

Williams

10,000 ft Pipe
Incidental ex.

21500
10800

10700

850' 600' Rad

0+00	1/2" Mc A+R. Delivered
20+50	2" McCracken A+R Valve
93+50	2" " " "
31+25	2" " " "
48+76 ²⁹ = 0-00	
1+25	2" " " Bi Flat-

Please order + come by local.

SITUATED ON SAN DIEGO AND
LOS ANGELES BOULEVARD.
MOST EQUABLE CLIMATE IN
THE WORLD

HOTEL CABRILLO
LA JOLLA, CAL.

JAMES A. WILSON, PROPRIETOR

NEW, MODERN, WELL FURNISHED AND UP-TO-DATE

PHONE LA JOLLA 114

LA JOLLA, CAL.

GRAND VIEW FROM EACH ROOM
OF OCEAN AND MOUNTAINS

TEMPERATURE TODAY

19

Society of San Diego

1/2" McCracken Air Valve 28°
2" " " 30°

for Portland Ave

wt 43 + 53 # respectively packed.

Fac Tank & Pipe
Dembar

Express 7⁰⁰ hundred approx
Bond 100

Statement of cost of
lowering floated pipe at Depot
grounds Del Mar

Labor - 71.25

35 Burlap Sks @ 15 5.25

10 Cement Sks @ 25 2.50

Blocking material recast
except labor 79.00

A. H. Nelson

THIS AGREEMENT, Made and entered into this 10th day of March, 1920, by and between the PACIFIC TANK & PIPE COMPANY, a Corporation, existing under the laws of the State of California with its principal place of business in the City and County of San Francisco, State of California, hereinafter designated as the "CONTRACTOR" and the SANTA FE LAND IMPROVEMENT COMPANY, a Corporation, existing under the laws of the State of California with its principal place of business in the City and County of Los Angeles, State of California, hereinafter designated as the "OWNER",

WITNESSETH:

That for and in consideration of the covenants and agreements herein contained, made by and between the Contractor and the Owner, the Owner does hereby agree to purchase and the Contractor does hereby agree to sell, deliver and install in place near the town of Del Mar, County of San Diego, State of California, the following material at the prices stipulated in accordance with the specifications and conditions hereinafter mentioned.

1425 ft. 18" - 50'	MACHINE BANDED REDWOOD PIPE PROVIDED WITH WOOD COUPLINGS ...	\$1.67 per foot.
6086 ft. 18" - 100'	ditto	... 1.93 " "
2555 ft. 18" - 150'	ditto	... 2.31 " "
8785 ft. 18" - 200'	ditto	... 2.61 " "
18651 ft.		

TERMS:

The Owner agrees to pay the Contractor Seventy-five percent (75%) of the contract price for all materials delivered and all labor performed during any one month, on the 10th of the following month. The balance namely Twenty Five percent (25%) shall be retained by the Owner until thirty days (30) after the entire installation has been completed and accepted by the Owner's Engineer.

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UNNECESSARY OCCUPATION OF NIGHTS:

No Contractor shall be allowed to dig up or occupy
For the purposes of monthly estimates, the cost of installing the pipe
with material any more of the grade or for any greater length of
shall be considered at seven cents (7¢) per lineal foot for either
size than is absolutely necessary for the completion of his work,
16" or 18" pipe.

DELIVERY:

No Contractor shall disturb any permanent property
The Contractor shall commence shipment of a portion of
the pipe on or before April 15th, and shall make complete shipment of
all of the pipe and complete the entire installation on or before
July 1st, 1920, unless delayed by strikes, fires or floods, inability
to secure cars, delays in transit by Transportation Company or other
causes beyond its control.

GENERAL SPECIFICATIONS.

THE ENGINEER:

The Owner will be represented on said work by his duly
authorized engineer, who shall herein be referred to as the Engineer.

REMOVAL OF DEFECTIVE WORK:

The Contractor must remove and repair at his own ex-
pense any part of the work that has been improperly executed. If
he refuses or neglects to replace such defective work, it may be re-
placed by the Owner at the Contractor's expense.

CHANGE OF PLANS:

When at the discretion of the Owner's Engineer it
may be found necessary and reasonable to change the grade or location
of any construction and the change shall not increase the cost of
labor or material to be furnished in the contract it shall be done
without any attendant extra expense and should the change incur any
extra expense or labor not provided for in the contract, it shall be
paid for on the unit basis used in figuring the Contract and stated
therein.

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UNNECESSARY OCCUPATION OF STREETS:

WARRANTY:
No Contractor shall be allowed to dig up or occupy with material any more of the street, or for any greater length of time than is absolutely necessary for the completion of his work.

MONUMENTS NOT TO BE DISTURBED:

No Contractor shall disturb any permanent property corners, Monuments or Government Bench marks found on the line of improvement until ordered by the Engineer.

PROVISIONS FOR WATER AND OTHER CONNECTIONS:

The Owner reserves the right to construct any sewer or sewers or to lay any water mains or to grant permits to the interested parties to lay gas mains, steam pipes, sewers, etc. across or in the vicinity of work mentioned in said Contract.

ROYALTIES:

The price mentioned in the proposals for all Contracts shall include the payment of all Royalties of any patented materials used in connection with the work.

MATERIALS AND WORKMANSHIP:

All materials and work are to be satisfactory to the Engineer and all work covered by the Contract shall be executed in a substantial and workmanship like manner.

INDEMNITY AND CASUALTY INSURANCE:

Before entering upon the performance of any part of the work herein provided for, the Contractor shall procure, and at all times thereafter during the continuance of any work, must maintain in full force and effect compensation insurance covering his full liability for compensation to any and all persons who may be employed in the performance thereof, in conformity with the provisions of the Workman's Compensation Insurance and Safety Act of the State of California, approved May 26th, 1913.

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GUARANTY:

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The length of pipe shall range from six (6) to twenty (20) feet averaging approximately fourteen (14) feet and individual banded wood couplings shall be provided for each connection. The Contractor guarantees his pipe against defective material or workmanship and when installed, shall withstand the maximum gravity pressures for which it is intended. Any portion of the pipe which proves defective either as to material or workmanship performed shall be repaired or replaced at the pipe company's expense. This guaranty is to cover a period of one year from date of completion of the pipe line.

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DETAIL SPECIFICATIONS

STAVES:

The staves shall be milled from clear, straight grained, thoroughly air dried Redwood lumber, free from knots, shakes, splits, dry rot, sap, punky or decayed wood or any other imperfection that may impair their strength or durability. A small portion of the staves may contain water tight Birdseye. The staves shall be milled to the circular outline of the pipe both inside and outside and the edges milled to radial lines; the finished thickness shall be one and one-quarter (1-1/4) inches. One edge shall have a small triangular groove near its center line and the opposite edge shall have a tongue or bead of same shape but a trifle larger than the groove, making a water tight joint when the pipe is banded.

BANDING:

The pipe shall be banded with a heavily galvanized, round steel wire of proper size, and spacing to safely withstand the maximum gravity pressure for which the pipe is designed. The following table is to be used in banding pipe - all pipe to be banded with #1 wire:

Head in Feet:	50	100	150	200
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Band Spacing in Inches -

18" Pipe: 3 1/2 1-15/16 1-5/16

COUPLINGS: as to be self-supporting. After the pipe has been
 laid, tested and used. The length of pipe shall range from six (6) to
 twenty (20) feet averaging approximately fourteen (14) feet and in-
 dividual banded wood couplings shall be provided for each connect-
 ion, banded to withstand the maximum pressure for which it is in-
 tended and the ends of the couplings dipped in creosote.

COATING:

After manufacturing, the entire outside surface
 of the pipe shall be coated with one of the two following dips, the
 Owner to have the option to specify which dip he prefers and shall
 so notify the Contractor in writing in ample time so that the proper
 coating can be furnished. by the contractor at his expense.

Duck Brand Dip: The pipe shall be dipped in waterproof
 paint furnished by the Waterproof Paint Company of San Francisco,
 and shall be applied as it comes from the original barrel or package
 without any additional mixture.

Pacific Asphalt Coating: The pipe shall be dipped in a
 special preservative asphalt dip applied at a temperature of approxi-
 mately 300° Fahrenheit, and after being dipped, shall be rolled in
 dry, fine sand to facilitate handling.

FREIGHT, HAULING AND DISTRIBUTING:

The Contractor shall pay all freight to Del Mar
 or Sorrento. The Owner shall unload the cars, haul and distribute
 the materials conveniently along the trench or bench where the pipe
 is to be laid, care being taken not to injure the pipe or the coat-
 ing in any way during the hauling and distributing. Should the
 pipe or coating be injured while being unloaded, hauled or distri-
 buted, the owner shall bear the expense of repairing the pipe or
 coating.

TRENCHING AND BACKFILLING:

The owner shall provide the necessary trench to
 install the pipe. This trench shall be not less than 12" wider
 than the outside diameter of the pipe at the bottom and shall have

30 sides such as to be self-supporting. After the pipe has been
 38 laid, tested and accepted, the owner shall backfill the trench.
 38 In the event the pipe shall be laid above the ground, the owner
 38 shall prepare footing for sleepers to true grade and alignment and
 38 provide the necessary saddles or supports for the pipe which shall
 38 be set by the pipe contractor.

PACIFIC TANK & PIPE COMPANY

34 INSTALLATION:

by E. G. Fitcher (signed)
President.

33 The Contractor shall furnish necessary labor and
 38 tools required to properly install the pipe in the trench or on the
 31 surface of the ground and shall test the line with water to be fur-
 30 nished by the owner at his expense. Any leakage that may de-

by H. F. McArthur (signed)

38 velop, shall be caulked by the contractor at his expense. Any
 38 pipe that shall not stand the pressure tests or that cannot be
 38 properly caulked or repaired, shall be replaced at the Contractor's
 38 expense and to the satisfaction of the Owner's duly authorized En-
 38 gineers.

Secy V. J. Bernhard

by H. E. Hodges (signed)

34 VALVES AND FITTINGS:

Vice-President.

38 WITNESSES: The owner shall furnish at his expense, all nec-
 38 essary valves and fittings that are to be placed in the line. The
 38 Contractor shall furnish the necessary labor to install these fitt-
 38 ings.

by W. H. Berger (signed)

34 GENERAL:

38 The Owner shall keep the trench free from water
 38 and obstructions for a distance of at least five hundred feet (500)
 38 ahead of all of the Contractor's laying crews. The Owner shall
 38 also furnish any structures other than pipe, at his expense.

(This contract is executed in triplicate)

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CLASS	SERVICE DESIRED
TELEGRAM	<input checked="" type="checkbox"/>
DAY LETTER	<input type="checkbox"/>
NIGHT MESSAGE	<input type="checkbox"/>
NIGHT LETTER	<input type="checkbox"/>

Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Form 1206

RECEIVER'S NO.
CHECK
CASH OR CHARGE
TIME FILED

Send the following message, subject to the terms on back hereof, which are hereby agreed to

August 12, 1920

Pacific Tank & Pipe Company,
Los Angeles, California.

Proceed at once with manufacture of Ten Thousand feet sixteen inch Redwood Machine Banded pipe for one-hundred foot head City specifications as per your telegram August 12, 1920

Henshaw-Fletcher.

Chg. to Ed Fletcher Co.

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES



CABLE ADDRESS
"TANKAGE"

910-912 TRUST AND SAVINGS BUILDING
LOS ANGELES, CAL.

December 27th,
1920

Mr. T. H. King,
Fletcher Bldg.,
San Diego, Calif.

Dear Sir:

In reply to your letter of the 21st instant, it is our pleasure to quote estimating prices on Continuous Redwood Stave Pipe, banded for the maximum gravity pressures specified, delivered f.o.b. cars Lakeside, and constructed by us into pipe; it being understood that you will unload the cars, sort the staves into even feet lengths, haul and distribute the material conveniently along the trench or bench where the pipe is to be built, furnish the necessary trench or bench, and keep same free from water and obstructions while the pipe is being laid and tested, backfill the trench, furnish all structures other than the pipe; also provide camping accommodations for our men, as follows:

Head Pressure:	34" Pipe Price Per Ft:	36" Pipe Price Per Ft:	38" Pipe Price Per Ft:	30" Pipe Price Per Ft:
300	\$ 5.68	\$6.13	\$ 6.58	\$ 6.99
310	5.84	6.30	6.75	7.19
320	6.00	6.47	6.94	7.40
330	6.16	6.65	7.13	7.60
340	6.32	6.82	7.32	7.81
350	6.48	7.00	7.51	8.01
360	6.64	7.17	7.70	8.22
370	6.80	7.35	7.89	8.42
380	6.96	7.52	8.08	8.63
390	7.12	7.70	8.27	8.83
300	7.29	7.87	8.45	9.03

Weight per ft -				
200' Head	55#	60#	65#	69#
300' Head	70#	76#	82#	88#

Minimum width of bench or trench required	52"	54"	56"	58"
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612
175
437

787
612
175

244
5.00
1.00
1.50
7.50

15 August 1921

For Mr. King

Pacific Tank & Pipe Co.,
218 Market Street,
San Francisco, Calif.

Gentlemen:

Answering yours of the 13th, will say I thank you for the information, and as soon as there is any reasonable chance of our putting in a pipe line from Escondido to the city, you will be notified. An estimate is now being made on a cement pipe on contour.

If Mr. Gerken comes to Los Angeles sometime on other business, I would advise that he drop down to San Diego and see Mr. King and be of assistance in helping Mr. King prepare a final estimate.

Yours very truly,

EF:KLM

				35000
				150
				175000
				35000
				525000
				175000
				542500
				75000
				54
				54
				726

244

Sept. 16, 1921.

Mr. Pitcher, President,
Pacific Tank & Pipe Company,
San Francisco, California.

Dear Sir:

I have delayed sending you the list of pipe of the Escondido - San Diego pipe line in the hope that I would have more definite information to give you than I now possess, however, I would like to have figures for estimating purposes but at this time I am unable to go into the field to get more accurate data. I am, therefore sending you a list of the lengths of pipe under varying heads as nearly as can be estimated at this time. I would like to have the cost on as much of this pipe as you feel you can manufacture for the following sizes; namely, 18", 22", 24", 30" diameters as it is not yet determined which size pipe line will be required.

I am aware, of course, that a good deal of this line will be under higher heads than can be taken care of by woodstave pipe. I am giving you, however, the complete list so you can draw the dividing line for yourself. The tabulation follows:

Static head in feet.	Length of pipe required.
100	14,300
200	6,300
300	3,300
400	12,000
500	18,800
600	19,100
700	25,300
800	28,800
900	4,600
1000	600

Yours very truly,

T. H. King.

Pacific Tank & Pipe Company



SAN FRANCISCO
LOS ANGELES

CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL.

Oct. 31, 1921.

SOLD TO City of San Diego,

San Diego, Calif.

We are not responsible for loss or damage to goods after obtaining shipping receipt from transportation company, and no goods will be taken back or credit given unless our consent is first obtained.

YOUR ORDER NO. _____
OUR ORDER NO. **P-8325**
CAR NO. _____
CAR INITIAL _____
BILL NO. **545** PAGE _____

TERMS **NET** POSITIVELY NO DISCOUNT

SHIPPED TO City of San Diego,
AT San Diego, Calif.
VIA Santa Fe,
DELIVERY f.o.b. Linda Vista, Calif.
FREIGHT Prepay,

QUANTITY	SIZE	DESCRIPTION	PRICE	AMOUNT	TOTAL AMOUNT
2600	Ft. 16"	350' head M.B. Rwd. pipe, dipped & provided with I.B. Wood collars and installed - billed @per ft.	3.167	8234.20	
2600	Ft. 16"	350' head M.B. Rwd. pipe dipped & provided with cast iron collars-Would have been billed @	3.476	9037.60	
					<u>\$803.40</u>
3523	Ft. 16"	400' head M.B.Rwd. pipe dipped & provided with I.B.W.collars & 1-1/4" shell - Installed-Billed	3.577	12601.77	
3523	Ft. 16"	400' head M.B. Rwd. pipe dipped & provided with C.I.Collars & 1 1/2" shell-Installed would have been billed	4.278	15071.39	
					<u>\$2469.62</u>
2948	Ft. 16"	450' head M.B. Rwd. pipe dipped & provided with I.B.W.C. & 1 1/2" shell-Installed - Billed	3.957	11665.24	
2948	Ft. 16"	450' head M.B. Rwd. pipe dipped & provided with C.I.Collars & 1 1/2" shell-Installed - would have been billed	4.379	12909.29	
					<u>\$1244.05</u>
					<u>\$4517.07</u>

MB

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL. November 25-1921.

Col. Ed. Fletcher,
Fletcher Bldg.,
San Diego, Calif.

My dear Colonel:

You wished me to let you know at what price the San Diego bonds could be sold on this market. It is impossible for me to get an exact price without the full data in reference to the bonds, but an offer was made of 95¢ some two or three weeks ago subject to inspection in reference to maturity dates, etc. We, ourselves, would not care to handle the bonds but if we could be of any assistance to you in selling them or if they were bringing a higher market here than in the south, we would be very glad to assist you.

As advised in previous correspondence, we visited your attorney and he offered no objection to the final payment being made to us at the present time on the City line and we are, therefore, expecting your remittance for the amount of last payment in the next few days or in time for us to use on December 1st. If there is going to be any hitch in your arrangements in making this payment so that it will reach us by that date we wish to ask you to wire us at our expense as we are anticipating payment in our arrangements at that time.

Yours very truly,

PACIFIC TANK & PIPE COMPANY.

BY

President.

ECP/GL

Office. December 15, 1921.

Mr. King:

Inclosed find copy of letter from Pacific Tank & Pipe Company. Come back with the letter that Bernhard sold us the valves.

E. F.

BI

E. F. M. BROWN CO.

100 FEDERAL BLDG.

FLETCHER INVESTMENT COMPANY

127A

PACIFIC TANK & PIPE COMPANY

December 12-1921.

Ed Fletcher Company,
Fletcher Bldg.,
San Diego, Calif.

Dear Sirs:

RE: AIR VALVES

We believe that you are mistaken in stating that Mr. Bernhard approved of the old fashioned valves which you have on your San Dieguito line, however, we are writing him on the subject, but this does not change the present situation.

We have information that four of the valves out of six are now not working, therefore, the line is in a dangerous situation providing you wish to take the water out at anytime, in fact, if there should be a break somewhere in this line that would let the water out very suddently, the line might collapse. We shall have to make our position very plain in this matter and, therefore, we do not feel that we can be responsible for the condition of this line without proper air valves.

In reference to surge lines, will state that these surge lines are put in for emergency purposes, that is, where the power is suddently thrown off or some other accident which would cause a large surge of water. They are not supposed to act in place of air valves or to practically be of any use in the ordinary operation of the line as if the power-house is being properly operated there would be no surge on this line whatsoever. Air valves are placed at all high points for the purpose of taking out the air as it accumulates at these high points.

We wish again to emphasize our position in this matter that your line now is in a dangerous condition for the lack of proper air valves, that if any accident happens or any leakage occurs on this line in its present condition we shall consider ourselves not responsible and that we have given you the proper warning. You must have put on

this line immediately -

- 6 - Brooks' Vacuum air valves,
- 6 - Crispin Pressure air valves.

and these should be put on at the earliest possible moment and we had hoped to receive your order for same before this date.

In reference to redwood or concrete bases, it is simply a matter of durability. Redwood would naturally, in coming in contact with the ground, rot out in the course of a few years while concrete is good for all time. Wherever we recommend concrete to come in contact with alkali soil, in place of redwood, it was simply our desire to see you install a very permanent installation.

On receipt of this letter we trust that you will wire us an order for the valves as we consider it of the greatest importance that they be installed at once.

Yours very truly,

PACIFIC TANK & PIPE COMPANY.

BY E. C. PITCHER
President.

ECP/GL

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL.

December 17, 1921.

Col. Ed. Fletcher,
Fletcher Building,
San Diego, California.

My dear Colonel:

We have advices from the Operating Department of San Diego that the Board of Health have ordered the water turned into the city system again and that it is now using same. This being the case we presume that final settlement can be made with us this coming week.

Kindly advise the writer is this can be done.

Yours very truly,

PACIFIC TANK & PIPE COMPANY,

By

President.

ECP/EC

127-A
Dec. 19, 1921.

Colonel Fletcher,

Office.

Dear Sir:

In commenting on the letter of the Pacific Tank & Pipe Company regarding air valves and concrete bases, I will first take up the matter of the concrete bases.

The matter of the support for the line was very thoroughly discussed before the contract was let and it was agreed upon that redwood cradles were all that was required to carry the pipe. The line was laid in this manner and the Pacific Tank & Pipe Company at this late day refused to allow the water to be turned into the pipe until we had constructed concrete cradles, stating that the line would not hold without them, although they had positively stated that the wood cradles were all right at the time the contract was signed.

As a matter of fact, we went to this large expense of putting in the collars simply because we wanted to facilitate getting the water in the line; it was a matter of anchoring the line on the turns which bothered them, and I now believe it was largely because they knew at that time their collars were not fitted as tightly as they should have been, and they put us to the expense of anchoring the line to help offset the loose fit of the collars.

As far as the air valves are concerned, the Pacific Tank & Pipe Company are evidently trying to get out from under. The conditions, as far as air relief on the pipe line from the intake at McFadden reservoir to the City pump, are as near ideal as it is possible to get them.

There is but one high point on the line which could give any serious trouble if not properly equipped. At this point the surge line is constructed,

12/19/21

which gives an absolutely free access to either incoming or outgoing air during the filling or emptying of the line, and also automatically acts as an air relief, as any air which would tend to accumulate at the high point would pass out through this surge line. This is far better than any possible air relief valve. As a matter of fact, there is a pipe at the City pump which is open to the air and through which the air can leave when filling the line and through which the air can enter freely in case of a break.

On the line from the large surge pipe to the McFadden reservoir, there is one point where it is possible--should a break occur in the line and the air valve absolutely fail to operate--where a 17-foot vacuum might occur.

The installation of 4 Crispen air relief valves would perhaps be desirable, but not essential. Where Mr. Pitcher could place 6 valves, I am at a loss to know, as there are but 4 points on the line where adverse grade is encountered. These high points are so slight, and the relief provided at the surge so adequate, that I doubt if there could be anything gained by placing 4 Crispen valves on this line.

There is certainly no point to the claim that the pipe line is in any danger. The fact that one of the large piers the Pacific Tank & Pipe Company erected overturned and caused a sudden break in the pipe line without injury to the rest of the line, is evidence that either the valves which Mr. Pitcher complains of, operated satisfactorily, or were not needed. The break which occurred was very sudden and produced a full opening of the line instantly, so that there was nothing to retard the outrush of the water. In other words, the line was subjected to the worst possible condition without injury.

12/19/21

It is evident that Mr. Pitcher does not understand the engineering problems involved in this line and it is difficult to explain them in a way which I think he would understand.

I should be glad, however, to discuss these points with Mr. Pitcher's engineer, as I believe I could show a trained engineer that the line is not in any danger by reason of lack of valves.

Yours respectfully,

T. H. King.

127-A

Dec. 19, 1921.

Colonel Fletcher,

Office.

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There is but one high point on the line which could give any serious trouble if not properly equipped. At this point the surge line is constructed,

Colonel Fletcher

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12/19/21

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Colonel Fletcher

-3-

12/19/21

It is evident that Mr. Pitcher does not understand the engineering problems involved in this line and it is difficult to explain them in a way which I think he would understand.

I should be glad, however, to discuss these points with Mr. Pitcher's engineer, as I believe I could show a trained engineer that the line is not in any danger by reason of lack of valves.

Yours respectfully,

T. H. King.

127-A
Dec. 19, 1921.

Colonel Fletcher,

Office.

Dear Sir:

In commenting on the letter of the Pacific Tank & Pipe Company regarding air valves and concrete bases, I will first take up the matter of the concrete bases.

The matter of the support for the line was very thoroughly discussed before the contract was let and it was agreed upon that redwood cradles were all that was required to carry the pipe. The line was laid in this manner and the Pacific Tank & Pipe Company at this late day refused to allow the water to be turned into the pipe until we had constructed concrete cradles, stating that the line would not hold without them, although they had positively stated that the wood cradles were all right at the time the contract was signed.

As a matter of fact, we went to this large expense of putting in the collars simply because we wanted to facilitate getting the water in the line; it was a matter of anchoring the line on the turns which bothered them, and I now believe it was largely because they knew at that time their collars were not fitted as tightly as they should have been, and they put us to the expense of anchoring the line to help offset the loose fit of the collars.

As far as the air valves are concerned, the Pacific Tank & Pipe Company are evidently trying to get out from under. The conditions, as far as air relief on the pipe line from the intake at McFadden reservoir to the City pump, are as near ideal as it is possible to get them.

There is but one high point on the line which could give any serious trouble if not properly equipped. At this point the surge line is constructed,

12/19/21

which gives an absolutely free access to either incoming or outgoing air during the filling or emptying of the line, and also automatically acts as an air relief, as any air which would tend to accumulate at the high point would pass out through this surge line. This is far better than any possible air relief valve. As a matter of fact, there is a pipe at the City pump which is open to the air and through which the air can leave when filling the line and through which the air can enter freely in case of a break.

On the line from the large surge pipe to the McFadden reservoir, there is one point where it is possible--should a break occur in the line and the air valve absolutely fail to operate--where a 17-foot vacuum might occur.

The installation of 4 Crispen air relief valves would perhaps be desirable, but not essential. Where Mr. Pitcher could place 6 valves, I am at a loss to know, as there are but 4 points on the line where adverse grade is encountered. These high points are so slight, and the relief provided at the surge so adequate, that I doubt if there could be anything gained by placing 4 Crispen valves on this line.

There is certainly no point to the claim that the pipe line is in any danger. The fact that one of the large pipes the Pacific Tank & Pipe Company erected overturned and caused a sudden break in the pipe line without injury to the rest of the line, is evidence that either the valves which Mr. Pitcher complains of, operated satisfactorily, or were not needed. The break which occurred was very sudden and produced a full opening of the line instantly, so that there was nothing to retard the outrush of the water. In other words, the line was subjected to the worst possible condition without injury.

12/19/21

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Yours respectfully,

T. H. King.

127-A

Dec. 19, 1921.

Colonel Fletcher,
Office.

Dear Sir:

You have asked Mr. Harritt and myself to make a report to you on the expense to which the Pacific Tank & Pipe Company's delay in the completion of their contract put the Henshaw-Fletcher Company.

According to their contract the work should have been completed July 1, 1920. As a matter of fact their contract was not completed until March, 1921. Therefore, all of the overhead on the construction of this pipe line since July 1, 1920, is expense to which the Pacific Tank & Pipe Company put the Henshaw-Fletcher Company. This applies to the overhead which was segregated to the Pacific Tank & Pipe Company's original contract and this tabulated overhead does not apply to work on the reservoir or other items, nor does it apply to the secondary contract which the Pacific Tank & Pipe Company had for pipe to replace the concrete pipe.

You tell me that the Pacific Tank & Pipe Company have brought in a large bill for extras in connection with the replacement of that portion of their line entering La Jolla which failed.

I fail to see any justification for extras in connection with this work. Certainly none were authorized by either Mr. Harritt or myself, or anyone else, so far as I know. As a matter of fact, the Henshaw-Fletcher Company did not have a representative on the ground when the portion of the pipe line that failed was relaid, and therefore we could not have authorized any extras in the field.

The Pacific Tank & Pipe Company entered into a contract to put a pipe line into La Jolla on specifications approved by themselves which were

Colonel Fletcher

-2-

12/19/21

more rigid than their standard specifications, and they guaranteed the pipe to fulfill the duty for which it was intended. Since this pipe failed to perform this duty, it is certainly up to the Pacific Tank & Pipe Company to lay a pipe which will perform the work required without any extra charges whatever.

Yours respectfully,

T. H. King.

127-A

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Office.

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Colonel Fletcher

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12/19/21

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Yours respectfully,

T. H. King.

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

4820 SANTA FE AVENUE
LOS ANGELES, CAL.
PHONE 291122

December 23rd,
1921

Colonel Ed. Fletcher,
Fletcher Bldg.,
San Diego, Calif.

Dear Sir:

Complying with request made by you to our San Francisco Office, we are inclosing herewith statement of your account, as it appears on the ledger of the Los Angeles branch.

Yours very truly,

PACIFIC TANK & PIPE COMPANY,
by *J. J. Bernhardt*
Manager.

VJB/W.

280-8

STATEMENT

Pacific Tank & Pipe Company

4820 Santa Fe Ave. Los Angeles, Calif.
310 MARKET STREET SAN FRANCISCO, CAL.



December 23rd, 1921.

M Fletcher & Henshaw,
Fletcher Bldg.,
San Diego, Calif.

INTEREST WILL BE CHARGED AT ONE PER CENT PER MONTH ON ALL BILLS NOT PAID WHEN DUE.

1920	To Balance as per Statement rend.				
Aug. 9	To Mdse. as per Bill rend.	37	941.93		
" 9			715.50		
" 31			69.00		
" 31		8	019.00		
" 31		32	360.33		
" 31			732.40		
Sept. 30			115.40		
" 30			138.56		
" 30			148.00		
" 30			453.60		
" 30		12	572.50		
Oct. 30		2	113.31		
Dec. 31			196.92		
" 31			28.80		
				95,608.85	
CREDITS					
1920					
Aug. 25	By Cash	27	123.87		
" "	" Freight	1	869.20		
Oct. 1	" Cash	23	193.04		
" "	" Freight	1	626.51		
Nov. 8	" Cash	14	814.11		
" 8	" Freight	1	219.01		
" 22	" Credit Memo.		138.56		
Dec. 13	" Cash	1	510.20		
" 13	" Freight		77.03		
1918	" Bonds sent to S.F.	17	000.00	88,571.53	
				7,038.72	

STATEMENT

Pacific Tank & Pipe Company

310 MARKET STREET
LOS ANGELES OFFICE AND FACTORY
4820 SANTA FE AVE.



SAN FRANCISCO, CAL.

Dec 23-1921

M Fletcher & Henshaw
Fletcher Bldg., San Diego Calif

INTEREST WILL BE CHARGED AT ONE PER CENT PER MONTH ON ALL BILLS NOT PAID WHEN DUE.

1920	To Balance as per Statement rend.				
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Sept 30			115.40		
" "			138.56		
" "			148.00		
" "			453.60		
" "			12572.50		
Oct 30			2116.31		
Dec 31			196.92		
" "			2880.9560825		
Credits					
1920					
Aug 25	By Cash	27	123.87		
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Dec 13	" Cash	1	510.20		
" "	" Freight		77.03		
" 19	" Bonds sent to S.F. office	17	000.00	88,571.53	
				7,038.72	
				2880	
				700792	

OK
This item of 2880 was made ordered by the City and the Pipe Co and not to be paid for payment.
TKK

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

CLASS OF SERVICE	SYMBOL
Telegram	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a telegram. Otherwise its character is indicated by the symbol appearing after the check.

RECEIVED AT 936 5th ST., SAN DIEGO, CALIF. ALWAYS OPEN.

1922 JAN 7 PM 3 54

493GS 9.

MD SAN FRANCISCO CALIF 334P 7

COL ED FLETCHER

331

FLETCHER BLDG SANDIEGO CALIF

CAN I SEE YOU MONDAY MORNINE IN SANDIEGO ANSWER

E C IITCHER.

January
Ninth
1922

Mr. E. C. Patcher, Mngr.,
Pacific Tank & Pipe Co.,
San Francisco, Calif.

My dear Mr. Patcher:

On my return to San Diego today, I find your telegram of the 7th. I will be in San Diego all day today and probably tomorrow, but I have not yet received the opinion from my attorney, and will not make any attempt to settle our account until I find out just where we are at.

I have written Mr. Clotfelter again today asking for an early report.

Yours sincerely,

EF:KIM

Form Tel 6
FEDERAL TELEGRAPH COMPANY
TELEGRAM



R. P. SCHWERIN, Pres.

Cheaper Rates ----- Faster Service

The Federal Telegraph Company transmits and delivers this message subject to the terms and conditions accepted by sender

Received at 961 First St. Spreckels Bldg.

CO H 10

LOSANGELES CALIF JAN 10-22

COL ED FLETCHER

FLETCHER BLDG SANDIEGO CALIF

CAN I SEE YOU TOMORROW IN SANDIEGO ANSWER LOSANGELES OFFICE

E C PITCHER

9 56 AM

Mr. E.C. Pitcher

*Can see you here tomorrow morning 9 o'clock.
 E. J. Fletcher*

GIVE THE "FEDERAL" THE ANSWER

January 11, 1922

Mr. E. C. Pitcher, Pres.,
 Pacific Tank & Pipe Co.,
 San Francisco, Calif.

My dear Mr. Pitcher:

At your request you are authorized to furnish six (6) Brooks valves to replace the 6 old type valves, and also to furnish six (6) Crispin 165 lb. pressure valves, on the pipe line between McFadden Reservoir and the city limits, as I understand these are the valves you recommend replacing.

We will pay for the valves, but the understanding is that the San Dieguito Mutual Water Company put in the present valves with the approval of the Pacific Tank & Pipe Company, thru their representative, Mr. Bernhardt, and while we are not holding the Pacific Tank & Pipe Company responsible financially, we want it distinctly understood that the original valves that were put in were with the approval of the Pacific Tank & Pipe Company at the time they were installed.

Yours very truly,

EF:KLM

CLASS OF SERVICE DESIRED	
Telegram	
Day Letter	
Night Message	
Night Letter	

Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM

WESTERN UNION

TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Form 1206

Receiver's No.
Check
Time Filed

Send the following message, subject to the terms on back hereof, which are hereby agreed to

San Diego, Calif
 Jan 10, 1922

Mr. E. C. Pitcher,
 Pacific Tank & Pipe Co.,
 Los Angeles, Calif.

Will see you nine o'clock tomorrow morning in San Diego

ED FLETCHER

Chg Fletcher Co

January
Eleven
1922

Mr. E. C. Pitcher, Pres.,
Pacific Tank & Pipe Co.,
San Francisco.

My dear Mr. Pitcher:

We cannot find any record whatever of any letter from you on the subject of concrete foundations. Will you please look it up and send me a copy. This will be appreciated.

Yours sincerely,

EF:KLM

San Diego, Calif.
January 11, 1922

Col. Ed Fletcher, Pres.,
San Dieguito Mutual Water Co.,
San Diego, California.

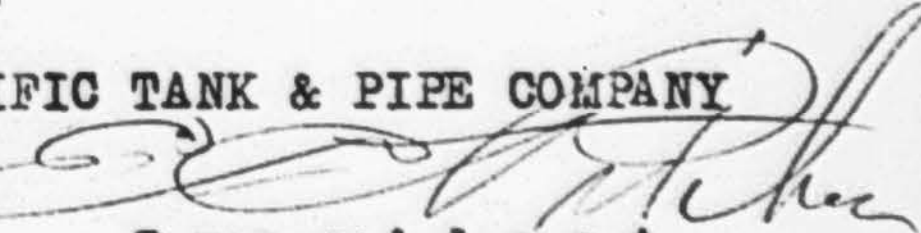
My dear Mr. Fletcher:

I want to call your attention to the fact that the San Dieguito Mutual Water Company's pipe line between McFadden Reservoir and the city line needs up to date air valves. There is a controversy as to whether or not the proper air valves were put in in the first place. The fact remains, in our opinion, those that are in at the present time are not working properly and should be changed immediately, for your own good, otherwise there will be continual maintenance expense.

The City of San Diego has lately given me an additional order replacing all of the old valves between Del Mar and La Jolla.

Yours truly,

PACIFIC TANK & PIPE COMPANY

By 
President

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

4820 SANTA FE AVENUE
LOS ANGELES, CAL.
PHONE 291122

January 12th,
19 22.

Colonel Ed Fletcher,
Fletcher Bldg.,
San Diego, Calif.

My dear Colonel:

As per conversation when in your office, we herewith inclose bill covering actual cost of labor and expense of our men, plus liability insurance, on account of repairing the pipe line over Serranto Flats, which we trust you will find in order.

As this is actual money paid out, we will thank you to pass same for payment as soon as convenient.

Yours very truly,

PACIFIC TANK & PIPE COMPANY,

by 

President.

ECP/W.
Inc.

P. S. Will mail the letter to the Mayor and Board from San Francisco. We will send it direct to you, and if same meets with your approval, you can send it direct to them.

P. T. & P. Co.

PACIFIC TANK & PIPE COMPANY
4820 Santa Fe Avenue
Los Angeles, Calif

January 12th
19 22

To the Honorable Mayor & Common Council
of the City of San Diego,
San Diego, California.

Gentlemen:

We have now completed our contract on the Del Mar and La Jolla pipe lines, bringing water from the Hodges Dam to your city.

This line is now in successful operation.

This contract was taken on certain specifications, all of which are contained in the contract, but after installation it was found that about two miles of this line, through the La Jolla flats, was not operating in a satisfactory manner, due, we think, to certain conditions; such as static head pressure and soil conditions, which were not considered in the original contract, and which did not develop until after the line was put into actual operation.

We had spent over \$10,000.00 in the maintenance of this line before we came to the conclusion that this section of the high pressure pipe would never be permanently satisfactory and would give trouble in the future, even if made tight at that time.

During this time of maintenance, however, the pipe line was delivering water to your city.

At last we decided to replace the line with pipe manufactured of heavier specifications, and your City Manager requested us also to replace the pipe. Therefore, we took out about two miles of this pipe and replaced it with pipe manufactured of lumber 1/2" heavier, heavier wire specifications, and cast iron collars instead of wood collars.

This new section has now been in operation for several months and is proving very satisfactory.

The inclosed bill for extra material represents the difference in cost between cast iron collars and wood collars, and also covers the extra thickness of lumber and extra amount of wire used on the new installation; our Company having absorbed the total cost of taking out the pipe and putting in heavier pipe. In other words, the amount of this bill would have been added to our

original contract.

The city, therefore, in allowing this bill for extra material would not be paying any more money than they would have done if the original specifications included the cast iron collars and heavy installation of this particular section of two miles at La Jolla.

In using the cast iron collars, greater thickness of lumber and extra amount of wire, we have increased, of course the life of this pipe, and the City will get value received for the money expended if this bill is allowed as an extra to our contract, and we are now asking that you consider and approve for payment this bill as such an extra to our contract.

Yours very truly,

E. C. PITCHER

President

PACIFIC TANK & PIPE COMPANY.

ECP/W.
INC

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL. January 13-1922.

Colonel Ed. Fletcher,
Fletcher Bldg.,
San Diego, Calif.

My dear Colonel:

We were very sorry to have missed you yesterday but our telephone was out of order several times and suppose this was the reason you were unable to reach us.

We are sending you enclosed a letter addressed as per suggestion of Mr. Rhodes which we would be pleased to have you look over and if same meets with your approval, either deliver this letter to Mr. Rhodes or put it through the mail. You will note that we are leaving the envelope blank as we do not know exactly who to send it to. If you conclude to put it through the mail please direct it to Mr. Rhodes' office or the proper person.

If there are any corrections that you wish to make in this letter, do so and return the letter to us.

Yours very truly,

PACIFIC TANK & PIPE COMPANY.

BY

President.

ECP/GL
Enc.

January
Fourteenth
1922

Mr. E. C. Pitcher, Pres.,
Pacific Tank & Pipe Co.,
San Francisco, Calif.

My dear Mr. Pitcher:

The day I was in Los Angeles I got a message that the city had filed a suit against us, copy of which is hereto attached. I rushed home immediately on the 3 o'clock train.

I spent nearly half hour trying to get you by phone, but your phone would not work, they said the number had been changed. I suppose you got my telegram.

Send me a copy of the letter you wrote to the city. It seems my troubles here have just commenced.

Yours truly,

EF:KLM

January
Sixteenth
1922

Pacific Tank & Pipe Co.,
318 Market St.,
San Francisco, Calif.

Gentlemen:

Answering yours of Jan. 13th, will say I received your original letter to the City of San Diego and have mailed it to them, together with the statement amounting to \$4517.07.

I will be glad to do all I can to help you collect this money, for you certainly have made a bad loss even if you collect this money from the city.

Yours sincerely,

EF:KLM

CARBON COPY
For Mr. Fletcher
E. O. FAULKNER

Los Angeles, Jan. 21, 1922.

523-17

Mr. E. C. Pitcher,
President,
Pacific Tank & Pipe Co.,
910 Trust & Savings Bldg.,
Los Angeles, Cal.

Dear Sir:

Colonel Fletcher tells me that your representative offered to stand the cost of installing 50 feet of 18" cast iron pipe to replace the redwood pipe crossing the State Highway near Del Mar, which was installed something over a year ago by your Company under contract with us.

I attach copy of a letter given Colonel Fletcher by your Mr. Grey as evidence of this; I note however it says you would pay the cost of repaving, providing you had the privilege of doing the work yourself and furnishing the material for the same, but we have received a bill from the State Highway Commission for \$76.68 on account of labor and material furnished for this replacement; it seems therefore, that your people did not do the work, possibly under an arrangement with the Highway authorities, or if not for some other reason, perhaps because the Highway people had the facilities at hand and could therefore do it cheaper; in any case this bill has to be met and as it will presumably cost you as much doing the work yourself I shall be glad if you will please send me a voucher covering the same, that I can transmit to the Highway Commission in settlement of the account, and much oblige.

Yours truly,

F-B

cc-Col. Fletcher.

(Sgd.) E. O. FAULKNER
Secretary-Treasurer.

San Diego, California,
February 7, 1922

Mr. Ed Fletcher,
San Diego, Calif.

My dear Mr. Fletcher:

I am instructed by the Pacific Tank & Pipe Company to inform you that the bill of \$76.68 in the matter of repairing the highway at Del Mar is an obligation that the Pacific Tank & Pipe Company agrees to pay, and you are authorized to pay this bill and deduct it from any moneys due the Pacific Tank & Pipe Company.

Yours truly,

PACIFIC TANK & PIPE COMPANY

By G. S. GREY

Miss Fletcher has original

February 14, 1922.

Pacific Tank & Pipe Company, Attention Mr. E. C. Pitcher.
318 Market Street,
San Francisco, Calif.

Gentlemen:

Answering yours of February 18th, will say Mr. Rhodes has promised me an acceptance this week as soon as they turn on the water on Thursday, and as soon as I get that letter from him, I shall immediately take up the matter of an adjustment of our accounts.

The water is to be turned back into the pipeline again on Thursday, and I have been informed that one of your representatives from Los Angeles has been asked to be there and see that everything is o.k. before the City takes over the maintenance of the pipeline.

I assure you I have done everything I could to expedite this matter.

Yours very truly,

EF:AH

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

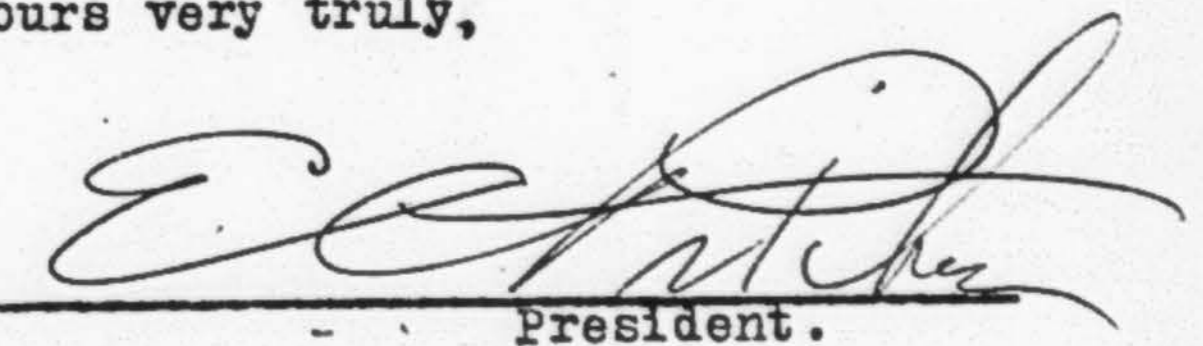
318 MARKET STREET
SAN FRANCISCO, CAL. February 16-1922.

Col. Ed. Fletcher,
San Diego, Calif.

My dear Colonel:

Answering yours of February 14th, the writer expects to be in San Diego the early part of next week, and trust that you will be in position to settle the final payment with us at that time.

Yours very truly,



President.

PACIFIC TANK & PIPE COMPANY.

ECP/GL

FEDERAL TELEGRAPH COMPANY

R. P. SCHWANN, Pres.

RADIOGRAM

THE FEDERAL TELEGRAPH COMPANY transmits and delivers this message subject to the terms and conditions printed on the back of this blank.



RECEIVER'S NO.	TIME FILED	CHECK	INDICATE BY	X	RATE DESIRED

Date Filed Feb. 23, 1922 192

Send the following message, subject to the terms and conditions printed on the back hereof, which are hereby agreed to.

Mr. E. C. Pitcher
Pacific Tank & Pipe Co.,
San Francisco, Calif.

Received acceptance from city today. City will pay last flood bill immediately. Mailing you tomorrow statement and check

ED FLETCHER

Chg Fletcher Co

February
Twenty-three
1922

Mr. E. C. Pitcher, Pres.,
Pacific Tank & Pipe Co.,
San Francisco, Calif.

My dear Mr. Pitcher:

I have wired you as follows today:

"Received acceptance from city today. City will pay last flood bill immediately. Mailing you tomorrow statement and check

ED FLETCHER "

I have just secured city's letter agreeing to maintain pipe line. Rhodes has agreed to pay your bill of \$1089.16, and we have changed the bills to read "City of San Diego".

As you are aware, our understanding was that the city was to pay one-half of the total cost of this flood expense and I was to pay the other half. You will probably get that check this coming week.

I will make out a statement and send you check tomorrow without fail.

Yours very truly,

EF:KLM

cc- Los Angeles

Miss Fletcher has original carbon in paper with contract

February
Twenty-four
1922

Pacific Tank & Pipe Co.,
318 Market Street,
San Francisco, Calif.

Attention Mr. Pitcher, Pres.

Gentlemen:

Confirming my telegram of yesterday, I submit the following suggested settlement for your consideration.

Your statement calls for \$7007.92. Your contract called for the completion of the work July 1st, 1920. As a matter of fact, in my opinion the contract was not completed until October, 1921, when you installed the new pipe, and legally you could be forced to maintain the pipe until October, 1922, but I have persuaded the city manager to agree to maintain the pipe from February 1st, 1922, and believe that I have rendered you a service.

I should have insisted upon an official acceptance by the city council, and may be taking some chance, but realizing the extent of your loss, and believing that there will be no further trouble with the city, I am making a final settlement with you today.

As near as I can make out, our overhead loss on account of your failure to complete your contract on July 1st, 1920, is approximately \$1400. This refers particularly to maintaining the trenches for several months after they were dug extra work on account of your delay in laying the pipe, engineering, additional cost of foremen, etc.

In addition to the above, our loss of interest on account of delay in completion of the contract, which the city refused to pay, was \$414.34.

In June, 1921, owing to the leaky pipe line, we lost the sale of water for five days, or \$500.00.
In July, 1921, 1½ days 150.00
In September, 1921, 22 days 2200.00
In October, 1921, 12 days 1200.00
The city of San Diego refused to pay this amount, and it was deducted from their bills, and can never be recovered.

The above itemized losses total the sum of \$5864.34, and it does not include a number of other

Page Two/

losses that in a compromised settlement we are willing to forego, but if there is any litigation over this account, we reserve the right to present our claim.

You entered into a contract to put in this pipe line on specifications approved by yourselves, which were more rigid than your standard specifications, and you guaranteed the pipe to fulfill the duty for which it was intended. Since this pipe failed to perform its duty it was certainly up to you to lay a pipe which would perform the work required. You did it, and fulfilled your contract. This I very much appreciate, altho it was wholly up to you to do it.

Under all the circumstances, and as a compromise, I am willing to make the following settlement:

Cut the above claim for damages in two, i.e. \$5864.34, forego the rest of our claim and accept a credit of \$2932.17, and enclose you herewith a check for \$4075.75 in full of account.

I call your attention to your charge of \$28.80 against us dated December 31, 1920. This item of \$28.80 was work ordered by the City of San Diego and you must look to them for payment. We notified you of this sometime ago.

I regret this unfortunate matter, but feel that I have met you half way, and as much as you could expect under all the circumstances. I was glad to be of service yesterday in the matter of getting your bill for \$1089.16 assumed by the City of San Diego, and you will undoubtedly get a check from them in a few days. I will be glad to be of any assistance I can in helping you collect the other \$4,000 or \$5,000 from the city for extras which you have billed to the city. If they will not pay the money at the present time, but will approve it as a cost of the pipe line and will eventually pay that amount, then I will be glad to assist you in collecting it in that manner. If you will let me know I will be glad to make arrangements whereby we can meet the city manager, and you and I can meet the city council and discuss the matter in detail.

Yours sincerely,

HENSHAW & FLETCHER

By ED FLETCHER

EF:KLM

March Seventh 1922

Pacific Tank & Pipe Co.,
318 Market St.,
San Francisco.

Attention Mr. Pitcher

My dear Mr. Pitcher:

The city council yesterday, by ordinance, appropriated \$1089.00 to pay your flood damage. Enclosed find clipping that is explanatory.

I am sorry that Mr. Rhodes has put this matter up to the city attorney as to the legal aspect until there could be a conference between us.

As soon as you get your money, ie: \$1089.00 my suggestion is that you let me know when you are coming down and we will arrange for a conference with the city council to see whether we cannot get them to include it as part of the cost of the pipe line. I will be glad to help in any way I can to have the city recognize your claim in some way so you can be compensated.

Yours sincerely,

EF:KLM

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL. March 10-1922.

Colonel Ed. Fletcher,
San Diego, Calif.

My dear Colonel:

We acknowledge receipt of your letter in reference to payment from the City of San Diego, and very sorry to note that the City has turned down our bill of extras, but did not understand that this matter was going to come before the Councilmen until the writer had a chance to present our side of the case. We are very sorry indeed to learn that this action has been taken.

I will try to arrange a trip south in a few days to take this matter up again, therefore, we hope the situation is left sufficiently open for re-consideration. It is hard for me to get away during the next week unless it is absolutely imperative, but if you and Mr. Rhodes thought it necessary to come at once, please advise, otherwise, I will try to get down within the next week or ten days.

Yours very truly,

President.

PACIFIC TANK & PIPE COMPANY

ECP/GL

March 14, 1922.

Pacific Tank & Pipe Co., Attention Mr. Pitcher.
518 Market Street,
San Francisco, Calif.

Gentlemen:

Answering yours of March 10th, will say I was very sorry indeed that Rhodes took action as he did, putting the matter up to the City Council before we had had a conference. It is absolutely useless to see the City Council now in the matter of getting back your four thousand or more dollars for extras, but I will see Mr. Rhodes, and the next time you are in Los Angeles you had better telephone down and arrange a conference with the City Council and Mr. Rhodes, and see if you cannot get it added to the cost of the pipeline. There is a situation here which has developed which would make it worse for you to have me in conference with the City Council and Mr. Rhodes, and it is better for you to have your conference alone with them.

Rhodes has been sick at home with the "flu", but my suggestion is that you telephone him the next time you are in Los Angeles and ask him to arrange for a conference with the City Council, and ask the City Council at that time to let this be included as a part of the cost of the pipeline, and I will give you a letter to the effect that it is satisfactory to me to make this arrangement. But if I should go there pleading in your behalf the City Council would think that they are pulling chestnuts out of the fire for me, and it would be to your disadvantage.

I hope by this time you have received a check for the emergency expense.

Yours very truly,

EF:AH

March 27, 1922.

Mr. E. C. Pitcher,
Pacific Tank & Pipe Co.,
San Francisco, Calif.

My dear Mr. Pitcher:

Inclosed find clipping that is explanatory.

I feel very sure the council will find a way to pay this bill.

Yours very truly,

EF:AH

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL. March 29-1922.

Col. Ed. Fletcher,
San Diego, Calif.

Dear Mr. Fletcher:

We acknowledge receipt of yours of March 27th, enclosing clipping, with the statement that our bill for repairs amounting to \$1089.00 has been turned down and refused payment by the City of San Diego.

Considering the manner we handled the repairs, Mr. Grey being on the ground within four or five hours after the first call and having worked nights, Sundays and over-time to get the water running at the earliest possible moment, also having done the work entirely at cost, taking Mr. Grey off from other very important work, we think it is very shabby treatment on the part of the City or District Attorney to turn our bill down.

Of course, we shall have to collect this bill in some manner and if the City finally refuses to pay, we would have to call on the Henshaw-Fletcher Company to re-imburse us. We trust that you will confer with Mr. Rhodes and advise the writer that this bill has been passed for payment at an early date, either by yourself or the City.

Yours very truly,

President.

PACIFIC TANK & PIPE COMPANY.

ECP/GL

March 31, 1922.

Mr. E. C. Pitcher,
Pacific Tank & Pipe Co.,
318 Market Street,
San Francisco, Calif.

My dear Mr. Pitcher:

Answering yours of the 29th, will say I rang up Mr. Rhodes today, and he told me over the phone that if you would send immediately three bills, each of them less than \$500, making a total of \$1089, making them separate dates, and just in a general way describe the work, that they would be o.k.'d and paid; that this arrangement had been made with the City Council and to overcome the city attorney's legal objection.

So make out three separate bills, totalling \$1089 for the three, none of them being over \$500, and they will be immediately paid. My suggestion is that you date the bills a week apart, describing the work, and please attend to this immediately so that we can put it through and you can get your money.

There is a report around that Mr. Rhodes will not be their long. I don't know how true it is, but you should make out these bills and send them by return mail and get them down to Mr. F. A. Rhodes.

There is a clause in our charter that no indebtedness can be incurred in excess of \$500 without advertising for bids. You cannot say that this is shabby treatment on the part of the city attorney for he is wholly within the law by this other way, accomplishing the purpose, and you get your money.

Yours very truly,

EF:AH

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL.

April 1-1922.

Col. Ed. Fletcher,
San Diego, Cal.

Dear Sir:

We acknowledge receipt of yours of March 31st, in reference to rendering three bills to the City, which will be done immediately. However, as this matter is on our Los Angeles books we shall have to write for copies of bill, which we have already done.

Thanking you, we are

Yours very truly,

PACIFIC TANK & PIPE COMPANY.

BY

President.

ECP/GL

280-8
Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL.

April 1-1922.

Henshaw-Fletcher Company,
San Diego, Calif.

Attention Mr. Fletcher

Dear Sirs:

Your letter of February 24th, was partially answered in person as a copy of this letter was received while the writer was in San Diego. However, at that time, we were considerably surprised at the contents and did not have the data to properly reply anymore than to state in general terms that such a suggested settlement would not be satisfactory to us.

In the meantime, we have looked up our records and from these records which clearly demonstrate the delay which we were subjected to in waiting for water, it seems to the writer that instead of there being a claim for damages for over-head, etc. on your part, it should be on our part, in holding our organization waiting for water to test out our pipe. You can understand that it is practically impossible to lay a good pipe line without having water soon after the line is laid, and we always insist in all of our contracts that the owner furnish water at the time of completion., and if we find that water cannot be furnished, we then are compelled to slow up or stop entirely, as it is only an extra expense that runs into high figures maintaining men to take care of the line waiting for water.

We finished the high pressure 16" line on the Biological Flats, September 10, 1920. We finished laying the 10700 feet of 16" pipe from top of the Biological grade toward the reservoir, October 20, 1920. We finished the 18" pump line November 20, 1920. The pump was put in operation December 6, 1920, and the reservoir filled. The reservoir broke out December 13, 1920. The concrete line failed about December 26, or day before, as soon as a temporary line was run around the reservoir in order to get water into the wood line.

The concrete line was repaired about January 25th, 1920. Our men practically had nothing to do but wait for the concrete line to be repaired. The reservoir partially was repaired and re-filled about April 1st, 1921.

You can figure out from these dates the amount of time which we lost in waiting to get water, in fact, it would have been much better for us to have stopped operations entirely until it was ascertained that water could be had before filling our pipe line as it made us a great deal more extra work in caulking and putting the line in shape on account of there being dry so long.

You will remember that we started this line sometime in May, 1920 and, therefore, kept our organization for many months waiting from that time until April 1-1921 when the reservoir was repaired and finally put in operation so that we could get a fair test on our line. During the time that the temporary line ran around the reservoir which was only a makeshift to keep the City supplied with water, we had to maintain a large crew of men practically doing nothing except watching and taking care of the line as it was of such a varying pressure that no satisfactory test could be made.

It would seem that if anyone was to be compensated for failure to complete contract it would be ourselves rather than yourselves. The item, therefore, of \$1400.00 is all out of reason and we could not think of allowing any portion of same.

There is nothing in our contract that would indicate in anyway that we were morally or legally obligated to pay you for loss of water anymore than we can demand of you compensation for the lack of water to test our pipe line, and in reference to this matter the main portion of this time which you claim you were not compensated for water being 22 days in September, was the time when we put in the new pipe. This was done during the time that the City shut down their water system for the purpose of re-placing a section of wood pipe with cast iron pipe at the upper end of the La Jolla grade where the City expected to pave the streets. This part of our wood line was in good condition and would not have been replaced by us, in fact, we were not asked by the City, but the City took it on their own initiative to shut off the water, and replace it with cast iron pipe, and they could not have received your water even if you were in position to furnish same, therefore, they had

no right to deduct any amount from your rental while they were replacing the cast iron pipe.

We finished our job of installing the new pipe by the time that they had their cast iron pipe ready to put the water through, in fact, I think we were a little ahead of them.

The twelve days that you mention in October, were the days that the water was shut off on account of the Health Department declaring the water impure. We finished our line about October 2d, and had water in the line October 3d. You surely do not hold us responsible for the Health Department not allowing the water to be used on account of impurities disclosed by analysis from the upper reservoir.

Furthermore, there is another good and valid reason why no charges should be made against us on account of any failure of pipe line. This shows conclusively we should be compensated for the extra heavy pipe and cast iron collars that we finally furnished. Your contract calls for furnishing pipe sustaining 400 feet head. The actual pressure on the high pressure pipe was 420 feet head which by our contract we did not agree to guarantee.

Furthermore, the City Engineer of San Diego and their superintendent installed a pump to supply water to our line when by all of the plans and specifications a gravity line was contracted for. By the use of this pump a known pressure of 225 pounds was put on the line and as the gauge would not record above this point we have no knowledge of the exact pressure beyond that, that the line was subjected to, but in all probability it ran at least 250 pounds which would be about 600 ft. head, and the line, therefore, forced to such an extent that it finally had to be replaced.

We should be the parties asking for damages from the City for running up this pressure on our line without authority from us, in fact, the pump line was put on without our consent or knowledge. We ordered same discontinued immediately on finding what was being done but the damage had been done before our superintendent arrived on the job. This action on the part of the City has cost our firm thousands of dollars and it seems a very ridiculous idea now to hold any portion of our payment considering that we have put in for them a line such as should have been originally specified.

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL. August 21-1922.

Col. Ed. Fletcher,
920 Eighth St.,
San Diego, Calif.

Dear Sir:

We acknowledge receipt of your clipping in reference to the La Holla pipe line and have advised Mr. Rhodes several months ago that he should put in reducing valves and take off this excess pressure which as you probably know is not necessary for the line and is even higher than our original contract called for and probably your contract also, although we have never seen your contract.

A reducing valve does not cost so very much money but Mr. Rhodes says he cannot raise the money to pay for it. With this reducing valve he would get just as much water as he is getting now at the same time taking off the excess pressure of the line when he is not using same. It was never contemplated in the first place to carry this excess pressure on the line especially when the line was delivering water full capacity to the City. A little money spent now might save a large expense later.

Or course, there is no truth in the report that this wood is decaying which is not the case. It is simply a matter of seepage on the line due to the excess pressure, carried continuously.

Yours very truly,

President.

PACIFIC TANK & PIPE COMPANY.

cc - Rhodes.

ECP/GI

280-8

August 23, 1922.

Pacific Tank & Pipe Company,
318 Market Street,
San Francisco, Calif.

Attention Mr. E. C. Pitcher.

Gentlemen:

Answering yours of the 21st, will say every three or four days there are bad notices in the paper regarding this pipeline, and there were thirty-six leaks on the line yesterday. Please let me know what this valve will cost, and I will see if I can't get the City Council to buy it.

I was not aware that the pressure is higher than your contract called for. As a matter of fact, you saw the profile before any contract was let. This is an engineering problem that I cannot solve.

I hope to see you in San Francisco in a few days.

Yours very truly,

EF:AH

280-8

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL.

August 25th, 1922.

Mr. E. Fletcher,
920 - 8th Street.,
San Diego, California.

Dear Sir:

At the request of Mr. Pitcher we desire to advise the cost of altitude valves and appurtenances for the 16" pipe line at San Diego.

If the installation is put in with a 16" pipe pass the approximate cost of the altitude valve, the 3 - 16" gate valves, the necessary wyes, elbows, and pipe installed in place including the trenching, etc. would be approximately \$2800.00.

If the installation was made with an 8" pipe pass and a 16" altitude valve, 2 - 16" gate valves, 1 - 8" gate valve, and the necessary wyes, elbows and 8" pipe then the cost would be \$2600.00 including the labor of installation, trenching, etc.

The 16" altitude valve alone has been quoted the City of San Diego at \$1400.00 F.O.B. cars San Diego.

Trusting that this is the information that you desire, we are

Very truly yours,

PACIFIC TANK & PIPE CO.

BY

E. P. Gallagher
Engineer.

GAG..MOK..

280-8

Pacific Tank & Pipe Company

SAN FRANCISCO
LOS ANGELES
NEW YORK



CABLE ADDRESS
"TANKAGE"

318 MARKET STREET
SAN FRANCISCO, CAL.

August 26-1922.

Col. Ed. Fletcher,
San Diego, Calif.

My dear Colonel:

Our Mr. Gallagher wrote you yesterday giving estimate on the total cost of installation and putting in a ~~altitude~~ or reducing valve on the La Jolla pipe line but thought possibly you wanted these itemized as we presume the City would do all the installing and for this reason we are sending it to you today in a little different form itemized as follows:

1 - 16" Altitude valve - - -	\$1400.00
2 - 16" Gate Valves - - - - -	145.00 each
1 - 8" " " - - - - -	35.00 "
16 x 8 - Wyes - - - - -	65.00 "

It would not be necessary to put in a 16" bypass as this would only be used in repairing the altitude valve, an 8" would be sufficient. The City are using these Altitude or reducing valves in several other places and we can see no reason why they should not put one in this place.

In your letter received yesterday you spoke of our having reviewed the profile before commencing the work but at that time this line was supposed to have been a flow line with the lower end constantly open in which case we would have a much lower pressure which as we remember it would run 140# possibly less, but sometime after the first pipe was installed it was discovered that this line

connected up with the 8" line at La Jolla going down to San Diego which practically gave the effect of closing the gate, therefore, the very high pressure of 180# which is on the line was originally supposed to be on the line in case of emergency like shutting off the water, while now it seems with this 8" outlet the pressure has been on constantly for the last year. There is no doubt but what the line will stand just exactly what it was originally intended to stand and for short periods 180# pressure would not in anyway damage the line but a constant pressure of 180#, gives seepage which eventually develops into leaks and do^tthe line great injury.

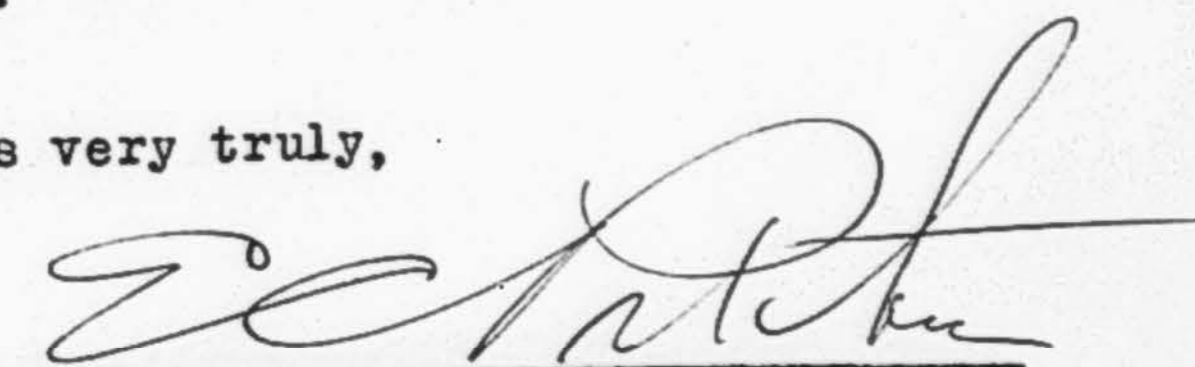
Our reference to the contract was simply this - The contract calls for 400 ft. head-180# is for 420# head. If my recollections serve me properly, the first survey that was made and on which the contract was drawn only showed about 400 ft. head as being the highest head that could ever be put on the line but with a flow line it was not to be much over 300 ft. head. After we commenced work it was discovered that instead of 400 ft. head we had a 420' head to contend with. It must have been after the contract was signed as it was not mentioned in the contract. The altitude valve which we have suggested to Mr. Rhodes several months ago will not in anyway decrease the flow of water but simply maintains the pressure at any desired point to give the required amount of water flowing over the hill at La Jolla over the San Diego system and simply means that when the water is not being used such as at present being connected with an 8" pipe, this valve would operate ~~xxx~~ and partially shut off the head. The City engineers are fully conversant with the operation of these valves as we talked with them personally, and as stated above you have several already in operation.

It seems very false economy to endanger an expensive pipe line just for the sake of not wanting to stand the small amount of money required to put in this valve, that the installation of this valve and the result of lowering pressure to the amount required for the delivery of water will prolong the life of this pipe many years and if this valve is not put in immediately we look for serious consequences as you are putting a strain on

to redwood pipe which was never intended to be put on to it and which as a matter of fact redwood pipe cannot stand.

We trust that you will be successful in having some action taken at once.

Yours very truly,



President.

PACIFIC TANK & PIPE COMPANY

ECP/GL

Ed Fletcher Papers

1870-1955

MSS.81

Box: 20 Folder: 40

General Correspondence - Pacific Tank and Pipe Company -



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