

CHANGE ORDER(s)

AND /OR

LETTER(s) OF EXTENSION

CONTRACT CHANGE ORDER NO. 001 DATED DECEMBER 15, 2017

FILED WITH CONTRACT #34683

(PAUL PASTUSAK DBA PASTUSAK PLUMBING COMPANY)



Date:

December 15, 2017

To:

Sean Crumby, Deputy Director of Public Works

From:

Anne Takii, Administrative Analyst Avr

Subject:

CONTRACT CHANGE ORDER TRANSMITTAL MEMO

PROJECT:

R-7089 Rainbow Harbor Sewage EVAC

Repair & Upgrade

CONTRACTOR:

Paul Pastusak dba Pastusak Plumbing

Company

CCO#:

No. 1

ORIGINATED FROM:

Construction Management

SOURCE OF FUNDING:

CIP/Tidelands

REASON:

Extra work needed to complete the project

COST (CCO #1):

\$148,393.36

ORIGINAL CONTRACT:

\$811,600

APPROVED

CONTINGENCY (25%)

\$202,900

TIDELANDS CAPITAL IMPROVEMENT PROJECTS **Certification of Materials and Services**

TOTAL CONTRACT PLUS

CONTINGENCY

(Not to Exceed):

\$1,014,500

V024950-01 Vendor # PO PW17-38

Project PW8360 Detail 1030 Index PWCIPJB Subobject 210009

Sub-Detail Grant

TOTAL AMOUNT OF CCO'S TO DATE (INCLUDING

PROPOSED CCO'S):

\$148,393.36

PERCENT (%) OF CONTINGENCY USED IN CHANGE ORDERS TO

DATE (INCLUDING PROPOSED):

73.14%

CITY COUNCIL ACTION DATE:

July 18, 2017 (ITEM R-32)

BP

Authorized by



CITY OF LONG BEACH PUBLIC WORKS

OFFICE OF THE CITY MANAGER CITY OF LONG BEACH LONG BEACH, CA 90802

Pastusak Plumbing Company 1644 W 17th Street Long Beach, CA 90813 Date:

November 30, 2017

R-

7089

Contract No.:

34683

Program No.:

PW8360-10

PROJECT:

Long Beach Rainbow Harbor Sewer EVAC Project

CONTRACT CHANGE ORDER AUTHORIZATION NO. 1

PART 1 (Reason for Change)

- 1.1 Change order required for compensating the contractor for the additional work needed to deliver a complete, functional and reliable system per the contract documents. Per bid item #4, the work included the preparation of an estimate to repair the portions of the existing EVAC piping system that were found to be leaking or otherwise found to be defective and in need of replacement. The estimate determined that there were portions of the existing sewer system that were defective and needed replacement.
- 1.2 Change order required for compensating the contractor for extra work for removing the WYE connection which included excavation, slurry backfill, and new pipe material. During the work performed for bid item #4, an existing WYE connection was discovered during the inspection assessment and determined to be inactive. It was then determined that the removal of the existing WYE connection would provide an upgrade to the existing sewer system and be beneficial for the functionality of the system.

PART 2 (Description of Change)

- 2.1 Provide all labor, material and equipment to install new piping, hangers and supports for the existing sewer system. Attached please find Pastusak Plumbing's extra work proposal, Assessment Report, that includes the estimate.
- 2.2 Provide all labor, material and equipment to remove and install new piping at the WYE connection. Attached please find Pastusak Plumbing's extra work proposal, Assessment Wye Removal, along with J.S. Meek's extra work proposal, Field Wye Removal.

PART 3 CHANGE IN CONTRACT AMOUNT

A. BID ITEM QUANTITY ADJUSTMENTS

N/A

B. EXTRA WORK/AGREED PRICE

In accordance with procedures for changes in the work established in the specifications, you are authorized to do the following:

- Furnish to repair the portions of the existing EVAC piping system that were found to be leaking or otherwise found to be defective and in need of replacement. This includes all labor, materials and equipment for additional work for the lump sum of;\$115,034.24
- 2. Remove, Furnish, and install new piping at existing WYE connection within pedestrian walk way to provide an upgrade to the existing sewer EVAC piping system that was discovered during the inspection assessment. This includes all labor, materials and equipment for the work associated with the WYE connection for the lump sum of;

.\$33.359.12

Net Bid Item Quantity Adjustment

Net Extra Work / Agreed Price

= \$148,393.36

= \$0.00

Net to Contract Cost

= \$148,393.36

OTTY OF LONG BEACH PUBLIC WORKS

By signing this change order the Contractor acknowledges that it is familiar with California Civil Code Section 1542, which reads: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor;" and Contractor hereby releases the City from any unknown claims and waives its rights under Section 1542.

The prices set forth herein above shall be considered full compensation for all obligations of the contractor associated with this change order, and the City will not be liable for any claim of the contractor for delays or extra compensation resulting from performance of the requirements of this change order.

PART 4 CHANGE IN CONTRACT TIME

TIME FOR COMPLETION OF ALL WORK UNDER THE CONTRACT WILL BE EXTENDED FORTY-THREE DAYS (43) WORKING DAYS. PER CONTRACTOR'S APPROVED ESTIMATE, THE ADDITIONAL WORKING DAYS BREAKDOWN ISAS FOLLOWS:

- DOCK 2:2 DAYS
- DOCK 3: 1 DAY
- DOCK 4: 1 DAY
- DOCK 5: 1 DAY
- DOCK 6: 1 DAY
- DOCK 1:

MAIN RUN: 9 DAYS

FINGER 1:8 DAYS

FINGER 2:7 DAYS

FINGER 3:6 DAYS

FINGER 4:5 DAYS

WYE REMOVAL: 2 DAYS

THE REVISED COMPLETION DATE IS MARCH 30, 2018.

Recommended by:

Approved by:

Chief Construction Inspector (Date)

Contractor (Date)

Construction Services Officer (Date)

Deputy Director/City Engineer (Date)

Project Manager (Date)

Financial Management (Date)

OTTY OF LONG BEACH PV.

ANDERSON PENNA	Long Beach Rainbow Harbor Sewer EVAC - Assessment Report					Date Performed: T.B.D.			CM - APP			
Description of Work:	Additional work de contract.	etermined af	fter inspection an	d asse	ssment of th	e existing se	ewer line per		des de de de de de de de de de	mated Cost f	u PCD i	Ç.
Description of Repair	Location		(YTC	UNIT PRICE	EXTENDED AMOUNTS			-			
" Unistrut Clamp Change to		-										
tainless Steel * Unistrut Clamp Change to	DOCK 2			6	\$ 80.06	\$ 480.36					-	
tainless Steel	DOCK 2			1	\$ 87.58	\$ 87.58		-	1		 	
Loop Hangers Change to Stainless teel (includes \$70 parts)	DOCK 2	,		3	\$ 356.99	\$ 1,070.97						
langer set up with Unistrut Channel nd all Brackets and Clamps	DOCK 2		:	3	\$ 811.36	\$ 2,434.08						
" Loop Hanger Replace to Stainless teel (Includes \$80 parts)	DOCK 2			1	\$ 366.99	\$ 366.99						
Unistrut Clamp Change to	DOCK 3			10	\$ 80.06	\$ 800.60						
tainless Steel Loop Hangers Change to Stainless	DOCK 3			4	\$ 356.99	\$ 1,427.96						
Steel (Includes \$70 parts)	DOCK 3		·	1.	\$ 50.00	\$ 50.00						
	2001000141000014100014	100000000000000000000000000000000000000	yanayerani ayaa Jabat	essenter Essenter				<u> </u>				<u> </u>
" Unistrut Clamp Change to Stainless Steel	DOCK 4		,;,	15	\$ 80.06	\$ 1,200.90						
" Loop Hangers Change to Stainless Reel (Includes \$70 parts)	DOCK 4			4	\$ 356.99	\$ 1,427.96						
" 2 Hole Clamp Missing on Sewer	DOCK 4			1	\$ 50.00	\$ 50.00						
Unistrut Clamp Change to tainless Steel	DOCK 5			7	\$ 80.06	\$ 560.42						
Unistrut Clamp Change to tainless Steel	DOCK 5			1	\$ 87.58	\$ 87.58						
Loop Hangers Change to Stainless teel (Includes \$70 parts)	DOCK 5			5	\$ 356.99	\$ 1,784.95						
" Unistrut Clamp Change to	5004.0											
tainless Steel Unistrut Clamp Change to	. DOCK 6			1	\$ 80.06 \$ 87.58	\$ 320.24 \$ 87.58						
tainless Steel " Loop Hangers Change to Stainless iteel (Includes \$70 parts)			<u> </u>	1	\$ 356.99	\$ 356.99			-			
langer set up with Unistrut Channel nd all Brackets and Clamps	DOCK 1 - MAIN			30	\$ 811.36	\$ 24,340.80						
" 2 Hole Clamp Missing on Sewer	DOCK 1 - MAIN			3	\$ 50.00	\$ 150.00						
" Unistrut Clamp Change to tainless Steel	DOCK 1 - MAIN			80	\$ 80.06	\$ 6,404.80	·					
" Loop Hangers Change to Stainless iteel (Includes \$70 parts)	DOCK 1 - MAIN			5	\$ 356.99	\$ 1,784.95						
		945.467.8923		U2995/U996	(SECTOR DESCRIPTION OF SECTION OF	Vitterestance esti						
langer set up with Unistrut Channel nd all Brackets and Clamps	DOCK 1 - FINGER 1			21	\$ 811.36	\$ 17,038.56						
REDIT FOR HANGERS ON 3" INISTRUT	DOCK 1 - FINGER 1			17	\$ (20.00)	\$ (340.00)						
	(6) (6) (6) (6) (6) (6) (6) (6) (6) (6)					Beginsukkara						
langer set up with Unistrut Channel nd all Brackets and Clamps	DOCK 1 - FINGER 2			22	\$ 811.36	\$ 17,849.92				•		
" Unistrut Clamp Change to tainless Steel	DOCK 1 - FINGER 2			18	\$ 80.06	\$ 1,441.08				-		
langer set up with Unistrut Channel nd all Brackets and Clamps	DOCK 1 - FINGER 3			19	\$ 811.36	\$ 15,415.84						
Unistrut Clamp Change to tainless Steel	DOCK 1 - FINGER 3	<u>.</u>		28	\$ 80.06	\$ 2,241.68						
	80770888888888975788	seed to allow as	nessamentaristi Wari	Might 1988	(2///(00/19/00/20	V 15V/82/US (S)						
anger set up with Unistrut Channel nd all Brackets and Clamps	DOCK 1 - FINGER 4			15	\$ 811,36	\$ 12,170.40	TOTAL COST OF	WORK				\$ 113,895
Unistrut Clamp Change to tainless Steel	DOCK 1 - FINGER 3			35	\$ 80.06	\$ 2,802.10			•			
							•					
				10/	BONDING							\$ 1,13
				170			TOTAL THIS REF	ORT				\$ 115,03

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<u></u>		 		

1644 W 17th St. Long Beach, CA 90813 Phone: (562) 437-3346

Email: pastusak@verizon.net

October 3, 2017 To: City of Long Beach

Subject: Address all items in letter received from City of Long Beach, Public Work's Department, Brian Polivka

ITEM #1

DVD/USB Delivered to Brian Polivka on 9.29.17

ITEM #2

Schedule of Values are now broken into material and labor for each item. Items listed on Division C- Bid form with cost for each item.

Items 1-5

Completed 100%

Item 6

Completed 100%

Item 7

Electrical on Each Dock:

\$2,000 material

\$4,000 labor

Item 8

Sewer EVAC Pumps on Each Dock:

\$15,500 material

\$10,000 labor

Item 9

3in Suction Pipe on Each Dock:

\$500 material

\$3,000 labor

Item 10

Removed and Dispose of Existing Pedestals on Each Dock:

\$600 labor only

2 on all floats, except Pine Ave Pier, which has 1

Item 11

Each Pedestal Installed:

\$2,000 material

\$2,500 labor

2 on each dock, except Pine Ave Pier, which has 1

Item 12

Each Ball Valve (2 per dock):

\$1,000 material

\$1,300 labor

Item 13

Each Check Valve:

\$1,400 material

\$1,000 labor

Item 14:

Remove Piping on Each Gangway:

\$2,000 labor only

Item 15: 3in Gangway Piping on Each Gangway:

\$2,000 material \$4,100 labor

em 16: Hoses on Each Gangway:

\$1,200 material

\$800 labor

Item 17: Removal & Storage of Wood at Each Dock:

\$5,000 labor only

Item 18: Post Construction Inspection

\$3,000 labor only

Item 19: Abandon Existing EVAC Vault L/S

\$32,000 COMPLETE

Item 20: Comply with Cal Coastal

\$13,000

Billed with % completion of job

Item 21: Items for Lay Down & Pedestrian Controls

\$16,000

Billed with % completion of job

Item 22: MISC Construction Items (Bond- PAID to Bonding company

already)

\$25,000

Item 23: Allowance

\$20,000

City's discretion

Item A: Inspection: 50% complete

Testing: 50% complete (not able to complete yet)

\$3,000

Item B: Electrical

\$2,000 material

\$3,000 labor

Item C: Pump

\$15,500 material

\$10,000 labor

Item D: Suction Piping

\$500 material

\$3,000 labor

Item E: Each Pedestal Demo

\$600 material \$600 labor

Item F: Each Pedestal Installed

\$2,000 material \$2,500 labor

Item G: Each 3in Ball Valve

\$1,000 material \$1,300 labor

Item H:

Each 3in Check Valve

\$1,400 material

\$1,000 labor

item I:

Remove Gangway Piping

\$2,500 labor only

Item J:

Piping under Gangway

\$2,000 material

\$4,100 labor

Item K:

Gangway Hoses: 2 total, price is per hose

\$1,200 material

\$800 labor

Item L:

Wood Removal & Replace

\$5,000 labor only

Item M:

Post construction inspection

\$3,000 labor only

Item N:

Remove & Replace 3in PVC at varios locations, Per 10'

\$800

Item O:

Remove & Replace 3in PVC at Dock 1 Decking, Per 10'

\$800

ITEM #3

Assessment Report

Docks 2-6 Need minor repairs at hangers and can be put back in service rather quickly. All hangers should be repaired to bring systems back up to design levels.

On Pine Ave. Pier, all piping runs through the float and is supported by wood cradle and no further repairs need to be done.

Dock 1: 70% of supports are failing or have already failed. This includes all supports to your water mains and electrical piping. We cannot even water test the sewer for fear that the added weight would cause catastrophic failure of not only the sewer line but of the water and electrical as well.

If you want to get all the Dock 1 pedestals to be operational, then you would have to replace all cross braces listed below. You could eliminate some cost by not rehanging existing electrical because we plan on installing new hangers within 6" of old and not removing old hangers. This would mean that if you do not rehang electrical, that they may span off old hangers and stay up. However, this would add extra weight to the electrical and water piping.

ITEM #4

These repairs are for hangers only. Hangars on electrical and low voltage and water can be performed but we will not repair any electrical or low voltage piping, conduit or boxes. We also will not be prewiring any potable water lines. All sewer piping to be repaired under alternate items N&O.

Labor Cost:	
Poreman Vage with vacation/holiday: Benefits: SDI & Unemployment: (15.30%) Workers Comp: (9.25%) Liability: (10.11%) Total:	\$56.49 \$22.86 \$8.64 \$5.23 \$5.71 \$98.93
Mark up: (+20%) Labor cost per hour:	\$19.79 \$118.72
Journeyman Wage with vacation/holiday: Benefits (insurance/pension/training): SDI & Unemployment: (15.30%) Workers Comp: (9.25%) Liability: (10.11%) Total:	\$49.28 \$22.86 \$7.54 \$4.56 \$4.98 \$89.22
Mark up: (+20%) Labor cost per hour:	\$17.84 \$107.06
1st Term Apprentice Wage with vacation/holiday: Benefits: SDI & Unemployment: (15.30%) Workers Comp: (9.25%) Liability: (10.11%) Total:	\$22.47 \$2.64 \$3.44 \$3.28 \$2.27 \$34.10
Mark up: (20%) Labor cost per hour:	\$6.82 \$40.92
1 hour for 3/4 ton work truck (Cal Trans Standard)	\$20.29
1 hour labor crew: Foreman: Journeyman: 1st Term Apprentice: Truck:	\$118.72 \$107.06 \$40.92 \$20.29
TOTAL:	\$286.99

This price is to replace each support and unistrut clamps at that support by removal of 1 or 2 planks. Placing plywood down for pedestrians, installing support and clamps (all 316 SS) and replacing planks back.

Prices excludes any replacement of rub rail which may be damaged in some locations in removing planks.

Replace 1 hanger set up with unistrut channel and all brackets a	and clamps-
rehang existing utilities on bracket	•
Labor: 2 hrs of crew @ \$286.99	\$573.98
Parts: \$206.42 + 15%	\$237.38
Cost for each hanger support:	\$811.36
Material Cost Break Down:	* 4 - 40
2'- unistrut S/S @ \$18.99	\$47.48
2- L-brackets @ \$7.99	\$15.98
2- 3/8 x 2 1/2 SS lags @ \$0.74	\$1.48
2- 3/8 x 1 1/2 bolts S/S @ \$0.27	\$0.54
2- 3/8 spring nuts S/S @ \$4.25	\$8.50
10- screws on planks @ \$0.29	\$2.90
1- 4" clamp on water @ \$27.58	\$27.58
2- 1" clamps on electrical @ \$11.28	\$33.84
3- 2" clamps on electrical @ \$16.02	\$48.06
1- 3" clamp @ \$20.06	\$20.06
Total:	\$206.42
Replace (1) 2" band hanger	
Labor: 1 hour of crew @\$286.99	\$286.99
Parts: \$60	\$60.00
Cost for each band hanger:	\$346.99
Dayloon (4) 4" hand hanger	
Replace (1) 4" band hanger	ተባባር ርና
Labor: 1 hour of crew @\$286.99	\$286.99
Parts: \$80	\$80.00
Cost for each band hanger:	\$366.99

Recommendations for Docks 2-6 including Pine Ave Pier: Total Cost for Docks 2-6: \$12,579.72

DOCK 2: \$4,439.98 + bond (\$44.40) = \$4,484.38 "unistrut clamps change to S/S @ \$80.06 1- 4" unistrut clamp change to S/S @ \$87.58 3- 3" loop hangers change to S/S (1 hr crew & \$70 parts) x 3 3- hanger set up with unistrut channel and all brackets and clamps (see price above- \$811.36) 1- 4" loop hanger replaced to S/S (1 hr crew + \$80 parts)	\$480.36 \$87.58 \$1,070.97 \$2,434.08 \$366.99
DOCK 3: \$2,238.56 + bond (\$22.39) =\$2,260.95 10- 3" unistrut clamps changed to S/S @ \$80.06 4- 2" loop hangers changed to S/S @ \$346.99 1- 2 hole clamp missing on sewer @ \$50	\$800.60 \$1,467.96 \$50.00
DOCK 4: \$2,638.86 + bond (\$26.39) =\$2,665.25 15- 3" unistrut clamps change to S/S @ \$80.06 4- 2" loop hangers change to S/S @ \$346.99 1- 2" 2 hole clamp change to S/S @ \$50	\$1,200.90 \$1,387.96 \$50
DOCK 5: \$2,382.95 + bond (\$23.83) =\$2,406.78 7- 3" unistrut clamps change to S/S 7x \$80.06 1- 4" unistrut clamps change to S/S @ \$87.58 5- 2" loop hangers change to S/S @ \$346.99	\$560.42 \$87.58 \$1,734.95
Pine Ave Pier: No corrections noted	
DOCK 6: \$754.81 + bond (\$7.55) = \$762.36 4- 3" unistrut clamps change to S/S @ 80.06 1- 2" loop hanger change to S/S @ \$346.99 1- 4" unistrut clamp change to S/S @ \$87.58	\$320.24 \$346.99 \$87.58

Recommendation for Dock 1 Total Cost for Dock 1: \$116,089.88

Main Run	\$32 725	75 + bond	(\$327.26)	=\$33.053.01
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Replace 30 unistrut brackets with	
assorted uinistrut clamps @ \$811.36	\$24,340.80
3- 2 hole clamp @ \$50	\$150
80- unistrut clamps @ \$80	\$6,400
5- loop hanger rusted out @ \$366.99	\$1.834.95

Finger 1: \$16,698.56 + bond (\$166.99) =\$16,865.55 credit \$20 x 17 for hangers on 3" unistrut -\$340 41 hanger set up with unistrut channel and all brackets and clamps @ \$811.36 \$17,038.56 Finger 2: \$19,289.92 + bond (\$192.90) =\$19,482.82 22- hanger set up with unistrut channel and all brackets and clamps @ \$811.36 \$17,849.92 18- unistrut clamps @ \$80 \$1,440 Finger 3: \$17,655.84 + bond (\$176.56) =\$17,832.40 19- hanger set up with unistrut channel and all brackets and clamps @ \$811.36 \$15,415.84 28- unistrut clamps @ \$80 \$2,240 Finger 4: \$14,970.40 + bond (\$149.70) =\$15,120.10 15- hanger set up with unistrut channel and all brackets and clamps @ \$811.36 \$12,170.40 35- unistrut clamps @ \$80 \$2,800	TOTAL for Docks 1-6 & Pine Ave:	_\$ 128,669.60
-\$340	15- hanger set up with unistrut channel and all brackets and clamps @ \$811.36	
credit \$20 x 17 for hangers on 3" unistrut -\$340 hanger set up with unistrut channel and all brackets and clamps @ \$811.36 Finger 2: \$19,289.92 + bond (\$192.90) =\$19,482.82 22- hanger set up with unistrut channel and all brackets and clamps @ \$811.36 \$17,849.92	19- hanger set up with unistrut channel and all brackets and clamps @ \$811.36	
credit \$20 x 17 for hangers on 3" unistrut -\$340 hanger set up with unistrut channel and	22- hanger set up with unistrut channel and all brackets and clamps @ \$811.36	
	credit \$20 x 17 for hangers on 3" unistrut hanger set up with unistrut channel and	·

\$115,034.24

Additional Days:

Dock 2: 2

Dock 3: 1

Dock 4: 1

Dock 5: 1

Dock 6: 1

Total: 6 days

Dock 1:

Main Run: 9

Finger 1: 8

Finger 2: 7

Finger 3: 6

Finger 4: 5

Total: 35 days

2 Additional days to remove wye from pedestrian walkway

ITEM #5

will need to contact KEKO Pumps in the future because they have no working system as of yet. They are working on one which may or may not become available before this job is complete.

ITEM #6

SUB: John S. Meek	\$17,255.76
Mark up: 1st \$5,000	\$500
Rest of Mark up: \$12,255.76	\$612

Pastusak Labor:

32 hours Foreman @ \$118.72	\$3,799.04
8 hours Journeyman @ \$107.72	\$856.48
8 hours Apprentice @ \$40.92	\$327.36
Total:	\$4,982.88

Material from Pastusak:

4 flanges @ \$58	\$232.00
2- s/s bolt sets @ \$29	\$58.00
2- 4" gaskets @ \$3	\$6.00
2- ss washer sets @ \$8	\$16.00
3'- 4" PVC pipe @ \$3	\$9.00
Total:	\$321.00
1% Bond:	\$236.72

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TOTAL for Item 6:		\$ 23,909.15
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\$23,957.69

ITEM #7

Schedule is for Items 1-23 ONLY. Any other schedule will have to be made after you decided on which, if any, extra items or alternate items you want done.

See attached Spreadsheet PCO #1B for removal of WYE work.

See attached Spreadsheet PCO #1A for Sewer Line Repair work.

- There are a few mathematical errors and some inconsistent dollar amounts. I accounted for all decimals and dollar amounts.

		þ		ñ																		
	/e Removal	ent of existin	LABOR	Removal of WYE	Foreman	Journeyman	Apprentice						-									
	ssment Wy	nd assessme	EXTENDED	-	-	· ••		- -	-	, \$\$, es	- €÷	, 65	, 69	·	, 69		Amount		\$ 232.00	\$ 58.00	909
	ject - Asse	nspection ar	HOURLY															Unit Cost		\$ 58.00	\$ 29.00	
	r EVAC Pro	und during i	HOURS To Be Paid															Unit		Æ	ΕA	LA
	arbor Sewe	al of WYE fo	HOURS In Operation															No. Units		4	2	,
	Rainbow H	ue to remova	HOURS At Jobsite														MATERIAL					
	Long Beach Rainbow Harbor Sewer EVAC Project - Assessment Wye Removal	Additional work d sewer line per col	CAL TRANS EQUIP. CODE																			
1	ANDERSON PENNA	Description of Work: Additional work due to removal of WYE found during inspection and assessment of existing sewer line per contract.	EQUIP NO.															Description	Removal of WYE	Flanges	S/S Bolt Sets	4º Cantrato

3,165.76 713.76 272.80

\$ 98.93 \$ \$ 89.22 \$ \$ 34.10 \$

FOREMAN JOURNEYMAN APPRENTICE

HOURLY EXTENDED
RATE AMOUNTS

DESIGNATION

REG OT HOURS HOURS

CM - APP

Date Performed: T.B.D.

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													or RT	ge RT	NOT.	ge OT							OF LABOR	FOR EQUIPM	TOTAL COST FOR MATERIAL	TOTAL COST FOR SUBCONTRACTOR			44.000	10% MAKK-UF ON SUBCON KACTOKS OF THE FIRST \$5,000.00	5% MARK-UP ON SUBCONTRACTORS WORK IN EXCESS OF \$5,000.00
													Sub-Total Labor RT	Labor Surchar	Sub-Total Labor OT	Labor Surcharge OT	Subsistence						TOTAL COST OF LABOR	TOTAL COST	TOTAL COST	TOTAL COST		ST	. L	OKS OF THE	
	Amount		232.00	58.00	6.00	_	9.00	•	,	,	,			•	-		•	-	٠	Amount	\$ 17,255.76			*	,	,	3OR COST	15% MARK-UP ON EQUIPMENT COST	15% MARK-UP ON MATERIAL COST	BCONTRACT	BCCN XXC
-	Init Cost	1000	\$ 00.89	29.00 \$	3.00	8.00 \$	3.00 \$	69	*	49	₩.	69	*	\$	59	\$	₩.	*			17,255.76	69	€9	64	₩	49	20% MARK-UP ON LABOR COST	K-UP ON EQ	K-UP ON MA	K-UP ON SU	つっとつ よつ・と
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2 Estimated Days Added

X Bill Zein PM, Anderson Penna



October 04, 2017

Pastusak Plumbing Company 1644 W 17th St. Long Beach, CA 90813

Attention:

Paul Pastusak

Phone:

(562) 437-3346

Email:

pastusak@verizon.net

Gentlemen,

We are pleased to submit the following quotation to excavate by hand a 3' wide by 4' long x up to 4' deep for the Rainbow Harbor Sewage Repair Project. This includes the following:

- 1. Gathering tools, materials, temp fencing including graphics mobe-in, set up and remove.
- 2. Remove and reinstall existing pavers. In the process, a few additional pavers may be required in the event some break and/or damaged JSM will not guarantee new pavers will match existing pavers.
- 3. Hand dig existing sand/soil to limits described, properly stock pile and store adjacent to the excavated area inside the fenced area.
- 4. Backfill and compact utilizing existing sand/soil
- 5. Import and fine grade a layer of sand up to 4" to facilitate paver reinstallation.
- 6. Place sand on top of pavers spread with broom to fill joints and compact with plate whacker.

Labor:	
1 Foreman x 40hr=40hr x \$92.41hr	\$3,696.40
2 Journeyman x 32hr=64hr x \$87.66hr	5,610.24
1 Apprentice x 40hr=40hr x 68.07hr	<u>\$2,722.80</u>
Subtotal	\$12,029.44
Markup (20% on Labor)	<u>\$2,405.89</u>
Total Labor	\$14,435.33
Material:	
Pavers	\$100.00
Visqueen	\$125.00
Temp Fencing	\$120.00
Lumber for stock pile box	\$150.00
Fencing Graphics	\$800.00
Sand for pavers	<u>\$175.00</u>
Subtotal	\$1,470.00
Markup (15% on Material)	<u>\$220.50</u>
Total Material	\$1,690.50



Pile Driving • Foundations • Marine • Shoring • HazMat



14732 SO. MAPLE AVENUE GARDENA, CA 90248 TEL: (310) 830-6323 FAX: (310) 835-2163

EMAIL: general@johnsmeek.com

Equipment:

 Work truck x 40hr x \$17.39hr
 \$695.60

 Whackers x 3day x \$95.65
 \$286.95

 Subtotal \$982.55
 \$147.38

 Markup (15% on Equipment) \$1,129.93

Total Amount this item

Verified

\$17,255.76

We exclude all work not expressly included above. Survey, cost of permits, inspections, transporting of excavated soils out of the work area, concrete demolition and removal.

If you have any questions, please call.

Sincerely,

Chad Goodwin Project Manager

Long Beach Rainbow Harb	
SON-PENNA	

7	
Long Beach Rainbow Harbor Sewer EVAC Project - Field Wye Removal	
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Date Performed: T.B.D.

CM - APP

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X Bill Zein PM, Anderson Penna



November 16, 2017

14732 SO. MAPLE AVENUE GARDENA, CA 90248 TEL: (310) 830-6323

FAX: (310) 835-2163

EMAIL: general@johnsmeek.com

Pastusak Plumbing Company 1644 W 17th St. Long Beach, CA 90813

Attention:

Paul Pastusak

Phone:

(562) 437-3346

Email:

pastusak@verizon.net

Gentlemen,

We are pleased to submit the following quotation for additional excavation required due to unforeseen utility conflicts including City of Long Beach requirement to reopen area by end of shift Friday 11-10-17 for the Rainbow Harbor Sewage EVAC Repair Project. This includes the following:

- 1. Additional excavation to facilitate plumber access due to existing utilities conflict.
- 2. Remove and dispose of dirt spoils and place 2 sack slurry in order to accommodate City of Long Beach requirement to reopen work area for holiday weekend.

Labor:	
Additional Excavation	
1 Foreman x 8hr=8hr x \$92.41hr	\$739.28
2 Journeyman x 8hr=16hr x \$87.66hr	\$1,402.56
Dirt Spoil Removal	
1 Foreman x 4hr=4hr x \$92.41hr	\$369.64
2 Journeyman 4hr=8hr x \$87.66hr	\$701.28
1 Operator x 4hr=4hr x \$103.69hr	\$414.76
1 Apprentice x 4hr=4hr x 68.07hr	\$272.28
Install Slurry	
1 Foreman x 4hr= 4hr x \$92.41	\$369.64
3 Journey x 4hr=12hr x \$87.66	\$1,051.92
1 Apprentice 4hr=4hr x \$68.07	<u>\$272.36</u>
Subtotal	\$5,593.72
Markup (20% on Labor)	<u>\$1,118.74</u>
Total Labor	\$6,712.46
Material:	·
Slurry	<u>\$1,000.00</u>
Subtotal	\$1,000.00
Markup (15% on Material)	<u>\$150.00</u>
Total Material	\$1,150.00



Pile Driving

Foundations

Marine

Shoring

HazMaf



Equipment:

Work truck x 8hr x \$17.39hr Flatbed Truck x 4hr x \$52.00hr Boom Truck x 4hr x \$133.56hr

Dirt bin Subtotal

Markup (15% on Equipment)

Total Equipment

Total Amount Credit Amount

Total Amount this item

\$208.00

\$139.12

\$534.24

\$550.00

\$1,431.36

\$214.70 \$1,646.06

\$9,508.52

< \$881.52 > \$8,627.00

We exclude all work not expressly included above. Survey, cost of permits, inspections, concrete demolition and removal.

If you have any questions, please call.

Sincerely,

Chad Goodwin Project Manager \$9,401.43 includes Prime Contractor's

Mark up