



Project Name: Powerhouses Nos. 1 and 2

DATE: May 20, 1981

CHANGE ORDER NUMBER: 13

CONTRACT NUMBER: 18680

ORDINANCE NUMBER: 149634

CONTRACT DATE: June 5, 1980

PURCHASE ORDER NO: 12731

You are directed to make the following changes in this Contract and proceed with work:

The contract is hereby amended to provide increased compensation in the amount of \$4,188.00 for additional travel pay costs during the closure of Route S-10.

It is understood and agreed that the change has no impact upon the unchanged work, does not affect the contract performance time, and represents an equitable settlement on all claims pertaining to the closure of Route S-10.

The Change Order Amount This Change Order	\$ 4,188.00
Total Previous Change Order Amount	\$ (96,832.51)
Total Change Orders	\$ (92,644.51) <i>OK</i>
Basic Contract Amount Including Other Contract Amendments	\$ 15,001,231.49
Total Contract Amount Including This Change Order	\$ 15,005,419.49

The total Change Order amount is (less)(more\*) than 5% of the basic Contract amount.

*Pacific Venture Inc.*  
Contractor

Initiator

Date

Engineer

Date

by

Date

Bureau Manager

Date

\*  
Commissioner

Date

THE CITY OF PORTLAND, OREGON

CHANGE ORDER

BUREAU OF HYDROELECTRIC POWER

AGREEMENT

151658

Project Name: Powerhouses Nos. 1 and 2

DATE: May 19, 1981

CHANGE ORDER NUMBER: 10

CONTRACT NUMBER: 18680

ORDINANCE NUMBER: 149634

CONTRACT DATE: June 5, 1980

PURCHASE ORDER NO: 12731

You are directed to make the following changes in this Contract and proceed with work:

The time of performance of the contract for the construction of both powerhouses is extended by one calendar day due to suspension of work on February 11, 1981 due to unusually severe weather at no additional cost or claim to the City.

The Change Order Amount This Change Order	\$ 00
Total Previous Change Order Amount	\$ (113,016.45)
Total Change Orders	\$ (113,016.45)
Basic Contract Amount Including Other Contract Amendments	\$ 15,098,064.00
Total Contract Amount Including This Change Order	\$ 14,985,047.55

The total Change Order amount is (less)(more\*) than 5% of the basic Contract amount.

Contractor

by

*Pacific Ventures*  
*[Signature]*  
 5/20/81  
 Date

Initiator

Engineer

Bureau Manager

\* Commissioner

Date

Date

Date

Date

5/20/81

5-20-81

5-20-81

THE CITY OF PORTLAND, OREGON

CHANGE ORDER

BUREAU OF HYDROELECTRIC POWER

AGREEMENTProject Name: Powerhouses Nos. 1 and 2DATE: April 22, 1981CHANGE ORDER NUMBER: 11CONTRACT NUMBER: 18680ORDINANCE NUMBER: 149634CONTRACT DATE: June 5, 1980PURCHASE ORDER NO: 12731

You are directed to make the following changes in this Contract and proceed with work on the attached sheets.

It is understood and agreed that the changes, additions, clarifications, and resolution of claims will be accomplished within the contract period, and in accordance with the specifications for a lump sum price of \$13,768.94. The price shall include all costs for labor, equipment, material, overhead and profit, including any impact on the unchanged work.

The Change Order Amount This Change Order	\$ <u>13,768.94</u>
Total Previous Change Order Amount	\$ <u>(113,016.45)</u>
Total Change Orders	\$ <u>(99,247.51)</u> <i>AT</i>
Basic Contract Amount Including Other Contract Amendments	\$ <u>14,985,047.55</u>
Total Contract Amount Including This Change Order	\$ <u>14,993,816.49</u>

The total Change Order amount is (less)(more\*) than 5% of the basic Contract amount.

Contractor

Pacific Ventures Inc  
4/23/81  
 Date

Initiator

Date

Engineer

Date

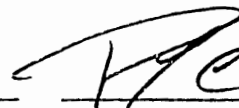
Bureau Manager

Date

Commissioner

Date

1. Restore, as directed, the existing 10" collector drain where damaged during installation of the storm sewer system below Powerhouse No. 2. Cost: \$3,588.00.
2. Increase the concrete quantities to accommodate the dimensional changes in the (1) sump at Powerhouse No. 2; (2) tailrace wall at Powerhouse No. 2; and (3) valve pit wall at Powerhouse No. 1. Cost: \$2,200.00.
3. Excavate the unanticipated cementitious material encountered at Powerhouse No. 2. Cost: \$997.05.
4. Add 98 cubic yards of rock excavation to the unit price work for Schedule A at Powerhouse No. 1 to cover the additional excavation of the retaining wall footing. Cost: \$1,666.00.
5. Add a floor drain and associated connection piping at Elevation 881.00 of Powerhouse No. 1. Cost: \$1,571.00.
6. Remove and store the 12" chlorinator line which was within the excavation for Powerhouse No. 2. Cost: \$503.00.
7. Stub a 4" soil pipe from the drain system to provide a future connection for the head cover drain at Powerhouse No. 2. Cost: \$201.00.
8. Add head cover drain piping omitted from the contract drawings but shown on the Fuji drawings for Powerhouse No. 2. Cost: \$3,154.00.
9. Provide a structural blockout for the 12" tail water equalizing line and add a flexible coupling all at Powerhouse No. 2. Cost: \$1,288.00.
10. Add an additional final coat of gray epoxy enamel to all draft tube gates for both Powerhouse No. 1 and No. 2. Cost: \$3,623.00.
11. Remove the material which slid into the excavation area for the storm sewer system subsequent to award of contract at Powerhouse No. 2. Cost: \$833.75.
12. Provide a compressor furnishing 166 SCFM at 125 psig discharge pressure. This is for the turbine air compressor for Powerhouse No. 2 in lieu of that originally specified. Credit: \$10,000.00.
13. Substitute relays in the time delay switchgear from the originally specified Agastat to Westinghouse at both Powerhouse No. 1 and No. 2. Cost: \$4,144.14.
14. Substitute coating System No. 1 for System No. 8 on the exterior exposed portion of the penstock at both Powerhouse No. 1 and No. 2. No cost.



Project Name: Powerhouses Nos. 1 and 2DATE: April 22, 1981CHANGE ORDER NUMBER: 12CONTRACT NUMBER: 18680ORDINANCE NUMBER: 149634CONTRACT DATE: June 5, 1980PURCHASE ORDER NO: 12731

You are directed to make the following changes in this Contract and proceed with work:

The contract is hereby amended to provide additional compensation in the amount of \$2,415.00 for custodial maintenance of the City's site office at Powerhouse No. 1.

It is understood and agreed that change has no impact upon the unchanged work, does not affect the contract performance time and represents an equitable settlement on all claims pertaining to custodial maintenance of the City's site office building.

The Change Order Amount This Change Order	\$ <u>2,415.00</u>
Total Previous Change Order Amount	\$ <u>(99,247.51)</u>
Total Change Orders	\$ <u>(96,832.51)</u>
Basic Contract Amount Including Other Contract Amendments	\$ <u>14,998,816.49</u>
Total Contract Amount Including This Change Order	\$ <u>15,001,231.49</u>

The total Change Order amount is (less)(more\*) than 5% of the basic Contract amount.

Pacific Ventures Inc  
Contractor

4/23/81  
by [Signature] Date

Initiator

Date

Engineer

Date

Bureau Manager

Date

\* Commissioner

Date

## ORDINANCE NO. 151658

An Ordinance authorizing Change Orders Nos. 10, 11, 12, and 13 increasing the total of Contract No. 18680 with Pacific Ventures, Inc. for the construction of Powerhouses Nos. 1 and 2 by \$20,371.94, for the Bureau of Hydroelectric Power, extending the completion dates on Powerhouses Nos. 1 and 2 one day each, transferring funds, and declaring an emergency.

The City of Portland ordains:

Section 1. The Council finds:

1. That a one-day time extension at both powerhouses was necessary due to icy roads within the Bull Run Reserve.
2. That minor changes in the project are necessary to improve project construction and performance for a cost of \$13,768.94.
3. That additional maintenance service outside the scope of the original contract was required for the City site offices at a cost of \$2,415.00.
4. That additional travel costs were incurred outside the reasonable expectations of the contractor for the closure of Route S-10 within the Bull Run Reserve at an amount of \$4,188.00.
5. That the overall contract price of Contract No. 18680 with Pacific Ventures, Inc. be increased by \$20,371.94, which is still below the original contract amount.
6. That \$20,371.94 needs to be transferred from Hydropower Contingency to the Hydropower Construction Fund.

NOW, THEREFORE, the Council directs:

- a. That Change Orders Nos. 10, 11, 12, and 13 be accepted by the City for a contract increase of \$20,371.94 for Contract No. 18680 with Pacific Ventures, Inc. Change Orders Nos. 10, 11, 12, and 13 are attached and made part of this Ordinance.
- b. That a time extension of one day for Powerhouses No. 1 and No. 2 be granted.
- c. That \$20,371.94 is transferred from Hydropower Contingency, BUC #64000012, Object Code 710, to Hydropower Construction Fund, BUC #64200003, Object Code 630 (Improvements).

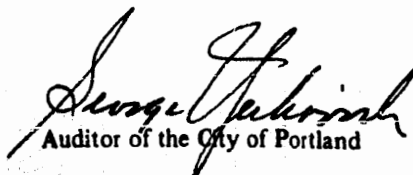
**ORDINANCE No. 151658**

Section 2. The Council declares that an emergency exists because a delay will result in increased price from the contractor and suppliers which would result in higher costs for the City; therefore, this Ordinance shall be in force and effect from and after its passage by the Council.

Passed by the Council, **MM 3 1981**

Mayor Ivancie  
May 22, 1981  
J. L. Doane/jr  
BUC #64000012  
BUC #64200003

Attest:

  
Auditor of the City of Portland

THE COMMISSIONERS VOTED AS FOLLOWS:		
	Yeas	Nays
JORDAN	1	
LINDBERG	1	
SCHWAB	1	
STRACHAN	1	
IVANCIE	1	

FOUR-FIFTHS CALENDAR	
JORDAN	
LINDBERG	
SCHWAB	
STRACHAN	
IVANCIE	

Calendar No. 1731

## ORDINANCE No. 151658

### Title

An Ordinance authorizing Change Orders Nos. 10, 11, 12, and 13 increasing the total of Contract No. 18680 with Pacific Ventures, Inc. for the construction of Powerhouses Nos. 1 and 2 by \$20,371.94, for the Bureau of Hydroelectric Power, extending the completion dates on Powerhouses Nos. 1 and 2 one day each, transferring funds, and declaring an emergency.

Filed MAY 29 1981

GEORGE YERKOVICH  
Auditor of the CITY OF PORTLAND

By Gordon Hall

Deputy

INTRODUCED BY

Mayor Ivancie

NOTED BY THE COMMISSIONER

Affairs

Finance and  
Administration

FJI/MK

Safety

Utilities

Works

BUREAU APPROVAL

Bureau:

Hydroelectric Power

Prepared By:

Date:

J. L. Doane

May 22, 1981

Budget Impact Review:

☒ Completed ☐ Not required

Bureau Head:

James L. Doane, Manager

CALENDAR

Consent ☒

Regular

NOTED BY

City Attorney

City Auditor

City Engineer