

Cost Code	Description	Qty.	Price	Per	Amount
10000-GENERAL REQUIREMENTS	Extended Overhead for Delay	55	975.00	1 Day	53,625.00
	Profit and overhead Other (15%)	1	8,044.00	1 Piece	8,044.00
	Bonds and insurance (2.2%)	1	1,357.00	1 Piece	1,357.00
Tax					
<b>Total</b>					<b>63,026</b>

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## Change Order Request Summary

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-009  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.  
 Submitted on  
 Approved on  
 Project No.: 28011

**Project:** Sausalito Fire & Safety  
**Description:** REVISED: Delay for Soil Removal at FD

**Scope of Change (Indicate the basis, the location, and the scope change):**

REVISED: This change order is for the cost associated with added contract days resulting from unforeseen soil conditions at the Fire Station (removal of contaminated soil). Although the issue actually started in October of last year, the baseline schedule was only impacted 36 days total.

**Cost Summary:**

1	General Contractor's Cost Breakdown		
a.	Labor		\$0
b.	Material		\$0
c.	Tax (material)		\$0
d.	Equipment		\$0
e.	Other items		\$5,850
2	Subcontractors' Subtotal (see attachment)		\$0
3	Total profit and overhead		\$0
4	Bonds and Insurance at 2.2% of total		\$0
5	<b>Change Order Request Total Cost</b>		<b>\$5,850</b>

Compensable days: 34 Calendar Days                      Non-compensable days: 6 Calendar Days

Above prices subject to cost changes if not accepted in 14 days. All amounts shown are in US Dollars. It is mutually agreed that, if job escalation is required, a loss of productivity will result and reimbursement will be due.

Notwithstanding any other provision of this change order, the following are not waived or released and all rights are reserved with respect to: (1) extensions of time in connection with the above work; and (2) items omitted from or not priced in the proposal, including items not specifically described, costs of associated delays, disruption, acceleration, impacts on other work, etc.

*No work will commence on the above until written authorization has been received in our office.*

**Adjustment of the Contract Sum:** \$5,850

ACI PM: \_\_\_\_\_ Date: \_\_\_\_\_ ACI Management: \_\_\_\_\_ Date: \_\_\_\_\_

Architect: \_\_\_\_\_ Date: \_\_\_\_\_ IOR: \_\_\_\_\_ Date: \_\_\_\_\_

Construction manager Date: 5.26.09

**Owner's Response:** Accept: \_\_\_\_\_ Reject: \_\_\_\_\_ Other: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

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## Change Order Request Cost Breakdown

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-009  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety**

**Project No.: 28011**

**Description: REVISED: Delay for Soil Removal at FD**

(All amounts shown are in US Dollars)

Cost Code	Description	Qty.	Price	Per	Amount
10000-GENERAL REQUIREMENTS	Delay for Contaminated Soil Removal	6	975.00	1 Day	5,850.00
	Profit and overhead Other (15%)	0	878.00	1 Piece	0.00
	Bonds and insurance (2.2%)	0	129.00	1 Piece	0.00
Tax					
<b>Total</b>					<b>\$5,850</b>

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# Change Order Request Cost Breakdown

**Alten Construction Inc.**  
720 12<sup>th</sup> Street  
Richmond, CA 949801  
Tel: (510) 234-4200  
Fax: (510) 234-4402

G.C. Request No. CO-009  
RFI No.  
Other Request Type. PCO  
Other Request No.  
Package No.

**Project: Sausalito Fire & Safety**

**Project No.: 28011**

**Description: Delay for Soil Removal at FD**

(All amounts shown are in US Dollars)

Cost Code	Description	Qty.	Price	Per	Amount
10000-GENERAL REQUIREMENTS	Delay for Contaminated Soil Removal	36	975.00	1 Day	35,100.00
	Profit and overhead Other (15%)	1	5,265.00	1 Piece	5,265.00
	Bonds and insurance (2.2%)	1	888.00	1 Piece	888.00
<b>VOID</b>					
Tax					
<b>Total</b>					<b>41,253</b>

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## Sausalito Public Safety Facilities

### ACI Daily Direct Costs

Description	\$/Per Month	\$/Cal. Day
Jobsite Office Trailer - rented	\$ 220.89	\$ 7.36
Jobsite Office Trailer - rented	\$ 439.00	\$ 14.63
Storage Container	\$ 165.00	\$ 5.50
Construction Fencing	\$ 334.00	\$ 11.13
Temporary Toilets (2)	\$ 290.71	\$ 9.69
Power pole	\$ 130.00	\$ 4.33
Jobsite Telephone & Fax Line	\$ 82.27	\$ 2.74
DSL Phone Line (Computer)	\$ 39.99	\$ 1.33
SWPPP	\$ 550.00	\$ 18.33
Jobsite Equip Deliveries/Maintenance - 1/wk.	\$ 1,096.50	\$ 36.55
Truck Fuel & Equipment - 2/wk.	\$ 2,200.00	\$ 73.33
Temporary Power Distribution (Boxes & Cords)	\$ 150.00	\$ 5.00
Superintendent	\$ 10,287.00	\$ 342.90
Supr/Jobsite Truck	\$ 450.00	\$ 15.00
Supr/Jobsite Vehicle Fuel	\$ 250.00	\$ 8.33
Supr Cell Phone	\$ 100.00	\$ 3.33
Project Manager - 50%	\$ 4,856.24	\$ 161.87
Area Manager - 25%	\$ 2,890.50	\$ 96.35
Project Engineer - 50%	\$ 2,916.00	\$ 97.20
Scheduling (average per historical data)	\$ 1,160.00	\$ 38.67
Builders Risk Insurance	\$ 650.00	\$ 21.67
<b>TOTAL COST PER CALENDAR DAY</b>		<b>\$ 975.27</b>

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## Change Order Request Summary

**Alten Construction Inc.**

720 12<sup>th</sup> Street  
 Richmond, CA 94801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-010  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety****Project No.: 28011****Description: Added Engineering for Underpinning Design****Scope of Change (Indicate the basis, the location, and the scope change):**

This CO is for the cost associated with added engineering for the underpinning that was deemed necessary after the soil was discovered to be inadequate to temporarily support itself during construction of the shoring system. This change only reflects the engineer's costs and does not include the cost of delays related to the issue or the cost for the implementation of the system.

**Cost Summary:**

1	General Contractor's Cost Breakdown	
a.	Labor	<u>0</u>
b.	Material	<u>0</u>
c.	Tax (material)	<u>0</u>
d.	Equipment	<u>0</u>
e.	Other items	<u>5,000</u>
2	Subcontractors' Subtotal (see attachment)	<u>0</u>
3	Total profit and overhead	<u>750</u>
4	Bonds and Insurance at 2.2% of total	<u>127</u>
5	<b>Change Order Request Total Cost</b>	<u><b>5,877</b></u>

Compensable days:

Non-compensable days:

Above prices subject to cost changes if not accepted in 14 days. All amounts shown are in US Dollars. It is mutually agreed that, if job escalation is required, a loss of productivity will result and reimbursement will be due.

Notwithstanding any other provision of this change order, the following are not waived or released and all rights are reserved with respect to: (1) extensions of time in connection with the above work; and (2) items omitted from or not priced in the proposal, including items not specifically described, costs of associated delays, disruption, acceleration, impacts on other work, etc.

*No work will commence on the above until written authorization has been received in our office.*

**Adjustment of the Contract Sum:****5,877**

ACI PM: [Signature] Date: 5/18/09 ACI Management: \_\_\_\_\_ Date: \_\_\_\_\_

Architect: \_\_\_\_\_ Date: \_\_\_\_\_ IOR: \_\_\_\_\_ Date: \_\_\_\_\_

Construction manager: [Signature] Date: 5.26.09

**Owner's Response:** Accept: \_\_\_\_\_ Reject: \_\_\_\_\_ Other: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

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## Change Order Request Cost Breakdown

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-010  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety**

**Project No.: 28011**

**Description: Added Engineering for Underpinning Design**

(All amounts shown are in US Dollars)

Cost Code	Description	Qty.	Price	Per	Amount
		1	0.00	1 Piece	0.00
31000-SHORING	Added Engineering for Underpinning	20	250.00	1 Hour	5,000.00
	Profit and overhead Other (15%)	1	750.00	1 Piece	750.00
	Bonds and insurance (2.2%)	1	127.00	1 Piece	127.00
Tax					
<b>Total</b>					<b>5,877</b>

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SHORING • UNDERPINNING • REINFORCED EXCAVATION • ENGINEERS

Invoice Number: 083102-0

Mr. Bob Alten  
Alten Construction  
720 12th Street  
Richmond, CA 94801  
Via Email: balten@altenconstruction.com

SURE Reference: 0831.01  
Project: 29 Caledonia Street

Invoice Period Through: January 14, 2008

Revisions:

December 2, 2008 – 4 Hours  
Site Visit and Discussion for Need of Underpinning

December 5, 2008 – 2 Hours  
Site Visit for Underpinning Piers Excavation

December 11, 2008 – 2 Hours  
Site Visit for Jacking of Underpinning Piers

December 12, 2008 – 2 Hours  
Prepare Underpinning Plans

December 13, 2008 – 2 Hours  
Site Visit for Jacking of Underpinning Piers

December 14, 2008 – 6 Hours  
Prepare Underpinning Plans

December 15, 2008 – 2 Hours  
Prepare Underpinning Plans

December 22, 2008 – 4 Hours  
Site Visit and Discussion for Excavation Concerns

December 23, 2008 – 8 Hours  
Prepare Soldier Beams Shoring Plans

December 24, 2008 – 8 Hours  
Prepare Soldier Beams Shoring Plans

640 Bancroft Avenue • San Leandro • CA • 94577 • Tel: 510-798-0572 • Fax: 510-639-1840 • www.WeAreSure.com

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December 26, 2008 – 3 Hours  
Prepare Soldier Beams Shoring Plans

January 8, 2009 – 2 Hours  
Site Visit for Solider Beams Installation

January 14, 2009 – 3 Hours  
Response to Plan Review Comments

48 Hours at \$250 per Hour = \$12,000

Fee Previously Billed:	\$0.00
Current Fee Billing:	\$12,000.00
Amount Paid:	\$0.00
Amount Due:	\$12,000.00

Statement				
0 - 30 days	31 - 60 days	61 -90 days	Over 90 days	
\$12,000.00	\$0.00	\$0.00	\$0.00	

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## Change Order Request Summary

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-011  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project:** Sausalito Fire & Safety **Project No.:** 28011  
**Description:** REVISED: Changes Due to Redesign of Shoring System

**Scope of Change (Indicate the basis, the location, and the scope change):**

REVISED: This CO is for the cost associated with having to change from a tie back system to a hybrid tie-back and soldier beam system. The redesign was necessary after it was discovered that the soil characteristics of the hillside were not conducive to a tie-back system. This discovery was the result of unforeseen soil conditions and could not have been accounted for at the time of the bid.

**Cost Summary:**

1	General Contractor's Cost Breakdown	
a.	Labor	\$0
b.	Material	\$0
c.	Tax (material)	\$0
d.	Equipment	\$0
e.	Other items	\$81,647
2	Subcontractors' Subtotal (see attachment)	\$0
3	Total profit and overhead	\$0
4	Bonds and Insurance at 2.2% of total	\$0
5	<b>Change Order Request Total Cost</b>	<b>\$81,647</b>

Compensable days:

Non-compensable days:

Above prices subject to cost changes if not accepted in 14 days. All amounts shown are in US Dollars. It is mutually agreed that, if job escalation is required, a loss of productivity will result and reimbursement will be due.

Notwithstanding any other provision of this change order, the following are not waived or released and all rights are reserved with respect to: (1) extensions of time in connection with the above work; and (2) items omitted from or not priced in the proposal, including items not specifically described, costs of associated delays, disruption, acceleration, impacts on other work, etc.

*No work will commence on the above until written authorization has been received in our office.*

**Adjustment of the Contract Sum:** \$81,647

ACI PM: [Signature] Date: 5/18/09 ACI Management: \_\_\_\_\_ Date: \_\_\_\_\_

Architect: \_\_\_\_\_ Date: \_\_\_\_\_ IOR: \_\_\_\_\_ Date: \_\_\_\_\_

Construction manager: [Signature] Date: 5-26-09

**Owner's Response:** Accept: \_\_\_\_\_ Reject: \_\_\_\_\_ Other: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

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## Change Order Request Cost Breakdown

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-011  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety**

**Project No.: 28011**

**Description: REVISED: Changes Due to Redesign of Shoring System**

(All amounts shown are in US Dollars)

Cost Code	Description	Qty.	Price	Per	Amount
31000-SHORING	T&M Shotcrete	0	-3,930.00	1 Day	0.00
	3x12 DF PT	0	4,800.00	1 Piece	0.00
31000-SHORING	Credit for Reduced Install of Tie-Backs	20	0.00	1 Piece	0.00
31000-SHORING	Added Work and Material for Soldier Beams	1	0.00	1 Piece	0.00
31000-SHORING	Added Engineering for Soldier Beam System	0	250.00	1 Hour	0.00
	Delay/Impact to Schedule	0	975.00	1 Day	0.00
31000-SHORING	Agreed Total Changes	1	81,647.00	1 Piece	81,647.00
	Profit and overhead Material (15%)	0	0.00	1 Piece	0.00
	Profit and overhead Subcontractor (8.5%)	0	0.00	1 Piece	0.00
	Profit and overhead Other (15%)	0	12,247.00	1 Piece	0.00
	Bonds and insurance (2.2%)	0	1,796.00	1 Piece	0.00
<b>Tax</b>					
<b>Total</b>					<b>\$81,647</b>

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## Change Order Request Cost Breakdown

**Alten Construction Inc.**  
 720 12<sup>th</sup> Street  
 Richmond, CA 949801  
 Tel: (510) 234-4200  
 Fax: (510) 234-4402

G.C. Request No. CO-011  
 RFI No.  
 Other Request Type. PCO  
 Other Request No.  
 Package No.

**Project: Sausalito Fire & Safety**

**Project No.: 28011**

**Description: Changes Due to Redesign of Shoring System**

(All amounts shown are in US Dollars)

Cost Code	Description	Qty.	Price	Per	Amount
31000-SHORING	T&M Shotcrete	2	-3,930.00	1 Day	-7,860.00
	3x12 DF PT	1	4,800.00	1 Piece	4,800.00
31000-SHORING	Credit for Reduced Install of Tie-Backs	20	-1,115.00	1 Piece	-22,300.00
31000-SHORING	Added Work and Material for Soldier Beams	1	93,257.00	1 Piece	93,257.00
31000-SHORING	Added Engineering for Soldier Beam System	28	250.00	1 Hour	7,000.00
	<del>Delay/Impact to Schedule</del>	<del>16</del>	<del>975.00</del>	<del>1 Day</del>	<del>15,600.00</del>
	Profit and overhead Material (15%)	1	-459.00	1 Piece	-459.00
	Profit and overhead Subcontractor (8.5%)	1	6,031.00	1 Piece	6,031.00
	Profit and overhead Other (15%)	1	3,390.00	1 Piece	3,390.00
	Bonds and insurance (2.2%)	1	2,188.00	1 Piece	2,188.00
VOID					
Tax					
<b>Total</b>					<b>101,647</b>

**Credit**

Demex Engineering, Inc.,  
5 Thomas Mellon Circle, Ste. 244,  
San Francisco, CA 94134.  
(415) 715-6753

Date: January 22, 2009  
Contractor: Alten Construction  
Project number: 28011  
Credit number: 001

Original contract date: October 2, 2008

Subtract the following amount from the original contract:
Sausalito Public Safety Facilities Project:
Credit for installation of 20 Tiebacks due to revised Shoring design from 12/26/08

Change the original contract amount by: - \$ 22,300.00

Payment to be made as follows: N/A

We agree to furnish labor & materials complete in accordance with the above specifications at the price stated above.

DEMEX ENGINEERING, INC      Date 1/26/09

Contractor/Owner      Date

Note: This credit becomes part of the original contract.

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# JOHNSON WESTERN GUNITE COMPANY

940 DOOLITTLE DRIVE, SAN LEANDRO, CALIFORNIA 94577-1021

Phone: (510) 568-8112

Fax: (510) 568-1601

REHABILITATION	CONCRETE REPAIR	CANAL LINING	RESERVOIRS	COMMERCIAL BLDGS
----------------	-----------------	--------------	------------	------------------

## PRICING FOR RENTAL

To: **Alten Construction**  
Address:

Attention: **Robert A. Alten**  
Phone: 510-234-4200 Ext 13  
Fax: 510-234-4402

We propose to furnish labor and equipment only on a daily rental basis. All material purchased for project will be billed at cost plus 15%, or supplied by others.

Job Address: **Caledonia & Johnson St, Sausalito, California**

### Conditions

1. Starting time between 6:30 AM - 9:00 AM, Monday - Friday
2. Time is from arrival on job until equipment is cleaned and ready to leave job. Setting up and clean up requires approximately 30 MINUTES EACH.
3. Crew consists of laborers and an operator. These workers may work on other operations at your direction, when not actually doing shotcrete work.
4. Equipment consists of shotcrete pump, nozzle, hose (up to 300ft), miscellaneous tools and air compressor. Man lifts, scissor lifts or scaffolding / man lifts to be provided by others.
5. The following are specifically excluded, but are not limited to: scaffold and plank, man lifts, protection, debris boxes, testing, inspections, any permits, lights, ventilation, safe access, bonds, traffic and pedestrian control, personal protective equipment.

Crew Type/Equipment	Crew Size	8-hour rate	Overtime Rate
<b>Monday through Friday Rental Rates</b>			
Shotcrete	4 men	\$ 3,930.00/day	\$ 525.00/hr
Added Shotcrete Worker	1 man	\$ 575.00/day	\$ 95.00/hr
Groundwire Man	1 man	\$ 725.00/day	\$ 115.00/hr
Manlift	N/A	\$ 420.00/day	N/A

**NOTE:** All billings will be in full day increments. Partial days will be billed at the full 8-hour rate.  
Test Panel shot on a separate day will be charged as a rental.

**TERMS:** Payment by 10th of month for work performed the previous month. No retention allowed for rentals.

<b>ACCEPTANCE</b>		<b>JOHNSON WESTERN GUNITE COMPANY</b>	
The above proposal is hereby accepted		CA license #370035	
		WA license #223-01JO-HN-SW-G297JO	
<b>BY</b>	_____	<b>BY</b>	Rafael Mancera (rafael@jwgunite.com)
<b>TITLE</b>	_____	<b>TITLE</b>	Estimator
<b>COMPANY</b>	_____	<b>COMPANY</b>	JOHNSON WESTERN GUNITE CO.
<b>DATE</b>	_____	<b>DATE</b>	November 3, 2008

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## Change Order

Demex Engineering, Inc.,  
 5 Thomas Mellon Circle, Ste. 244,  
 San Francisco, CA 94134.  
 (415) 715-6753

Date: January 22, 2009  
 Contractor: Alten Construction  
 Project number: 28011  
 Change order number: 003  
 Original contract date: October 2, 2008

Add the following work to the original contract:
Sausalito Public Safety Facilities Project:
Shoring System as per Revised Plan from 12/26/08 Sheet SP0, SE0, SD4, SN5 and SN6
<del>- 4 DAYS OF BACK FILL MATERIAL</del>
- ADDED PLATES & WELDING
- DETAILING
- CONCRETE
- STEEL (+/- \$12,000)
- BEAM STIFFENERS AT (\$250 PER)

**Change the original contract amount by:** \$ 93,257.00

Payment to be made as follows:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

We agree to furnish labor & materials complete in accordance with the above specifications at the price stated above.	
DEMEX ENGINEERING, INC	Date 1/26/09

Above additional work to be performed under the same conditions as specified in the original contract unless otherwise stipulated.	
Contractor/Owner	Date

**Note:** This change order becomes part of the original contract.

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SHORING • UNDERPINNING • REINFORCED EXCAVATION • ENGINEERS

Invoice Number: 083102-0

Mr. Bob Alten  
Alten Construction  
720 12th Street  
Richmond, CA 94801  
Via Email: balten@altenconstruction.com

SURE Reference: 0831.01  
Project: 29 Caledonia Street

Invoice Period Through: January 14, 2008

Revisions:

December 2, 2008 – 4 Hours  
Site Visit and Discussion for Need of Underpinning

December 5, 2008 – 2 Hours  
Site Visit for Underpinning Piers Excavation

December 11, 2008 – 2 Hours  
Site Visit for Jacking of Underpinning Piers

December 12, 2008 – 2 Hours  
Prepare Underpinning Plans

December 13, 2008 – 2 Hours  
Site Visit for Jacking of Underpinning Piers

December 14, 2008 – 6 Hours  
Prepare Underpinning Plans

December 15, 2008 – 2 Hours  
Prepare Underpinning Plans

December 22, 2008 – 4 Hours  
Site Visit and Discussion for Excavation Concerns

December 23, 2008 – 8 Hours  
~~Prepare Soldier Beams Shoring Plans~~

December 24, 2008 – 8 Hours  
~~Prepare Soldier Beams Shoring Plans~~

December 26, 2008 – 3 Hours  
~~Prepare Soldier Beams Shoring Plans~~

January 8, 2009 – 2 Hours  
~~Site Visit for Soldier Beams Installation~~

January 14, 2009 – 3 Hours  
~~Response to Plan Review Comments~~

48 Hours at \$250 per Hour = \$12,000

Fee Previously Billed:	\$0.00
Current Fee Billing:	\$12,000.00
Amount Paid:	\$0.00
Amount Due:	\$12,000.00

Statement

0 - 30 days	31 - 60 days	61 - 90 days	Over 90 days
\$12,000.00	\$0.00	\$0.00	\$0.00

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Customer Sales History  
Header Lines Totals Utilities Exit Help

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csh001003

Sales Transaction Display

More:

Select an item line. Then an inquiry.

Tran no . : 292218      Date . . : 01/06/2009      Salesperson : 113  
Cust code : 3ALTEN06      Tran type : 2      Store no . : 3  
Cust name : ALTEN CONSTR-JOHNSON  
Address : SAUSALITO PUBLIC #28011      Ship to : SAUSALITO PUBLIC #28011  
          333 JOHNSON STREET                              333 JOHNSON STREET  
          SAUSALITO, CA 94965                             SAUSALITO, CA 94965

Item code	Description	Quantity	Price	Net amt
DESCRPTN	DEL MONDAY			
3123	3X12 DF RS TRTD/REFSL (LAGGING)	1856	800.000	4454.40

Net amt :            4454.40      Tax :            345.22      Total amt :            4799.62

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Enter Help F11=Cancel PF4=Exit

Port: (/dev/pts/21) ecspro

## Sausalito Public Safety Facilities

### ACI Daily Direct Costs

Description	\$/Per Month	\$/Cal. Day
Jobsite Office Trailer - rented	\$ 220.89	\$ 7.36
Jobsite Office Trailer - rented	\$ 439.00	\$ 14.63
Storage Container	\$ 165.00	\$ 5.50
Construction Fencing	\$ 334.00	\$ 11.13
Temporary Toilets (2)	\$ 290.71	\$ 9.69
Power pole	\$ 130.00	\$ 4.33
Jobsite Telephone & Fax Line	\$ 82.27	\$ 2.74
DSL Phone Line (Computer)	\$ 39.99	\$ 1.33
SWPPP	\$ 550.00	\$ 18.33
Jobsite Equip Deliveries/Maintenance - 1/wk.	\$ 1,096.50	\$ 36.55
Truck Fuel & Equipment - 2/wk.	\$ 2,200.00	\$ 73.33
Temporary Power Distribution (Boxes & Cords)	\$ 150.00	\$ 5.00
Superintendent	\$ 10,287.00	\$ 342.90
Supr/Jobsite Truck	\$ 450.00	\$ 15.00
Supr/Jobsite Vehicle Fuel	\$ 250.00	\$ 8.33
Supr Cell Phone	\$ 100.00	\$ 3.33
Project Manager - 50%	\$ 4,856.24	\$ 161.87
Area Manager - 25%	\$ 2,890.50	\$ 96.35
Project Engineer - 50%	\$ 2,916.00	\$ 97.20
Scheduling (average per historical data)	\$ 1,160.00	\$ 38.67
Builders Risk Insurance	\$ 650.00	\$ 21.67
<b>TOTAL COST PER CALENDAR DAY</b>		<b>\$ 975.27</b>

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Geosphere Consultants, Inc.

AN ETS COMPANY

Geotechnical Engineering • Engineering Geology  
Environmental Management • Water Resources

February 11, 2009  
**Revised April 29, 2009**

City of Sausalito  
c/o Community Development  
420 Liftho Street  
Sausalito, California 94965

Attention: Loren Umbertis – Project Manager

Subject: **Contract Change Order Request**  
Public Safety Facilities Project  
Caledonia Street and Johnson Street  
Sausalito, California  
Geosphere Project No. 91-01749-PW

Dear Mr. Umbertis:

We have prepared this letter to request a change order for additional funding to cover costs which are outside of the scope of our construction phase proposal dated October 15, 2008, including unanticipated buried fuel tank related costs and extra temporary shoring/underpinning issues. Geosphere Consultants, Inc., Consolidated Engineering Laboratories (CEL) Geotechnical Division is providing geotechnical construction monitoring services for the subject site. Geosphere is the Geotechnical Engineer-of-Record for the project, and has been providing consultation services throughout the design stage and construction phase. For our proposal we anticipated that our scope of work would involve:

- Observation and testing during building pad grading,
- Observation and testing of subgrade and baserock grading,
- Observation and testing of utility trench and retaining wall backfilling,
- Observation of foundation excavations for Police Station,
- Observation of pile installation for Fire Station,
- Geologic and geotechnical observation of retaining wall cuts,
- Laboratory testing,
- Consultation, letters, project management, plan review, site visits, and daily field report review.

At the time of our proposal, a construction schedule was not available for our review. For estimating purposes we assumed the following construction schedule:

- Shoring Installation Observation - Police Station – 5 days
- Mass Grading for Fire Station Pad – 2 days
- Mass Grading for Police Station -2 days
- Underground Utilities – On-site – 10 days
- Underground Utilities – Off-site/street connections – 5 days
- Pile Installation - Fire Station – 10 days
- Footing Observation – Police Station – 2 days

During the construction of the project, we anticipated that supplemental design issues would require engineering assistance. Based on our experience with similar projects, we anticipated about 24 hours of engineering support time. That estimate was prepared with an assumption of relatively timely non-problematic construction, and with grading, excavations and temporary shoring operations scheduled to be completed in the dry season. As it has



turned out, the project ran through the wet season and additionally had problems arise with the temporary shoring installation and the presence of existing fuel tanks. It has actually taken much more time for the construction items and to provide the necessary consultation due to the needs for underpinning, special shoring, and to other factors as described below. Numerous additional reports have been prepared for responses to Requests for Information (RFI's), materials submittals, as-built pier report and associated re-evaluation, and other items.

Most of the construction items commenced to date have significantly exceeded our time estimates – especially the temporary shoring which has already run several times the original estimate and which is anticipated to be finished within two weeks from now. Our initial project budget was \$32,866.00. We have currently issued invoices which total \$58,941.75 with the latest charge date of February 27, 2009 and have since added \$5,994.68 in charges for March and April for a total of \$64,936.43 (as of April 24, 2009). We will exceed the estimated budget amount due in part to the following main factors:

- 1) Buried fuel tanks were unexpectedly found in the Fire Station site which required removal and replacement with compacted fill. An environmental consultant was used to evaluate the extent of contamination. Our additional costs were associated primarily with backfill of the excavations with compacted fill. The costs incurred were about \$4,854.00.
- 2) Underpinning/temporary shoring issues accounted for over an additional \$21,662.50 in engineering consultation and in observation and testing services. That construction is still continuing.
- 3) Pre-construction plan review and consultation with the Structural Engineer and the Architect and other services accounted for about \$1,500.00 in additional charges.

Other factors which have affected the costs have included problems with excavations and grading due to wet materials, and additional consultation and reports for both the Fire Station and Police Station sites. The total overage represented on the invoices and unbilled charges through April 24, 2009 amounts to a total of about \$32,070.43.

We have been trying to provide our services as efficiently as possible and, for example, have used our technician to cover both Tubex installation and shoring pier excavation simultaneously when feasible. Additionally, we have re-evaluated the as-built Fire Station pier system resulting in a savings to the City. We have also evaluated the conditions at the Police Station subgrade, resulting in the use of on-site material as select fill, reducing or eliminating the need for select import fill there. The additional engineering charges that have been required have been charged on an actual hourly basis and no minimum charge was applied. In fact, in many instances, time that was spent on replies or discussions relative to the project was not charged (in recognition of the budget problems).

The manner in which our geotechnical testing, observation and consultation services are provided are on a Time and Materials basis since we can not precisely estimate the time which will ultimately be needed to complete our services in the construction phase. This is due to the presence of numerous factors beyond our anticipation or control. Some of these factors include the effects of weather, the presence of unforeseen conditions (such as the fuel tanks), the construction methods and progress of the contractors, and the amount of plan revisions, RFI's, submittals, and consultation which are requested. On this project, these were all factors which acted to increase costs as described above. The most significant item producing an increase has been the extended and revised temporary shoring installation and we indicated that we would need an increase in budget to the Project Manager as that became apparent. However, the exact amount could not be determined as the contractor's change in schedule was delayed and went through several revisions. In the interim, we continued providing our services in response to requests for field or office tasks in good faith. This was done in order to avoid any delays on our part and to help in averting the possibility of the excavation becoming unsafe or destructive to the neighboring structures.



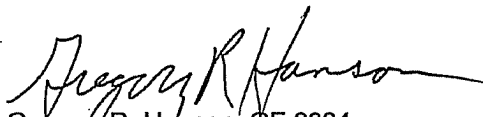


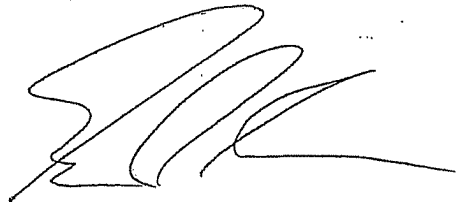
The remaining geotechnical services consist primarily of further foundation inspection for the Police Station, some pad and utility backfill compaction testing, observation of the Police Station under-slab subdrain system and north wall subdrain installations, and preparation of final summary reports for both buildings and associated improvements. We estimate that we will have at least an additional \$35,000.00 to \$37,000.00 in costs beyond the original contract amount and therefore we request that you increase our contract by a Time and Materials amount Not-to-Exceed \$37,000.00.

We believe that we have charged valid and necessary charges in resolving the issues. Additionally, we believe that our reports and letters were prepared in accordance with applicable standard of care and we portrayed the soils conditions accurately. We recognize that the City of Sausalito has been a valued client for this project and we also recognize that there has been significant cost over runs for many different contractors and vendors as a result of the soils issues. In the interest of providing value to the city, we are willing to issue a credit memo in the amount of \$3,500.00. We believe this is a fair arrangement in the interest of assisting the City with some of the additional costs of the project. This memo will be credited against existing and future invoices.

If this change order is acceptable, please sign below and return to us. Otherwise, send a contract for our review: If you have any questions regarding this change order, please contact the undersigned at (925) 314-7100, [grh@geosphereinc.net](mailto:grh@geosphereinc.net).

Sincerely,  
**GEOSPHERE CONSULTANTS, INC.**

  
Gregory R. Hanson, GE 2304  
Senior Geotechnical Engineer

  
Eric J. Swenson, GE, CEG  
Principal Geotechnical Engineer.

Distribution: 2 plus PDF to Addressee ([lumbertis@swinerton.com](mailto:lumbertis@swinerton.com))

GRH/EJS:pmf  
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SIGNATURE

\_\_\_\_\_  
DATE

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