

256877

*Bond # B 37521*

THE CITY OF SEATTLE

BOARD OF PUBLIC WORKS

\* \* \*

DEPARTMENT OF LIGHTING

PEND OREILLE RIVER - BOUNDARY PROJECT

\* \* \*

CONSTRUCT TUNNEL PLUGS IN THE  
WEST WORKINGS OF THE PEND OREILLE MINES AND METAL CO.  
AT METALINE FALLS, WASHINGTON

SPECIFICATION NO. 1976

SEATTLE, WASHINGTON

1966

C. G. ERLANDSON  
COMPTROLLER AND CITY CLERK

66 NOV 1 PM 2:30

FILED  
CITY OF SEATTLE

*C. F. #  
256877*

66-65

# DAWSON & CO. INC. Insurance-Surety Bonds

417 SECOND AVE. W., SEATTLE, WASHINGTON 98119 AT 4-6300

WILLIAM C. NELSON  
RUSTY YOUNG, C.P.C.U.  
VICTOR E. JONES  
HAROLD KNAPPETT  
ROBERT C. THUNDER  
ROBERT M. CARLTON  
B. BRITTON MAY, JR.  
DON DAVIS, JR., C.L.U.  
RON HARTZ  
KING STOUTENBURG

RECEIVED

1967 DEC 13 AM 9 48

SECRETARY  
BOARD OF PUBLIC WORKS

## TRANSMITTAL RECORD

To City of Seattle Date December 12, 1967  
Board of Public Works  
Department of Lighting Re Austin Drilling and Exploration Co.  
Seattle Municipal Building  
Seattle, Washington  
Attention \_\_\_\_\_

We are pleased to enclose the following:

Certificate of insurance as respects constructing tunnel plugs in  
the West Workings of the Pend Oreille Mines and Metal Co. at Meta-  
line Falls, Washington

Remarks (IN CONNECTION WITH BOUNDARY DAM PROJECT)

DAWSON & CO., Inc.

By B Britton May, Jr.

BEM:ew  
encl.



THE NORTHWEST'S LARGEST BONDING AGENCY

FILED  
CITY OF SEATTLE

'67 DEC 13 AM 11:23

C. O. ERLANDSON  
COMPTROLLER AND CITY CLERK

# GENERAL INSURANCE COMPANY OF AMERICA

Home Office: 4347 Brooklyn Ave. N.E., Seattle, Washington 98105 (A Stock Insurance Company)



## Certificate of Insurance

General Insurance Company of America hereby certifies that such insurance policies as are indicated hereunder have been issued and are in full force and effect on the effective date of this certificate.

Name of Insured and Mailing Address (Street, City, State)

AUSTIN DRILLING AND EXPLORATION CO., INC. AND  
THOMAS N. HUBER, INDIVIDUALLY  
18921-16TH AVENUE N. E.  
SEATTLE, WASHINGTON



Policy Period: from OCTOBER 20, 1967 to JUNE 30, 1968  
12:01 A.M., Standard Time, at the address of the insured shown above.

This certificate indicates insurance afforded only with respect to such and so many of the policies of insurance as are indicated by number herein, and to such and so many of the coverages under such policies as are indicated by the inclusion of limits of liability, amount of coverage or the word "Included".

This certificate is only a statement of the existence of the policy or policies of insurance herein referred to and does not change or affect the terms thereof.

| Type of Insurance                                  | Policy Number | Coverage                                                                                                     | Limits of Liability or Amount of Coverage                                           |
|----------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Public Liability<br>Other Than<br>Auto or Elevator | CP 184271     | Bodily Injury                                                                                                | 100,000. One Person<br>300,000. One (Accident)(Occurrence)                          |
|                                                    |               | Property Damage                                                                                              | 100,000. One (Accident)(Occurrence)<br>100,000. Aggregate                           |
|                                                    |               |                                                                                                              | 100,000. One Person                                                                 |
| Auto<br>Public Liability                           | CP 184271     | Bodily Injury                                                                                                | 300,000. One (Accident)(Occurrence)                                                 |
|                                                    |               | Property Damage                                                                                              | 100,000. One (Accident)(Occurrence)                                                 |
| Workmen's<br>Compensation                          |               | Subject to the terms of the Workmen's<br>Compensation laws of the state in<br>which policy affords coverage. |                                                                                     |
|                                                    |               |                                                                                                              |                                                                                     |
|                                                    |               |                                                                                                              |                                                                                     |
|                                                    |               |                                                                                                              | One Person<br>One (Accident)(Occurrence)<br>Aggregate<br>One (Accident)(Occurrence) |

Location of risk covered, or description of automobile or elevator covered, or description and location of operations or work covered: **CONSTRUCT TUNNEL PLUGS IN THE WEST WORKINGS OF THE PEND OREILLE MINES AND METAL CO. AT METALINE FALLS, WASHINGTON**

☒ This policy provides Products and Completed Operations coverage.

Certificate is issued to: Name and Address

CITY OF SEATTLE  
BOARD OF PUBLIC WORKS  
DEPARTMENT OF LIGHTING  
SEATTLE MUNICIPAL BUILDING  
SEATTLE, WASHINGTON

Dated  
at SEATTLE, WASHINGTON

on OCTOBER 20, 1967

GENERAL INSURANCE COMPANY OF AMERICA

(2) DAWSON & CO., INC.

By

B. Britton May, Jr.  
DAWSON & CO., INC.



DAWSON & CO., INC.  
700 THIRD AVE., SEATTLE, WASHINGTON 98104

CERTIFICATE OF INSURANCE

This is to certify that the insurance described below has been arranged for the Insured designated in this certificate. Any requirements or provisions in any contract or agreement between the Insured and any other person, firm or corporation will not be construed as enlarging, altering or amending the definition of insured or any other terms or conditions of this certificate or the insurance designated. Such insurance, subject to the limits of liability, coverage, hazards, exclusions, provisions, conditions and other terms thereof, is in full force and effect as of the date this certificate was issued.

Name of insured **Austin Drilling & Exploration Co., Inc.**  
Address of insured **18921 - 16th Avenue N. E., Seattle, Washington**

**Bodily Injury Liability Insurance—Other Than Automobile**

Primary Insurer **General Insurance Co.** Expires **10-20-67** Pol. No. **CP 152412**  
Limits \$ **100,000.00** Each Person \$ **300,000.00** Each Occurrence \$ **300,000.00** Aggregate  
Excess Insurer \_\_\_\_\_ Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Limits \$ \_\_\_\_\_ Each Person \$ \_\_\_\_\_ Each Occurrence \$ \_\_\_\_\_ Aggregate  
Total \$ \_\_\_\_\_ Each Person \$ \_\_\_\_\_ Each Occurrence \$ \_\_\_\_\_ Aggregate

**Bodily Injury Liability Insurance—Automobile**

Primary Insurer **Same as Above** Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Limits \$ **100,000.00** Each Person \$ **300,000.00** Each Occurrence \_\_\_\_\_  
Excess Insurer \_\_\_\_\_ Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Limits \$ \_\_\_\_\_ Each Occurrence \_\_\_\_\_ Each Occurrence \_\_\_\_\_  
Total \$ \_\_\_\_\_ Each Person \$ \_\_\_\_\_ Each Occurrence \_\_\_\_\_

**Property Damage Liability Insurance—Other Than Automobile**

Primary Insurer **Same as Above** Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Limits \$ **100,000.00** Each Occurrence **100,000.00** Aggregate  
Excess Insurer \_\_\_\_\_ Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Limits \$ \_\_\_\_\_ Each Occurrence \_\_\_\_\_ Aggregate  
Total \$ \_\_\_\_\_ Each Occurrence \_\_\_\_\_ Aggregate

**Property Damage Liability Insurance—Automobile**

Primary Insurer **Same as Above** Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Limits \$ **100,000.00** Each Occurrence \_\_\_\_\_  
Excess Insurer \_\_\_\_\_ Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Limits \$ \_\_\_\_\_ Each Occurrence \_\_\_\_\_  
Total \$ \_\_\_\_\_ Each Occurrence \_\_\_\_\_

**Workmen's Compensation, Including Longshoremen's and Harbor Worker's Act**

Insurer \_\_\_\_\_ Expires \_\_\_\_\_ Pol. No. \_\_\_\_\_  
Emp. Liability Limit \_\_\_\_\_ Each Accident \_\_\_\_\_

In accordance with the above, the insurance covers the operations and locations described as follows:

**Construct tunnel plugs in the West Workings of the Pend Oreille Mines and Metal Co. at Meteline Falls, Washington**  
(See Reverse Side)

This certificate is not a policy and does not afford any insurance coverage. Nothing contained in this certificate shall be construed as extending coverage not afforded by the designated insurances or by endorsement thereto.  
In the event of cancellation of the insurance as shown herein the issuing company will give **ten (10)** day written notice by mail to the holder of this certificate.

DAWSON & CO., INC.  
DAWSON & CO. OF ALASKA, INC.

Date **October 21, 1966**  
To **City of Seattle**  
Address **Board of Public Works**  
**Department of Lighting**  
**Seattle Municipal Building**  
**Seattle, Washington**

By *[Signature]*

Seattle, Washington  
Seattle Municipal Building

It is understood and agreed that the City of Seattle is an additional named insured but only as respects the construction of tunnel plugs in the West Workings of the Pend Oreille Mines and Metal Co. at Metaline Falls, Washington.

CCM (TO)

(See Enclosure Page)

CHAS. H. KIRBY AND COMPANY CO. OF PORTLAND, ORE., REQUESTING  
CITY OF SEATTLE TO ISSUE TO THE ABOVE HOLDERS OF THE BOND

FILED  
CITY OF SEATTLE

66 NOV 1 PM 2:30

C. C. ERLANDSON  
COMPTROLLER AND CITY CLERK



THE CITY OF SEATTLE  
BOARD OF PUBLIC WORKS

\* \* \*

DEPARTMENT OF LIGHTING  
PEND OREILLE RIVER - BOUNDARY PROJECT

\* \* \*

INSTRUCTIONS TO BIDDERS, PROPOSAL,  
CONTRACT, AND SPECIFICATION

\* \* \*

CONSTRUCT TUNNEL PLUGS IN THE  
WEST WORKINGS OF THE PEND OREILLE MINES AND METAL CO.  
AT METALINE FALLS, WASHINGTON

As authorized by Ordinance No. 94409  
Prepared by the Superintendent of Lighting  
August, 1966

Submitted by

C. L. Horda  
Chief Civil Engineer

Recommended by

J. W. Brandberg  
Chief Engineer

J. J. J. J.  
Superintendent of Lighting

Examined and Approved by  
The Board of Public Works

SEPT. 14, 1966

ATTEST:

Kenneth K. Hool  
ACTING Secretary

Fred B. McKay  
Chairman, Board of Public Works

SPECIFICATION NO. 1976

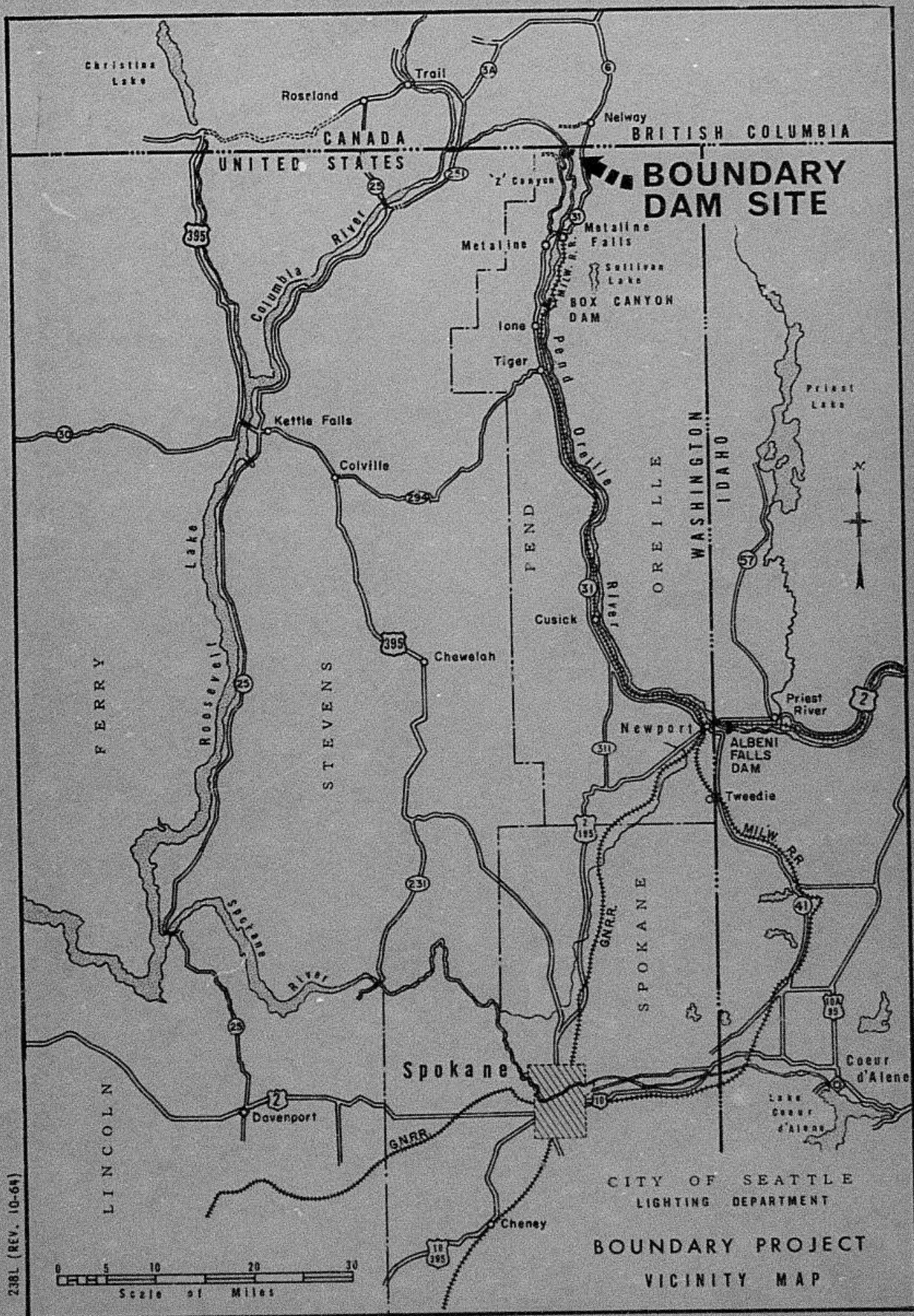


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INSTRUCTIONS TO BIDDERS

Sealed proposals for this work will be received by the Board of Public Works of the City of Seattle until 2:00 p.m. Wednesday, OCT 11 1966, in Room 404 Seattle Municipal Building, 600 Fourth Avenue, Seattle, Washington 98104.

All bids shall be accompanied by a certified check payable to the order of the City Comptroller, cash, or by a bid bond approved as to form by the Corporation Counsel in writing, for a sum of not less than five per cent (5%) of the amount of the bid and no bid shall be considered unless accompanied by such case, check, or bid bond. A bid bond, the sum of which is not filled in may be approved by the Corporation Counsel in writing up to five (5) days prior to the submission of said bid to the Board of Public Works providing the following items appear thereon: (a) Ordinance number of the improvement, (b) name and nature of the improvement, (c) authorized signature of the company's or contractor's officer empowered to sign official papers. The sum of the bid bond must be filled in by the bidder prior to submitting the bid to the Board of Public Works in the amount and at the time and place specified above.

If the contract is let, all checks or cash shall be returned to the bidder, except that of the successful bidder, which shall be retained until a contract is entered into between the bidder and the City, in accordance with such bid. If the said bidder fails to enter into such contract in accordance with his bid within ten days from the date at which he is notified that he is the successful bidder, the said cash or check and the amount thereof shall be forfeited to the City, or, if a bid bond accompanied the bid, the necessary legal steps will be taken by the City to recover an amount equal to five per cent (5%) of the amount of the bid. Before such contract between the successful bidder and the City shall be valid or binding against the City of Seattle, the Contractor shall enter into a joint and several bond with the City of Seattle, for the use of said City, and also for the use of all persons who may perform or cause to be performed any work or labor, or furnish or cause to be furnished any skill, labor or material in the execution of such contract, which bond shall be signed by the Contractor and two or more good and sufficient sureties or with a surety company as surety, and shall be in the amount of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) but not less than one hundred per cent (100%) of the bid.

All payment for this work shall be made by warrants drawn on the Light Fund.

The work embraced in the following proposal and contract shall be done in all respects in accordance with these instructions, the proposal, contract and special specifications attached hereto; the accompanying plans, and such detail plans as may be furnished during the progress of the work.

The work embraced in the following Proposal and Contract shall be under the direct supervision of the Superintendent of Lighting, subject to the acceptance and approval of the Board of Public Works. It shall be begun immediately upon notice from the Superintendent of Lighting to begin work; and shall be completed within 45 days (Sundays and holidays included) after the date of such notice.

Bidders are notified to examine thoroughly these instructions, the proposal, the form of contract, the plans and specifications. If there be any doubt or obscurity

INSTRUCTIONS TO BIDDERS (Cont.)

as to meaning of the same, intending bidders should ask the Superintendent of Lighting for an explanation before submitting their proposals.

Permission will not be given for the withdrawal or modification of any bid or proposal.

Bids will not be received if detached from the form of contract with which they are bound, nor shall any of the accompanying papers be detached therefrom, but the entire package must be unbroken, in good order and enclosed in a sealed envelope endorsed with the name of the bidder and the name of the work.

Bids must be made on every item noted on the blanks and proposals provided for this improvement to the extent that the proposal represents a complete integral project.

Quantities listed on the proposal blanks are for the purpose of comparing bids only.

The advertisement for bids provides that a deposit for plans and specifications will be required from each bidder. This deposit will be returned to him upon the return of the plans and specifications in good condition to the office of the Department of Lighting designated in the advertisement for bids, within ten (10) days after the bid opening date. Failure to comply will result in forfeiture of the deposit for the plans and specifications.

The Board of Public Works reserves the right to reject any or all bids, and to waive informalities.

Any bulletins or addenda issued during the time of bidding are to be covered in the proposal, and in closing a contract will be a part thereof.

BIDDER'S CHECK LIST

1. Has the Proposal been properly signed?
2. Is the amount of cash, the Bid Bond or Certified Check at least 5% of the total of bid?
3. Has your Bid Bond been approved by the Corporation Counsel?  
(See Instructions to Bidders)
4. Do the written amounts of the Proposal agree with the amounts shown in figures?
5. Have you bid on all the items?

PROPOSAL

Seattle, Washington Oct. 11 1966

TO THE BOARD OF PUBLIC WORKS OF THE CITY OF SEATTLE:

The undersigned hereby certifies that He has personally and carefully examined the plans, specifications, form of contract and foregoing instructions for

CONSTRUCTION OF TUNNEL PLUGS IN THE  
WEST WORKINGS OF THE PEND OREILLE MINES AND METAL CO.  
AT METALINE FALLS, WASHINGTON

under Ordinance No. 94409; that He has examined the site of the work and the location where said work is to be done, that He fully understands the manner in which payment is proposed to be made for the cost thereof, and that He fully understands that the quantities shown on the proposal are for the purpose of comparing bids only and, having made the necessary examination, hereby proposes to furnish all material and to perform all labor which may be required to complete said work within the time fixed and upon the terms and conditions provided in the said plans, specifications, contract and foregoing instructions at the following prices:

Certified Check Enclosed \$        Bid Bond Enclosed \$ 5%

| ITEM NO. | ITEM<br>(Prices to be written in words)                                                               | AMOUNT  |      |
|----------|-------------------------------------------------------------------------------------------------------|---------|------|
|          |                                                                                                       | Dollars | Cts. |
| 1        | Construct Tunnel Plugs.<br>Lump Sum of <u>Nineteen thousand Four hundred and forty two and 33/100</u> | 19,442  | 33   |

Total 19,442 33

4.2% State Sales Tax 721 53

Total Incl. Sales Tax 20,163 91

Date                                 

Austin Drilling & Exploration  
Company Name

Address 18921 16<sup>th</sup> AVE NE

Seattle, Wash.

By Thomas W. Huber

Telephone EM 4-6570

Note: Indicate method of plug construction: Cast-in-place concrete ✓;  
"Gunite" concrete           .

C O N T R A C T

THIS CONTRACT, made this 29 day of October, A.D. 1966, by and between THE CITY OF SEATTLE, a Municipal Corporation of the State of Washington, party of the first part, and Austin Drilling & Exploration Co., party y of the second part,

W I T N E S S E T H:

Section 1. That the said part y of the second part agree s to perform the work covered by Specification No. 1976

CONSTRUCT TUNNEL PLUGS IN THE

WEST WORKINGS OF THE PEND OREILLE MINES AND METAL CO.

AT METALINE FALLS, WASHINGTON

as ordered by Ordinance No. 94409, in all respects in accordance with the plans now on file in the office of the Superintendent of Lighting of said City, and also in accordance with the special specifications and instructions hereto attached, and the Laws of the State of Washington, and Charter and Ordinances of the City of Seattle, as amended and now in force, all of which, so far as applicable, are hereby made a part of this Contract.

Section 2. The said part y of the second part agree s to begin the work embraced in the Contract for this improvement immediately after written notice shall have been given to said part y of the second part by the Superintendent of Lighting, and to carry on said work regularly and uninterruptedly thereafter (unless the Superintendent of Lighting or the Board of Public Works shall otherwise, in writing, especially direct), with such force as to secure its completion within 45 days (Sundays and holidays included) after such notice to begin work; the time of beginning, rate of progress and time of completion being essential conditions of this Contract.

SPECIFICATION CONTRACT (Cont.)

Section 3. That the said party of the first part agrees to pay to said party of the second part for the actual quantities in the completed work according to the schedule of unit prices set forth in the proposal hereto attached and made a part of this contract.

Section 4. Subject to the provisions of Chapter 63, Laws of Washington of 1945, the said party of the second part hereby covenant<sup>s</sup>, stipulate<sup>s</sup> and agree<sup>s</sup> :

That he will pay or cause to be paid to the employees on or in connection with this work or under this contract not less than the current hourly rate of wages specified for the class of labor performed.

That he will not enter directly or indirectly into any agreement with any person or persons for labor or employment at any less wage.

That he will not make or permit any assignment or transfer of this contract, or any of the work to be performed hereunder, nor sublet said work or any part thereof in any manner or by any scheme, device or subterfuge which will permit or secure the performance of labor upon or in connection with this work or under this contract, at a rate of wage less than herein specified.

That every scheme or device by which employees employed upon or in connection with this work or under this contract shall sublet or subcontract the same, or take any transfer or assignment of this contract or of any work herein provided for, as a co-partnership or other association, whereby in lieu of receiving the minimum rate of wages hereinabove specified, they shall receive a less sum in cash and become sharers in the profits or losses under this contract in compensation for their labor, shall be deemed a subterfuge, device or scheme to evade the provisions of this contract, and shall be null and void and shall render this contract subject to forfeiture.

The above covenants are made for the benefit of the individual employees of the Contractor, and that any employee performing work or labor under this contract shall have a cause of action against the Contractor for the difference between the wages herein specified and the amount actually paid to such employee.

That he will keep complete and accurate payrolls upon which shall appear the following information with respect to each person employed upon or in connection with this work or under this contract:

- |                                                         |                                         |
|---------------------------------------------------------|-----------------------------------------|
| 1. Employee's name and residence address,               | 6. Rate of Wages,                       |
| 2. Classification of work as defined by specifications, | 7. Total amount earned,                 |
| 3. Number of hours employed each day,                   | 8. Deductions for medical aid,          |
| 4. Total number of hours employed each payroll period,  | 9. Net amount paid,                     |
| 5. Travel Time paid,                                    | 10. Whether a citizen of United States, |
|                                                         | 11. Whether a head of family.           |

SPECIFICATION CONTRACT (Cont.)

Work performed at straight time rate shall be shown on one line of the payroll for each day and any overtime worked or other additional compensation must be shown on a separate line for each day and extended at the premium rate. The payroll shall be at all times accessible and open to inspection by the Board of Public Works, and a copy thereof duly signed by the Contractor or his authorized agent and verified before a Notary Public, to be filed with the Secretary of said Board not later than seventy-two (72) hours after the expiration of each payroll period.

That all employees will be paid in full not less often than once each week, and in lawful money of the United States, in the full amount accrued to each employee at the time of closing of the payroll, which shall not be more than three (3) days prior to the date of payment.

Subject to the provision of Chapter 246, Laws of Washington of 1943, the said party of the second part hereby covenants and stipulates and agrees S:

That he will employ ninety-five (95) percent or more bona fide Washington residents as employees where more than fifty (50) persons are employed, and ninety (90) percent or more where fifty (50) or less are employed.

The term "resident" as used herein shall mean any person who has been a bona fide resident of the State of Washington for a period of ninety (90) days prior to such employment; provided, that in contracts involving the expenditure of federal aid funds, this specification shall not be enforced in such manner as to conflict with or be contrary to the federal statutes, rules and regulations prescribing a labor preference to honorably discharged soldiers, sailors and marines, or prohibiting as unlawful any other preference or discrimination among the citizens of the United States.

That in the event a sufficient number of Washington residents shall not be available, he shall immediately notify the Board of Public Works of such facts and shall state the number of non-residents needed. The Board of Public Works shall immediately investigate the facts and if the conditions are as stated, said Board shall, by a written order, designate the number of non-residents which may be employed on said contract, and the period of employment; provided, that should residents become available within said period, such residents shall be employed immediately and the period shortened consistent with the supply of resident labor.

Should he employ a nonresident in excess of the percentage preferences, excepting as herein permitted, he shall have deducted for every violation, from the amount due       , the prevailing wages which should have been paid for a displaced resident. The money so deducted shall be retained by the City of Seattle.

In accordance with said statute, any contractor violating any of the provisions of this act shall be guilty of a misdemeanor.

SPECIFICATION CONTRACT (Cont.)

That to facilitate the enforcement of the above covenants, the Contractor agrees to prepare and file with the Board of Public Works a complete list containing the names and residence addresses of all of his employees and keep the same up to date at all times.

That in the event of violation of any of these covenants or any provision thereof, payment due from the City of Seattle on any work done under this contract may be withheld until full compliance therewith, the work may be stopped or, at the discretion of said Board of Public Works, with the consent of the City Council, this contract may be cancelled and forfeited.

IN WITNESS WHEREOF, said party of the first part has caused these presents to be signed by the Chairman of the Board of Public Works and to be attested by the Secretary of said Board; and said part\_\_ of the second part he\_\_ hereunto set \_\_\_\_\_ hand\_\_ the day and year first above written.

THE CITY OF SEATTLE

By

*R. W. Morse*  
Chairman of Board of Public Works

*E. Skunk*  
Secretary of Board of Public Works

*Austin Drilling & Exploration* (SEAL) Inc.

*by Thomas W. Huber* (SEAL)

\_\_\_\_\_  
(SEAL)

DEPARTMENT OF PUBLIC WORKS  
of  
THE CITY OF SEATTLE  
Office of the Secretary  
CONTRACTOR'S QUESTIONNAIRE

Before the contract is awarded the successful bidder will be required to properly execute the following affidavit.

- Question Drilling & Exploration Co. Inc.
1. CORPORATION: Name Question Drilling & Exploration Co. Inc. Address 18201 - 4th Ave. Phone PM 4-6570
  2. President Thomas N. Nielsen Address " Phone "
  - Secretary Dorothy M. Nielsen Address " Phone "
  - Treasurer " Address " Phone "
  3. Has Company paid its annual State License Fees for corporations? Yes
  4. Who is authorized to execute contracts and receipt for checks? "

Thomas N. Nielsen  
Signed by Dorothy M. Nielsen Title Secretary

1. PARTNERSHIP: Name " Address " Phone "
2. Are you doing business under an assumed name? "
3. Have you filed your certificate with the County Clerk of King County, in compliance with Chapter 145 of the Session Laws of the State of Washington for the year 1907? "
4. State name, residence address, phone number, citizenship and what interest each partner holds in the partnership.

Name " Address " Phone "

Citizenship " Interest "

Name " Address " Phone "

Citizenship " Interest "

Name " Address " Phone "

Citizenship " Interest "

Name " Address " Phone "

Citizenship " Interest "

5. Who is authorized to execute contracts and receipt for checks? "

(All partners must sign and swear to affidavit.)

Signed by \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CONTRACTOR'S QUESTIONNAIRE, (Cont.)

1. SOLE TRADER: Name \_\_\_\_\_ Address \_\_\_\_\_ Phone \_\_\_\_\_
2. Are you doing business under an assumed name? \_\_\_\_\_
3. Have you filed your certificate with the County Clerk of King County in compliance with Chapter 145 of the Session Laws of the State of Washington for the year 1907? yes
4. Are you an American citizen? yes

Signed by *Walter D. Hueston, Sec*

STATE OF WASHINGTON )  
 ) ss.  
COUNTY OF KING )

I, Thomas N. Huber

having first been duly sworn, on

oath, hereby depose and say: That I have read all of the foregoing answers or know the contents thereof and that each and all of said answers are in all respects true.

Signed by Thomas M. Huber Pres.

Subscribed and sworn to before me this 29 day of October, 1966

Notary Public

SEAL

## PAYROLL AFFIDAVITS

1. AFFIDAVIT FOR AN AGENT. The affidavit for an agent to accompany the first payroll report shall be in substantially the following form:

I, \_\_\_\_\_ (Affiant), hereby certify  
that \_\_\_\_\_ (Agent) \_\_\_\_\_ (Title)  
pays or supervises the paying of the employees of \_\_\_\_\_  
\_\_\_\_\_, on the following project for the City of Seattle,  
\_\_\_\_\_  
(Name of Project)

Ordinance No. \_\_\_\_\_, and is in a position to have full knowledge of the facts set forth in the affidavit respecting the payment of wages of employees working on the project herein mentioned.

\_\_\_\_\_, (Affiant)  
Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_

\_\_\_\_\_  
Notary Public

If the agent is changed, a new affidavit will be required.

2. PAYROLL AFFIDAVIT. The affidavit accompanying each payroll report shall be in substantially the following form:

I, \_\_\_\_\_ (Affiant) \_\_\_\_\_ (Title),  
hereby certify that I pay or supervise the payment of the persons employed by  
\_\_\_\_\_, (Contractor), on the following project  
for the City of Seattle \_\_\_\_\_,  
Ordinance No. \_\_\_\_\_.

That the attached payroll sets out accurately and completely the name, occupation, hourly wage rate, total number of hours worked and the full weekly wages earned, of each person employed on the above project for the weekly payroll period from the \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_, to the \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_;

That no laborer, workman or mechanic employed on the above project has been paid less than the prevailing rate of wage or less than the minimum rate of wage specified in the contract;

That no rebates have been made either directly or indirectly to or on behalf of said Contractor from the full weekly wages earned as set out on the attached payroll and that the full amount due has been paid.

\_\_\_\_\_  
Signature of Affiant

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_.

\_\_\_\_\_  
Notary Public

The City Comptroller will withhold payment on all estimates of work performed by the Contractor under this contract until all payroll reports of said Contractor for work performed have been filed with the Secretary of the Board of Public Works.

NON-COLLUSION AFFIDAVIT

STATE OF WASHINGTON )  
COUNTY OF...*King*..... ) ss.

...*Thomas N. Huber*....., being first  
*General Plugs at West Parkings of Pend Oreille*  
duly sworn on his oath says. *Miner & Metal Co. at Metaline Falls, Id.*  
that the bid above submitted is a genuine and not a sham or collusive bid, or  
made in the interest or on behalf of any person not therein named; and he further  
says that the said bidder has not directly or indirectly induced or solicited any  
bidder on the above work or supplies to put in a sham bid, or any other person or  
corporation to refrain from bidding; and that said bidder has not in any manner  
sought by collusion to secure to .....*my*..... self an advantage  
over any other bidder or bidders.

*Austin Drilling & Exploration Co, Inc*  
*by Thomas N. Huber Pres.*  
(Contractor)

Subscribed and sworn to before me this...*7<sup>th</sup>*...day of...*October*..., 19*66*..

.....*W. H. Huber*.....  
Notary Public in and for the State of Washington, residing  
at...*Seattle*.....

MINIMUM WAGE RATES - PEND OREILLE COUNTY

Furnished for City of Seattle Department of Lighting by Industrial Relations Division Department of Labor and Industries State of Washington.

Attention is called to the fact that many of the crafts have Fringe Benefits such as Health and Welfare, Pension and Vacation Plans which must be paid in addition to the hourly wage rate listed.

Sole responsibility falls upon the Contractor to ascertain for himself the amount of such benefits.

January 10, 1966

| <u>Job Classification</u>               | <u>Per Hour</u>                                                   |
|-----------------------------------------|-------------------------------------------------------------------|
| <u>ASBESTOS WORKERS:</u> (As of 8/1/65) |                                                                   |
| Asbestos Workers, Journeyman            | \$ 4.81                                                           |
| Asbestos Workers, Improvers:            |                                                                   |
| 1st year - 60% of Journeyman Rate       |                                                                   |
| 2nd year - 70% of Journeyman Rate       |                                                                   |
| 3rd year - 80% of Journeyman Rate       |                                                                   |
| 4th year - 90% of Journeyman Rate       |                                                                   |
| <u>Fringe Benefits:</u>                 |                                                                   |
| Health & Welfare                        | 13 cents per hour                                                 |
| Pension Fund                            | 20 cents                                                          |
| Vacation Pay                            | 25 cents (10¢ paid by employer, 15¢ deducted from Employees Wage) |
| <u>BOILERMAKERS:</u> (As of 10/25/65)   |                                                                   |
| Foreman                                 | 5.45                                                              |
| Assistant Foreman (Leadman)             | 5.20                                                              |
| Boilermaker - Blacksmith                | 4.95                                                              |
| Boilermaker - Blacksmith Helper         | 4.65                                                              |
| <u>Fringe Benefits:</u>                 |                                                                   |
| Health & Welfare                        | 10 cents per hour                                                 |
| Pension                                 | 20 cents per hour                                                 |
| Vacation                                | 15 cents per hour                                                 |
| Apprenticeship                          | 1 cent per hour                                                   |

| <u>Job Classification</u>            | <u>Per Hour</u> |
|--------------------------------------|-----------------|
| <b>BRICKLAYERS:</b> (As of 1/1/66)   |                 |
| Bricklayer                           | \$ 5.16         |
| Stone Mason & Marble Mason (Outside) | 5.16            |
| Blocklayer                           | 5.16            |
| Marble Mason (Inside)                | 4.86            |
| Cleaners, Caulkers & Pointers        | 5.16            |

Working Foreman shall receive a minimum of 25¢ over the hourly wage rate of particular classification.

Fringe Benefits:

Health & Welfare 15 cents

**CARPENTERS:** (As of 6/1/65)

|                                                       |      |
|-------------------------------------------------------|------|
| Carpenter                                             | 4.32 |
| Sawfiler, Stationary Power Woodworking Tool operators |      |
| Floorlayer, Floorfinisher, Floorsander                | 4.47 |
| Shingler (Wood and Composition)                       | 4.52 |
| Millwrights and Machine Erectors                      | 4.52 |

When a workman is required to wear a full face mask with remote air or filter, he shall receive 25¢ per hour additional for such work.

Riggers, burners and welders shall be paid according to classification in which working. When certification tests are required, the time for the cost of the test will be paid by Employer.

Employees in Boatswain Chairs, safety belt used in lieu of a boatswain chair and swinging suspended scaffold shall receive 25¢ per hour over the Journeyman scale.

Foreman shall receive at least 40¢ per hour above the highest paid Journeyman working under him. Any workman covered by this Agreement shall be under the supervision of a Foreman of his crafts, except when only one Journeyman is employed.

|                                        |      |
|----------------------------------------|------|
| Pile driver                            | 4.47 |
| Boom Men                               | 4.57 |
| Piledrive (Working creosoted Material) | 4.57 |

Fringe Benefits:

|                            |          |
|----------------------------|----------|
| Health & Welfare           | 15 cents |
| Pension Fund               | 10 cents |
| Apprentice &<br>Journeyman | 1 cent   |
| Industry Fund              | 1 cent   |

| <u>Job Classification</u>                                                                                                                                                                                                                                                         | <u>Per Hour</u>   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b><u>CEMENT MASONS:</u></b> (As of 6/1/65)                                                                                                                                                                                                                                       |                   |
| Journeyman Cement Mason (includes but not limited to<br>rodding, tamping, floating, troweling, patching, stoning,<br>rubbing, screed setting, exposed aggregate finishing,<br>and curing compound application.                                                                    | \$ 4.28           |
| Power Troweling Machine, troweling magnesite or other<br>material with Oxichloride Base Power Machine & Power<br>Tool Operator                                                                                                                                                    | 4.43              |
| Guniting Operator                                                                                                                                                                                                                                                                 | 4.43              |
| <u>Foreman:</u> The minimum rate for foremen shall not be less than<br>30¢ per hour above the journeyman rate or above the<br>majority of classifications under his supervision. On<br>a shift job when two masons are employed on each<br>shift, one shall be appointed Foreman. |                   |
| When working on swinging scaffold or boatswain chair, masons shall<br>be paid 25¢ per hour over the classification of work assigned.<br>Note - All swinging scaffolds using rope must have block and<br>tackles or the mechanical driven devices.                                 |                   |
| <u>Fringe Benefits:</u>                                                                                                                                                                                                                                                           |                   |
| Health & Welfare                                                                                                                                                                                                                                                                  | 20 cents per hour |
| Pension Fund                                                                                                                                                                                                                                                                      | 10 cents per hour |
| Industry Fund                                                                                                                                                                                                                                                                     | 1 cent            |

Schedule A

**CONSTRUCTION ELECTRICIANS:** (As of 4/1/65)

**WOOD POLE TRANSMISSION AND DISTRIBUTION LINES:**

|                          |      |
|--------------------------|------|
| Cable Splicer Foreman    | 5.61 |
| Cable Splicer            | 5.23 |
| Line Crew Foreman        | 5.23 |
| Journeyman Lineman       | 4.72 |
| Pole Sprayer             | 4.72 |
| Heavy Line Equipment man | 4.72 |
| Line Equipment man       | 4.21 |
| Head Groundman           | 3.72 |
| Powderman                | 3.72 |
| Jackhammerman            | 3.72 |
| Groundman                | 3.51 |
| Hole Digger              | 3.44 |

Job Classification Per Hour  
Schedule A (Continued)  
CONSTRUCTION ELECTRICIANS (Continued)  
WOOD POLE TRANSMISSION AND DISTRIBUTION LINES (Continued)

Apprentice Lineman:

1st 6 Months - 75.5% of Journeyman Rate  
2nd 6 Months - 77.8% of Journeyman Rate  
3rd 6 Months - 82.1% of Journeyman Rate  
4th 6 Months - 85.7% of Journeyman Rate  
5th 6 Months - 89.8% of Journeyman Rate  
6th 6 Months - 92.8% of Journeyman Rate

|                          |         |
|--------------------------|---------|
| Tree Trimming Foreman    | \$ 4.88 |
| Tree Trimmer             | 4.21    |
| Head Groundman (Chipper) | 3.72    |
| Tree Trimmer Helper      | 3.51    |

Note: The rate for Apprentices in Schedules "A", "B" and "C" is computed on the basis of a comparison of their rate of "Journeyman" Linemen rates with ten cents (10¢) per hour health and welfare included in rates.

Schedule B

STEEL TOWER TRANSMISSION LINES AND STEEL SUBSTATIONS:

|                             |      |
|-----------------------------|------|
| Foreman                     | 5.23 |
| Lineman (Erection and Wire) | 4.72 |
| Lineman (Assembly)          | 4.21 |
| Heavy Line Equipment Man    | 4.72 |
| Line Equipment Man          | 4.21 |
| Head Groundman              | 3.72 |
| Groundman                   | 3.51 |
| Welder (Certified)          | 4.72 |
| <u>Apprentice Lineman:</u>  |      |

1st 6 Months - 75.5% of Journeyman Rate  
2nd 6 Months - 77.8% of Journeyman Rate  
3rd 6 Months - 82.1% of Journeyman Rate  
4th 6 Months - 85.7% of Journeyman Rate  
5th 6 Months - 89.8% of Journeyman Rate  
6th 6 Months - 92.8% of Journeyman Rate

WAGE RATES  
PEND OREILLE COUNTY  
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| <u>Job Classification</u> | <u>Per Hour</u> |
|---------------------------|-----------------|
|---------------------------|-----------------|

Schedule C

TELEPHONE LINE CONSTRUCTION, EQUIPMENT INSTALLATION  
AND TREE TRIMMING: (As of 4/1/65)

|                                                               |         |
|---------------------------------------------------------------|---------|
| Foreman                                                       | \$ 4.16 |
| Cable Splicer                                                 | 4.16    |
| C. O. Installer                                               | 4.16    |
| <u>Apprentice Cable Splicer or C. O. Equipment Installer:</u> |         |

- 1st 6 Months - 71.0% of Cable Splicer or Installer Rate
- 2nd 6 Months - 72.7% of Cable Splicer or Installer Rate
- 3rd 6 Months - 76.3% of Cable Splicer or Installer Rate
- 4th 6 Months - 80.0% of Cable Splicer or Installer Rate
- 5th 6 Months - 83.4% of Cable Splicer or Installer Rate
- 6th 6 Months - 85.9% of Cable Splicer or Installer Rate
- 7th 6 Months - 90.7% of Cable Splicer or Installer Rate
- 8th 6 Months - 95.2% of Cable Splicer or Installer Rate

|                                             |      |
|---------------------------------------------|------|
| Installer Repairman                         | 3.96 |
| Lineman                                     | 3.85 |
| Pole Sprayer                                | 3.85 |
| Powderman, Jackhammerman and Head Groundman | 3.35 |
| Groundman                                   | 2.96 |
| Hole Digger                                 | 2.91 |

Apprentice Lineman:

- 1st 6 Months - 76.8% of Lineman Rate
- 2nd 6 Months - 78.7% of Lineman Rate
- 3rd 6 Months - 82.6% of Lineman Rate
- 4th 6 Months - 86.6% of Lineman Rate
- 5th 6 Months - 90.2% of Lineman Rate
- 6th 6 Months - 93.0% of Lineman Rate

|                          |      |
|--------------------------|------|
| Tree Trimming Foreman    | 4.05 |
| Tree Trimmer             | 3.74 |
| Tree Trimmer Helper      | 2.96 |
| Head Groundman (Chipper) | 3.35 |

No Registered Tree Trimming Apprentices in Washington per Apprenticeship Division, April 23, 1963.

Fringe Benefits:

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| Health & Welfare | 10 cents per hour in addition to wages shown in Schedules A, B and C paid by employer |
|------------------|---------------------------------------------------------------------------------------|

| <u>Job Classification</u>                                  | <u>Per Hour</u> |
|------------------------------------------------------------|-----------------|
| <u>Schedule C (Continued)</u>                              |                 |
| <u>TELEPHONE LINE CONSTRUCTION, EQUIPMENT INSTALLATION</u> |                 |
| <u>AND TREE TRIMMING (Continued)</u>                       |                 |

Fringe Benefits (Continued)

|                                   |                                                                                                      |
|-----------------------------------|------------------------------------------------------------------------------------------------------|
| National Electrical Benefit Fund: | 1 per cent of gross payroll paid to employees in the bargaining agreement covered by this agreement. |
| Apprenticeship Training Fund:     | 1/2 of 1% (0.5%) of gross productive payroll to be paid by employers.                                |

ELECTRICAL WORKERS: (As of 1/1/66)

|                                                                                                                                                |         |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Journeyman Wireman                                                                                                                             | \$ 4.72 |
| Journeyman Technician                                                                                                                          | 4.72    |
| Journeyman Lead-Covered-Cable Splicer, when required to splice with lead or other materials requiring comparable special skills and experience | 5.12    |
| General Foreman                                                                                                                                | 5.52    |
| Foreman                                                                                                                                        | 5.12    |
| <u>Apprentices:</u>                                                                                                                            |         |
| 1st 6 Months - 50%                                                                                                                             | 2.36    |
| 2nd 6 Months - 55%                                                                                                                             | 2.60    |
| Second Year - 60%                                                                                                                              | 2.83    |
| Third Year - 70%                                                                                                                               | 3.30    |
| Fourth Year - 80%                                                                                                                              | 3.78    |
| Fifth Year - 90%                                                                                                                               | 4.25    |

Fringe Benefits:

|                                  |                   |
|----------------------------------|-------------------|
| Health & Welfare                 | 15 cents per hour |
| National Electrical Benefit Fund | 1% of gross wages |

GLAZIERS:

|                         |      |
|-------------------------|------|
| Glaziers (As of 1/1/66) | 4.00 |
| Glaziers (As of 7/1/66) | 4.10 |

Fringe Benefits:

Vacation of two weeks or 17 cents per hour  
Paid Holidays - 6 guaranteed or 10 cents per hour

IRONWORKERS: (As of 7/21/65)

|                                    |      |
|------------------------------------|------|
| Structural Ironworkers             | 4.85 |
| Ornamental Ironworkers             | 4.85 |
| Machinery Mover, Machinery Erector | 4.85 |

WAGE RATES  
PEND OREILLE COUNTY  
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| <u>Job Classification</u>                                                                                                                                                                                                                  | <u>Per Hour</u> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <u>IRONWORKERS</u> (Continued)                                                                                                                                                                                                             |                 |
| Riggers and Signalmen                                                                                                                                                                                                                      | \$ 4.85         |
| Welders and Burners                                                                                                                                                                                                                        | 4.85            |
| Fence Erectors                                                                                                                                                                                                                             | 4.85            |
| Sheeters                                                                                                                                                                                                                                   | 4.85            |
| Reinforcing Ironworkers                                                                                                                                                                                                                    | 4.65            |
| Foreman with three ironworkers or less under him not less than 25¢ per hour over journeyman rate ; with four Ironworkers or more under him not less than 50¢ per hour over journeyman rate.                                                |                 |
| <u>Apprentice:</u>                                                                                                                                                                                                                         |                 |
| 80% of Journeyman Ironworker Rate (1st year)                                                                                                                                                                                               |                 |
| 90% of Journeyman Ironworker Rate (2nd year)                                                                                                                                                                                               |                 |
| 95% of Journeyman Ironworker Rate (3rd year)                                                                                                                                                                                               |                 |
| When the work requires that a full face mask with remote air filter be worn by an Ironworker, 25¢ per hour above journeyman scale worked shall be paid in two (2) hour increments in which this condition is required of such Ironworkers. |                 |
| <u>Fringe Benefits:</u>                                                                                                                                                                                                                    |                 |
| Health & Welfare                                                                                                                                                                                                                           | 20 cents        |
| Pension Fund                                                                                                                                                                                                                               | 10 cents        |
| Apprentice Fund                                                                                                                                                                                                                            | 1 cent per hour |
| <u>LABORERS:</u> (As of 4/1/65)                                                                                                                                                                                                            | 3.35            |
| (As of 4/1/66)                                                                                                                                                                                                                             | 3.40            |

Group I

Carpenter Tender  
Choker Setter  
Chuck Tender  
Concrete Crewman  
Corrugated Metal Culvert Pipe Layer  
Crusher Feeder  
Demolition Laborer \* including Salvaging all material, loading, cleaning up, wrecking and burning.  
Driller Helper  
Dumpman

\* Not to be carried in Wage Predetermination or on payroll sheet

| <u>Job Classification</u> | <u>Per Hour</u> |
|---------------------------|-----------------|
|---------------------------|-----------------|

LABORERS (Continued)

Group I (Continued)

Flagman  
 Fence Erector and Installer \* includes installation and erection  
     of fences, guard rails, median rails, reference posts,  
     guide posts sign posts and right-of-way markers  
 Form Stripper  
 General Laborer  
 Mucker (Open Ditch) Applying Concrete Curing Compounds  
 Nipper  
 Pumpcrete Crewman (Distribution, Assemble, Dismantle)  
 Railroad Track Laborer  
 Riprap Man  
 Scale Man  
 Stake Jumper  
 Structural Mover \* includes foundation separation, preparation,  
     cribbing, shoring, jacking and unloading of structures.  
 Slip Form Jack Operator (Manual)  
 Tailhose Man, Water Nozzle  
 Timber Bucker and Faller  
 Truck Loader

\* Not to be carried in Wage Predetermination or on payroll sheet

|                     |                |    |      |
|---------------------|----------------|----|------|
| <u>Group No. II</u> | (As of 4/1/65) | \$ | 3.50 |
|                     | (As of 4/1/66) |    | 3.55 |

Air, Steam, Water Nozzleman  
 Cement Handler  
 Cement Finisher Tender  
 Demolition Torch Operator  
 Dope Pot Fireman, Non-Mechanical  
 Form Cleaning Machine. Feeder and Stacker  
 Grade Checker (Optional) (Using Level)  
 Mechanical Railroad Equipment \* includes spiker, puller, tie  
     cleaner, tamper  
 Paving Form Setter  
 Pipe Wrapper  
 Pot Tender  
 Powderman Helper  
 Power Driven Wheelbarrow

WAGE RATES  
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| <u>Job Classification</u>                                                                   | <u>Per Hour</u> |
|---------------------------------------------------------------------------------------------|-----------------|
| <u>LABORERS</u> (Continued)                                                                 |                 |
| <u>Group No. II</u> (Continued) (As of 4/1/65)                                              | \$ 3.50         |
| (As of 4/1/66)                                                                              | 3.55            |
| Power Tool Operator, Gas, Electric or Pneumatic                                             |                 |
| Sandblast Tail Hose Man                                                                     |                 |
| Scaffold Erector, Steel or Wood                                                             |                 |
| Rod and Spreader                                                                            |                 |
| Well Point Man                                                                              |                 |
| Vibrator Operator up to 4"                                                                  |                 |
| * Not to be carried in Wage Predetermination or on payroll sheet                            |                 |
| <u>Group No. III</u> (As of 4/1/65)                                                         | 3.60            |
| (As of 4/1/66)                                                                              | 3.65            |
| Asphalt Raker                                                                               |                 |
| Asphalt Roller, Walking                                                                     |                 |
| Barco and Essex Tamper                                                                      |                 |
| Chain Saw Operator, with Attachments                                                        |                 |
| Concrete Saw, Walking                                                                       |                 |
| Creosote Material Handler * Corrosive Enamel or equal                                       |                 |
| High Scaler                                                                                 |                 |
| Jackhammer Operator                                                                         |                 |
| Multi-Section Pipe Layer                                                                    |                 |
| Pavement Breaker Operator                                                                   |                 |
| Vibrator 4" and Over                                                                        |                 |
| Water Pipe Liner                                                                            |                 |
| Shawnee Trencher, Walking                                                                   |                 |
| Wagon Drills                                                                                |                 |
| <u>Group No. IV</u> (As of 4/1/65)                                                          | 3.65            |
| (As of 4/1/66)                                                                              | 3.70            |
| Non-Metallic Clay and Concrete Pipe Layer                                                   |                 |
| * Including Caulker, Collarman, Jointer, Mortarman,<br>Rigger and Jacker, Shorer and Lagger |                 |
| * Not to be carried in Wage Predetermination or on payroll sheet                            |                 |

| <u>Job Classification</u>                                                                                                                                                        |                                       | <u>Per Hour</u>            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------|
| <u>LABORERS (Continued)</u>                                                                                                                                                      |                                       |                            |
| <u>Group No. V</u>                                                                                                                                                               | (As of 4/1/65)                        | \$ 3.70                    |
|                                                                                                                                                                                  | (As of 4/1/66)                        | 3.75                       |
| Mortar Mixer and Hod Carriers, Laborers when working<br>on free standing concrete stacks for smoke or fume<br>control above 40 feet                                              |                                       |                            |
| <u>Group No. VI</u>                                                                                                                                                              | (As of 4/1/65)                        | 3.75                       |
|                                                                                                                                                                                  | (As of 4/1/66)                        | 3.80                       |
| Cassion Worker, free air                                                                                                                                                         |                                       |                            |
| <u>Group No. VII</u>                                                                                                                                                             | (As of 4/1/65)                        | 3.80                       |
|                                                                                                                                                                                  | (As of 4/1/66)                        | 3.85                       |
| Big Drills, Out of the Hole Drills 4-1/2" Piston or Larger<br>Down the Hole Drills 3-1/4" Pistor or Larger<br>Powderman<br>Gunnite Nozzleman and Machine Operator<br>Sandblaster |                                       |                            |
| <u>Group No. VIII</u>                                                                                                                                                            | ( Free Air) Tunnel and Shaft Laborers |                            |
|                                                                                                                                                                                  | <u>As of 4/1/65</u>                   | <u>As of 4/1/66</u>        |
| Brakeman                                                                                                                                                                         | \$ 3.45                               | 3.50                       |
| Bull Gang                                                                                                                                                                        | 3.40                                  | 3.45                       |
| Chuck Tender                                                                                                                                                                     | 3.45                                  | 3.50                       |
| Concrete Nozzleman                                                                                                                                                               | 3.85                                  | 3.90                       |
| Dumpman                                                                                                                                                                          | 3.45                                  | 3.50                       |
| Pump Crete Crewman (Distribute,<br>Assemble, Dismantle)                                                                                                                          | 3.40                                  | 3.45                       |
| Miner                                                                                                                                                                            | 3.85                                  | 3.90                       |
| Nipper                                                                                                                                                                           | 3.40                                  | 3.45                       |
| Raise and Shaft Miner                                                                                                                                                            | 3.90                                  | 3.95                       |
| <u>Fringe Benefits:</u>                                                                                                                                                          |                                       |                            |
|                                                                                                                                                                                  | <u>As of April 1. 1965</u>            | <u>As of April 1, 1966</u> |
| Health & Welfare                                                                                                                                                                 | 12 cents per hour                     | 15 cents per hour          |
| Pension Fund                                                                                                                                                                     | 10 cents per hour                     | 15 cents per hour          |
| Industry Fund                                                                                                                                                                    | 1 cent per hour                       | 1 cent per hour            |

WAGE RATES  
PEND OREILLE COUNTY  
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| <u>Job Classification</u>                                                                                                                    | <u>Per Hour</u> |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <u>LATHERS:</u> (As of 6/1/65)                                                                                                               | \$ 4.54         |
| Lathers                                                                                                                                      |                 |
| The foreman shall receive a minimum of 12-1/2 cents per hour above the journeyman rate.                                                      |                 |
| Lathers shall receive (25¢) twenty-five cents per hour over Lathers scale when working on a swinging scaffold or from a boatswain chair      |                 |
| <u>Fringe Benefits:</u>                                                                                                                      |                 |
| Health & Welfare 15 cents                                                                                                                    |                 |
| <u>CARPET, LINOLEUM AND SOFT TILE LAYERS:</u> (As of 12/1/65)                                                                                | 4.05            |
| Carpet, Linoleum and Soft Tile Layers                                                                                                        |                 |
| <u>Fringe Benefits:</u>                                                                                                                      |                 |
| Health & Welfare 12 cents                                                                                                                    |                 |
| <u>MARBLE MASONS:</u> See Bricklayers                                                                                                        |                 |
| <u>PAINTERS:</u> (As of 8/1/65)                                                                                                              | 4.22            |
| Painters - Brush                                                                                                                             | 4.47            |
| Spray Painter or Sandblaster                                                                                                                 | 4.47            |
| Steel Painter, Steam Cleaner Acid Etching                                                                                                    | 4.57            |
| Swing Stage or High Rate (Over 30')                                                                                                          | 4.24            |
| Drywall Taper                                                                                                                                | 4.67            |
| Bridges, Towers, Stacks, Steeples                                                                                                            | 4.47            |
| Roller Over 9' or 10' handle                                                                                                                 |                 |
| <u>Fringe Benefits:</u>                                                                                                                      |                 |
| Health & Welfare 13 cents per hour                                                                                                           |                 |
| Pension Fund 10 cents                                                                                                                        |                 |
| Industry Fund 1 cent                                                                                                                         |                 |
| <u>PLASTERERS:</u> (As of 6/1/65)                                                                                                            | 4.54            |
| Plasterers                                                                                                                                   |                 |
| The foreman shall receive 25¢ per hour over the journeyman rate. Overtime rates to correspond to that of journeymen.                         |                 |
| Plasterers shall be paid (25¢) twenty-five cents per hour over plasterers rates when working on swinging scaffold or from a boatswain chair. |                 |

| <u>Job Classification</u>                                         | <u>Per Hour</u>                          |
|-------------------------------------------------------------------|------------------------------------------|
| <u>PLASTERERS (Continued)</u>                                     |                                          |
| <u>Fringe Benefits:</u>                                           |                                          |
| Health & Welfare 15 cents                                         |                                          |
| <u>PLUMBERS &amp; STEAM FITTERS: (As of 1/1/66)</u>               |                                          |
| Plumbers                                                          | \$ 4.83                                  |
| Foreman - 40 cents per hour over Journeyman                       |                                          |
| General Foreman - 65 cents per hour over Journeyman               |                                          |
| General Foreman - 90 cents per hour over Journeyman               |                                          |
| <u>Fringe Benefits:</u>                                           |                                          |
| Health & Welfare 21 cents per hour                                |                                          |
| Pension Fund 21 cents per hour                                    |                                          |
| Vacation Fund 21 cents per hour                                   |                                          |
| Journeyman & Apprentice Training 02 cents                         |                                          |
| Employers Trust 02 cents                                          |                                          |
| **** <u>OPERATING ENGINEERS (See Page 13)</u>                     |                                          |
| <u>ROOFERS: (As of 7/1/65)</u>                                    |                                          |
| Journeyman, Waterproofer and Kettlemen                            | 4.20                                     |
| <u>Fringe Benefits:</u>                                           |                                          |
| No Fringe Benefits                                                |                                          |
| <u>SHEET METAL WORKERS:</u>                                       |                                          |
|                                                                   | <u>As of 11/1/65</u> <u>As of 5/1/66</u> |
| Journeyman (Includes 17 cents vac. pay)                           | \$ 4.64 4.89                             |
| Foreman (Includes 19 eents vac. pay)                              | 5.10 5.38                                |
| General Foreman (Includes 20 cents vac. pay)                      | 5.57 5.87                                |
| <u>Fringe Benefits:</u>                                           |                                          |
| Health & Welfare 15 cents (To be increased to 17 cents on 5/1/66) |                                          |
| Pension Fund 20 cents                                             |                                          |
| <u>STONE MASONS: (See Bricklayers)</u>                            |                                          |

WAGE RATES  
PEND OREILLE COUNTY  
PAGE 13

| <u>Job Classification</u>                                                                                       | <u>Per Hour</u> |
|-----------------------------------------------------------------------------------------------------------------|-----------------|
| <u>TERRAZZO WORKERS:</u> (As of 7/1/65)                                                                         |                 |
| Terrazzo Workers                                                                                                | \$ 4.65         |
| Working foreman shall receive a minimum of 25 cents over the hourly wage rate of his particular classification. |                 |
| <u>Fringe Benefits:</u>                                                                                         |                 |
| Health & Welfare 15 cents                                                                                       |                 |
| <u>TILE SETTERS:</u> (As of 4/1/65)                                                                             | 4.54            |
| (As of 4/1/66)                                                                                                  | 4.66            |
| Tile Setters                                                                                                    |                 |
| Working Foreman shall receive a minimum of 25 cents over the hourly wage rate of his particular classification. |                 |
| <u>Fringe Benefits:</u>                                                                                         |                 |
| Health & Welfare 15 cents                                                                                       |                 |
| <u>TILE, MARBLE, OR TERRAZZO HELPERS:</u> (As of 4/1/65)                                                        | 3.65            |
| (As of 5/1/66)                                                                                                  | 3.90            |
| Helpers                                                                                                         |                 |
| <u>Fringe Benefits:</u>                                                                                         |                 |
| Health & Welfare 15 cents as of 4/1/65                                                                          |                 |
| 15 cents as of 5/1/66                                                                                           |                 |
| <u>OPERATING ENGINEERS:</u> Universal Equipment (To 6/1/66)                                                     |                 |
| Whirleys & Hammerheads, All                                                                                     | 5.05            |
| Backhoes, 3 yards and over                                                                                      | 5.05            |
| Backhoes, Under 3 yards                                                                                         | 4.80            |
| Cableway Operators, 65 Tons and over                                                                            | 5.05            |
| Cableway Operators, Under 65 tons                                                                               | 4.80            |
| Clamshell Operator, 3 yards and over                                                                            | 5.05            |
| Clamshell Operator, Under 3 yards                                                                               | 4.80            |
| Cranes, 65 Tons and over                                                                                        | 5.05            |
| Cranes, Under 65 Tons                                                                                           | 4.80            |
| Derricks & Stifflegs, 65 Tons and over                                                                          | 5.05            |
| Derricks & Stifflegs, Under 65 Tons                                                                             | 4.80            |
| Draglines, 3 Yards and over                                                                                     | 5.05            |
| Draglines, Under 3 Yards                                                                                        | 4.80            |
| Mucking Machines and Piledriving Engineers                                                                      | 4.80            |
| Shovels, 3 Yards and over                                                                                       | 5.05            |
| Shovels, Under 3 Yards                                                                                          | 4.80            |
| Signal Men, Whirleys, Highline, Hammerhead and similar                                                          | 4.80            |

| <u>Job Classification</u>                                                                                | <u>Per Hour</u> |
|----------------------------------------------------------------------------------------------------------|-----------------|
| <u>OPERATING ENGINEERS (Continued)</u>                                                                   |                 |
| <u>Asphalt Paving</u>                                                                                    |                 |
| Asphalt Plant Operator                                                                                   | 4.50            |
| Pavers & Spreaders, Adun, Yeager, Barber, Green, etc.                                                    | 4.35            |
| Screed Operator                                                                                          | 4.35            |
| Rollerman, Finishing Pavement                                                                            | 4.35            |
| Power Broom                                                                                              | 4.25            |
| Assistant Plant Operator, Firemen or pugmixer                                                            | 4.25            |
| Spreader Box, Self-propelled                                                                             | 4.05            |
| Distributor Leverman                                                                                     | 4.05            |
| Roller, all types subgrade or compacting or vibrator,<br>except when pulled by dozer with operable blade | 3.95            |
| <u>Concrete and Aggregate Equipment</u>                                                                  |                 |
| Paver, Dual Drum                                                                                         | 4.80            |
| Batch & Wet Mix Operator, multiple units                                                                 | 4.80            |
| Crusher & Screening Plant Operator                                                                       | 4.50            |
| Paver                                                                                                    | 4.50            |
| Traverse Finishing Machine, Airport                                                                      | 4.50            |
| Spreader Machine, Airport                                                                                | 4.50            |
| Grout Pump                                                                                               | 4.50            |
| Pumpcrete                                                                                                | 4.50            |
| Mixermobile                                                                                              | 4.50            |
| Traverse Finishing Machine, Highway                                                                      | 4.35            |
| Spreader Machine, Highway                                                                                | 4.35            |
| Batch & Wet Mix Operator                                                                                 | 4.25            |
| Mixer, Portable                                                                                          | 4.25            |
| Longitudinal Float                                                                                       | 4.25            |
| Belt Finishing Machine                                                                                   | 4.25            |
| Concrete Saw, Multiple Cut                                                                               | 4.25            |
| Spray Curing Machine                                                                                     | 4.25            |
| Cement Hog                                                                                               | 4.25            |
| Blower Operator, Cement                                                                                  | 4.25            |
| Loaders, Bucket Elevators & Conveyors                                                                    | 4.25            |
| Bagley or Stationary Scraper                                                                             | 4.25            |
| Pavement Breaker, Hydrahammer & similar                                                                  | 4.25            |
| Crusher Feeder, Mechanical                                                                               | 3.95            |

| <u>Job Classification</u>                                                                       | <u>Per Hour</u> |
|-------------------------------------------------------------------------------------------------|-----------------|
| <u>OPERATING ENGINEERS (Continued)</u>                                                          |                 |
| <u>Grading Equipment</u>                                                                        |                 |
| Rubber tired scrapers, Multiple propulsion power units<br>with three or more scrapers           | \$ 5.05         |
| Rubber tired scrapers multiple propulsion power unit<br>with two scrapers                       | 4.80            |
| Quad-track or similar equipment                                                                 | 4.80            |
| Rubber tired scrapers multiple propulsion power with one<br>scraper (Euclid, TS-24 and similar) | 4.65            |
| Single power with two scraper (LeTourneau Tandem B &<br>similar)                                | 4.65            |
| Blade, Motor Patrol, incl. Attach                                                               | 4.50            |
| Rubber tired scrapers - one motor with one scraper<br>(Tournapulls, DW-20, 21 and similar R/T)  | 4.50            |
| Tractor, Crawler incl. dozer, scraper, drills, booms, etc.                                      | 4.50            |
| Belt Loader - KoCal & similar                                                                   | 4.50            |
| Tractor R/T farm type W/attach. except Backhoe                                                  | 4.25            |
| Grade Checker, Optional with Contractor                                                         | 3.95            |
| <u>Service Personnel</u>                                                                        |                 |
| Mechanic or Welder, Heavy Duty                                                                  | 4.60            |
| Oiler & Cable Tender, Mucking Machine                                                           | 4.25            |
| Helper, Mechanic or Welder, H. D.                                                               | 3.95            |
| Serviceman, Greaser & Oiler                                                                     | 4.20            |
| Oilers, All other equipment                                                                     | 3.95            |
| Welding Machines                                                                                | 3.95            |
| <u>Pipeline Personnel Not Covered by National Agreement</u>                                     |                 |
| Trenching Machines, 7 ft. depth and over, F. R.                                                 | 4.80            |
| Trenching Machines, Under 7 ft. depth Capacity                                                  | 4.50            |
| Boom Cats                                                                                       | 4.50            |
| Backfillers, Cleveland/similar                                                                  | 4.50            |
| Cleaning and Doping Machines                                                                    | 4.50            |
| Bending Machines                                                                                | 4.25            |
| Gin Trucks                                                                                      | 4.25            |
| Dope Pots, Power Agitated                                                                       | 4.25            |

| <u>Job Classification</u>                                                                                                    | <u>Per Hour</u> |
|------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <u>OPERATING ENGINEERS (Continued)</u>                                                                                       |                 |
| <u>Miscellaneous Equipment</u>                                                                                               |                 |
| Loader - 360 degrees revolving (Koehring scooper or similar)                                                                 | \$ 5.05         |
| Loader Operator, front end & overhead, 4 yds and overhead                                                                    | 4.80            |
| Automatic Subgrader, ditches & trimmers (R. A. Hansen & similar)                                                             | 4.80            |
| A-Frame Truck, 2 or more drums                                                                                               | 4.50            |
| Locomotive Engineer, 20 Tons or over                                                                                         | 4.50            |
| Boring Machine, Earth or Rock, Joy Quarry-master and similar tractor drills                                                  | 4.50            |
| Drills, Chum, Core, Calyx or Diamond                                                                                         | 4.50            |
| Generator Plant Engineers, Diesel Electric                                                                                   | 4.50            |
| Refrigeration Plant Engineers                                                                                                | 4.50            |
| Hoist, 2 or more drums or tower hoist                                                                                        | 4.50            |
| Loader Operator, Front end/overhead Under 4 Yds. Y/T                                                                         | 4.50            |
| Boat                                                                                                                         | 4.25            |
| Post Hole Auger or Punch                                                                                                     | 4.25            |
| A-Frame Truck, Single Drum                                                                                                   | 4.25            |
| Compressor, 1000 cu. ft. or over or 2 or more                                                                                | 4.25            |
| Battery Tunnel Locomotive                                                                                                    | 4.25            |
| Hoist, Single Drum                                                                                                           | 4.25            |
| Hydralift, Fork lift/similar when hoisting straddle buggy (Ross & similar on Const. Jobsite)                                 | 3.95            |
| Compressor                                                                                                                   | 3.95            |
| Brakeman                                                                                                                     | 3.95            |
| Drillers Helper                                                                                                              | 3.95            |
| Deck Hand                                                                                                                    | 3.95            |
| Pump Man                                                                                                                     | 3.95            |
| Fireman and Heater Tender                                                                                                    | 3.95            |
| Note: R/T = Rubber Tired; F. R. = Factory Rating; / = and                                                                    |                 |
| Underground Work - 10% additional                                                                                            |                 |
| Craft foremen or shifters shall be paid 35 cents per hour over scale of highest paid Operating Engineer under his direction. |                 |
| <u>Schedule "B" (To 6/1/66)</u>                                                                                              |                 |
| Heavy Duty Mechanic                                                                                                          | 3.95            |
| Welder                                                                                                                       | 3.95            |
| Machine Tool Operator                                                                                                        | 3.95            |
| Mechanic's Helpers                                                                                                           | 3.40            |

| <u>Job Classification</u>                                | <u>Per Hour</u>   |
|----------------------------------------------------------|-------------------|
| <u>OPERATING ENGINEERS (Continued)</u>                   |                   |
| <u>Fringe Benefits: (As of 12/1/65)</u>                  |                   |
| Health & Welfare                                         | 15 cents per hour |
| Pension Fund                                             | 15 cents per hour |
| Apprentice Fund                                          | 1 cent per hour   |
| Industry Fund                                            | 1 cent per hour   |
| <u>TEAMSTERS: (To 6/1/66)</u>                            |                   |
| Ambulance Driver (when in operation)                     | \$ 3.95           |
| "A" Frame (Swedish Crane, Iowa 3000, Hydrolift)          | 4.25              |
| Buggy Mobile & similar                                   | 4.05              |
| Bulk Cement Tanker                                       | 4.05              |
| Bulk Cement Spreader                                     | 4.15              |
| Bus Driver or Manhaul Driver                             | 4.00              |
| Dumptor, 6 yds and under                                 | 4.15              |
| Dumptor, Over 6 yds                                      | 4.30              |
| Escort Driver                                            | 3.95              |
| Flat Bet Truck, single rear axle                         | 3.95              |
| Flat Bed Truck, dual rear axle                           | 4.00              |
| Flat Bed Truck, using power take off                     | 4.15              |
| Flaherty Spreader, Box Driver                            | 4.15              |
| Fork Lift, 3000 lbs & under                              | 3.95              |
| Fork Lift, Over 3000 lbs                                 | 4.15              |
| Service Greaser                                          | 4.20              |
| Fuel Truck Driver (steam cleaner & washer)               | 3.95              |
| Helper & Swamper                                         | 3.95              |
| Leverman Loading Trucks at Bunkers                       | 3.95              |
| Semi-Trailer, Low Bed, Truck & Trailer                   | 4.05              |
| Low-Boy, under 50 tons                                   | 4.15              |
| Low Boy, over 50 tons                                    | 4.30              |
| Straddle Carrier (Ross, Hyster & Similar)                | 4.05              |
| Oil Distributor Driver, road (bootman, leverman, helper) | 4.15              |
| Oil Tank Driver                                          | 4.05              |
| Pickup Hauling Material                                  | 3.95              |
| Power Operated Sweeper                                   | 4.05              |
| Rubber Tired Tunnel Jumbo                                | 4.15              |
| Stationary Fuel Operator                                 | 3.95              |
| Scissors Truck                                           | 4.15              |
| Slurry Truck Driver                                      | 4.15              |

| <u>Job Classification</u>                                                                                          | <u>Per Hour</u>                   |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <u>TEAMSTERS (Continued)</u>                                                                                       |                                   |
| <u>Transit Mixers &amp; Trucks Hauling Concrete</u>                                                                |                                   |
| 3 yds & under                                                                                                      | \$ 4.05                           |
| Over 3 yds to 6 yds                                                                                                | 4.15                              |
| 6 yds to 10 yds                                                                                                    | 4.30                              |
| 10 yds to 15 yds                                                                                                   | 4.45                              |
| 15 yds to 20 yds                                                                                                   | 4.60                              |
| Over 20 yds                                                                                                        | 4.75                              |
| <u>Trucks, Side, End and Bottom Dump</u>                                                                           |                                   |
| Under 6 yds                                                                                                        | 4.05                              |
| Over 6 yds to 12 yds                                                                                               | 4.15                              |
| Over 12 yds incl. 20 yds                                                                                           | 4.30                              |
| Over 20 yds incl. 30 yds                                                                                           | 4.45                              |
| Over 30 yds to 40 yds                                                                                              | 4.60                              |
| Over 40 yds                                                                                                        | 4.75                              |
| Tournarocker, D. W.'s & similar with 2 or 4 wheel power tractor with trailer or yardage scale whichever is greater | 4.50                              |
| Team Driver                                                                                                        | 3.95                              |
| Tireman No. 1                                                                                                      | 3.95                              |
| Tireman No. 2                                                                                                      | 4.15                              |
| Warehouseman                                                                                                       | 3.95                              |
| Water Tank Truck 1800 gal                                                                                          | 3.95                              |
| 1801 - 4000 gal                                                                                                    | 4.05                              |
| 4001 - 6000 gal                                                                                                    | 4.15                              |
| Over 6000 gal - 10¢ for each 2000 additional                                                                       | 4.25                              |
| Wrecker & Two Truck                                                                                                | 4.15                              |
| Truck-Tractor Pulling 2 Trailers                                                                                   | Add 10¢ to yardage scale          |
| Truck-Pulling Drop Trailer                                                                                         | Add 15¢ over scale                |
| Tractor (Small rubber tired pulling trailer or similar equipment)                                                  | 3.95                              |
| Foreman or Dispatcher                                                                                              | 25¢ over highest scale supervisor |
| Underground Work                                                                                                   | 10% additional                    |

Any equipment not listed will be negotiated at time of use.

If water tank is used on earth-moving equipment, regular equipment scale shall apply while in use as a water wagon.

TEAMSTERS (Continued)

When changing equipment, employee shall receive higher rate for entire shift.

When a Truck Dispatcher is used, he shall be a member of the Teamster's Union.

Fringe Benefits: (As of 8/1/65)

|                  |                   |
|------------------|-------------------|
| Health & Welfare | 23 cents per hour |
| Pension Fund     | 15 cents per hour |

SPECIFICATIONS

SECTION 1

GENERAL CONDITIONS

1. DESCRIPTION OF WORK AND LOCATION

The work to be performed shall consist of furnishing all labor, supervision, materials, supplies and equipment for constructing three tunnel plugs, No. 2, 3, and 4 as shown on Drawing No. D-19179, in the west workings of the Pend Oreille Mines and Metals Co. mine. The tunnels to be plugged are at the 1900 Elevation.

The mine is located adjacent to the Pend Oreille River near the town of Metaline Falls, Washington. The mine is approximately 90 miles north of Spokane, Washington and 10 miles from the International Boundary.

2. DRAWINGS

The following drawing is made a part of this contract:

D-19179      Tunnel Plugs - Pend Oreille Mines and Metal Co. - West  
Side Workings.

3. ADDRESSING CORRESPONDENCE

All correspondence pertaining to this work shall be addressed as follows:

Project Manager  
Boundary Project Office  
P. O. Box 507                      Spec. No. 1976  
Metaline Falls, Washington 99153

One copy of all such correspondence shall be mailed to:

Superintendent of Lighting  
1015 Third Avenue  
Seattle, Washington 98104

Attention: Mr. H. V. Strandberg      Spec. No. 1976  
Chief Engineer

4. LAYOUT OF WORK

The locations of all three tunnel plugs have been painted on the rock walls of the mine tunnels. The City will provide no additional layout.

5. UTILITIES

Compressed air and electricity, at 110 and 440 volts, will be available at sources near each plug location and will be furnished free of charge to the Contractor. Connections and extensions of the lines from the source shall be supplied and installed by the Contractor at his own expense. Water is available from a pool on the 1900 Elevation near the base of west side access shaft.

6. CONTRACT FOR THE PROJECT

All the parts, provisions and requirements of Specification No. 1976 together with the laws of the State of Washington and the Charter and ordinances of the City of Seattle, so far as applicable, together with such additional drawings as may be required during the progress of the work, shall constitute the Contract for the Project and shall be considered as a whole.

The Contract for the Project shall be held to cover any and all work, labor, implements and materials, and all special methods of construction that could reasonably be required properly and satisfactorily to complete the work indicated. The work shown on the drawings and not mentioned in the written specifications or vice versa shall be accomplished the same as if shown by both, and in case of conflict the written specifications shall govern.

7. MEANING OF TERMS

Whenever the term "Engineer" is used in these specifications, it shall be, and it is, understood to designate the Superintendent of Lighting of the City of Seattle, or his duly appointed assistants or inspectors limited by the particular duties entrusted to them. Whenever the words "City" and "Board of Public Works" are used herein, they shall be, and are, understood to designate the corporation of The City of Seattle, of which the Board of Public Works is the duly authorized agent. Whenever the word "Contractor" is used herein, it shall be, and is, understood to designate the party or parties contracting with The City to do the work described herein and to furnish materials therefor, or the duly authorized representatives of such party or parties. Whenever the word "contract" is used herein, it shall be, and is, understood to designate the Contract for the Project as defined above.

8. BIDDERS TO MAKE EXAMINATION - UNFORESEEN CONDITIONS

Bidders are required to read and examine carefully all the parts, provisions and requirements in the contract for the Project. The drawings show the location and

extent of the work and the profiles and other drawings show conditions as they are believed to exist, but it is not intended or inferred that the conditions shown constitute a representation by the City that such conditions are actually existent. The Contractor assumes the risk of unforeseen conditions and agrees to complete the work under whatever circumstances that may develop.

The bidders shall examine the location and surroundings of the proposed Project and judge for themselves the nature of the work to be accomplished, the proper method of doing the work, and all conditions affecting performance. The Contractor agrees that he has satisfied himself by his own investigation and research regarding all conditions and that his conclusion to enter into the proposed contract is based upon such investigation, and that he will make no claim against the City because of any of the estimates, tests, or representations of any kind affecting the work made by any officer or agent of the City which may prove to be in any respect erroneous.

9. QUANTITIES FURNISHED TO BIDDERS

Quantities listed in the proposal are for the purpose of comparing bids only and may be increased or diminished. Payment shall be made only for the actual quantities included in the finished work measured as hereinafter specified, and at prices stated in the bid, provided, however, that no payment shall be made for unauthorized work or material not shown on the drawings or specified.

10. CONTRACT - WHEN TO TAKE EFFECT

The contract for this improvement shall not take effect or be in force until the approval of the Contractor's bond by the Mayor and the City Comptroller, and until same shall be filed with the City Comptroller as required by law.

11. ASSIGNMENT OF CONTRACT

No assignment of the moneys to become due under this contract shall be made without the written approval of the Contractor's bondsmen and the consent of the Board of Public Works being first obtained and endorsed thereon. Such assignment, however, shall not release the Contractor or his sureties from any obligations or liabilities arising under or because of said contract.

12. SUBLETTING OF CONTRACT

No part of the work to be performed under this contract may be sublet except for the furnishing of materials therefor, without the consent of the Engineer in writing.

Any person or persons, or any firm or corporation, entering into a sub-contract or other agreement with the Contractor to furnish labor or material for or upon any improvement constructed under this contract, shall be deemed an employee of the Contractor; and any such person or persons, or the employees of any such firm or corporation, when employed directly upon such improvement, shall be subject to all the provisions respecting workmen, orders, rates and payment of wages, hours of labor, and all other provisions regarding employees herein specified.

The Contractor alone, subject to the provisions of his surety bond, shall be held responsible for the full and faithful performance of the contract. The Contractor

shall be as fully responsible to the City for the acts or omissions of each subcontractor and of persons either directly or indirectly employed by each subcontractor as he is for the acts or omissions of persons directly employed by himself. Nothing in this contract shall create any contractual relations between any subcontractor and the City or any obligation on the part of the City to pay or cause to be paid any sums to any subcontractor.

13. EXTENSION OF TIME

If the work be delayed at any time by reason of a suspension ordered by the Engineer, or because of any act of negligence of the City or its officers or employees without contributory fault or neglect on the part of the Contractor or his agents or employees or subcontractors, or if the work should be delayed by reason of strikes, or for any other unforeseeable cause beyond the control and without the fault or negligence of the Contractor, or for any other reason which in the opinion of the Engineer is proper justification for such delay, the Contractor shall be granted an extension of time determined to be equivalent to the time actually lost by such delay, which opinion or determination by the City shall be final. The Contractor shall file a written request with the Engineer for an extension of time within ten days of the beginning of each delay, and failure to so do shall constitute a waiver thereof, provided that in case of a continuing cause of delay only one claim shall be necessary.

A request for an extension of time or the granting of an extension of time shall not constitute a basis for any claim against the City for additional compensation. The Contractor shall be deemed to have waived any claim for additional compensation and does hereby so waive any such claim, unless he shall at the time of filing a request for an extension of time likewise file a claim for additional compensation on account of such delay.

14. PROTESTS

If the Contractor considers any work demanded of him to be outside the requirements of the Contract, or considers any record or ruling of the Engineer to be unfair, he shall immediately upon such work being demanded or such record or ruling being made, proceed without delay to perform the work or to conform to the record or ruling, and within twenty (20) days after date of receipt of the instructions, record or ruling, he shall file a written protest with the Engineer stating clearly and in detail the basis of his objection, and include an itemized statement of any extra costs which may have resulted. Except for such protests or objections as are made of record in the manner herein specified and within the time limit stated, the records, ruling, instructions, or decisions of the Engineer shall be final and conclusive.

15. ESTIMATES AND PAYMENTS

There will be reserved from the moneys earned by the Contractor on estimates during the progress of the improvement, or work, a sum equal to ten percent (10%) of such estimates, as a trust fund for the protection and payment of any person or persons, mechanics, subcontractors or material men who shall perform any labor upon such contract or the doing of said work, and all persons who shall supply such person or persons or subcontractors with provisions and supplies for thirty (30) days following the final acceptance of said improvement or work as completed and every person

performing labor or furnishing supplies towards the completion of said improvement of work, shall have a lien upon such fund so reserved; provided, such notice of the lien of such claimant shall be given in the manner and within the time provided by the Laws of the State of Washington. No improvement will be deemed completed until the Board of Public Works shall have filed with the City Clerk a statement signed by a majority of the members of said Board, declaring the same to have been completed.

During the time allowed for the completion of the Contract, the Engineer will, on or about the tenth day of each month, prepare an estimate of the amount of work completed by the Contractor during the preceding month; provided, that after the expiration of the time allowed for such completion, no estimate other than the final estimate will be issued.

After the issuance of the estimate by the Engineer, the City Comptroller will, on or about the 25th day of the month, deliver to the Contractor money or warrants, in an amount equal to such estimate less the percentage to be retained therefrom as herein provided. After the expiration of thirty (30) days following the final acceptance of said improvement or work and the expiration of the time for the filing of lien claims as provided by law, and after receipt of necessary releases as provided by law, said reserve, or all amounts thereof in excess of a sufficient sum to meet and discharge the claims of material men and laborers who have filed their claims as provided by law, together with a sum sufficient to defray the cost of such action, and to pay attorneys' fees, will be paid to said Contractor.

16. PAYMENT FOR EXTRA WORK

If, for any reason, extra work should be ordered by the Engineer, and a price for such work has not been agreed upon, it shall be paid for as follows:

- (1) For all labor and foreman in direct charge of the specific operation, the Contractor shall receive an amount equal to the current wages paid such labor and foreman, for the time actually engaged in such work, plus an amount equal to 20% thereof.
- (2) For all material used, the Contractor shall receive the actual cost thereof less sales tax, to which amount shall be added 15% thereof.
- (3) For any machine power tools or equipment which the Engineer may deem necessary or desirable to use, the Contractor will be allowed a reasonable rental price, to be agreed upon in writing before such work is begun, for each and every hour that said tools or equipment are in use on such work and to which sum no percentage shall be added. Said rental price shall be full compensation also for fuel, lubricants, repairs, and all other expenses incidental to the use of said tools and equipment, except labor for operation thereof.
- (4) The Contractor shall be allowed compensation for payments made to the State Department of Labor and Industries which are occasioned by extra work. These payments shall include Industrial Insurance premiums and 50% of the Medical Aid payments. Compensation for such premiums shall be in the amount of the actual payments made by the Contractor to which no percentage will be added.

(5) The compensation as herein provided shall be payment in full for all work done on a "cost plus" basis and shall cover all expenses of every nature, kind and description, including overhead expenses, payments required under the Social Security Act, State Unemployment Compensation Act, Occupational Tax and any other Federal or State revenue acts, together with all premiums on Public Liability and Property Damage Insurance policies, use of small tools and equipment for which no rental is allowed, and profit. The amount and cost of any such extra work shall be computed by the Contractor in conformance with procedures established by the Engineer.

When the general contractor is authorized by the Engineer to have extra work performed by a subcontractor, the subcontractor shall prepare his invoice for the work in accordance with the requirements of this section. The general contractor shall submit the subcontractor's invoice for payment and may add 10 percent to the total amount of the invoice (sales tax excluded) to cover all the general contractor's costs and charges in connection with the extra work for which no direct payment is made.

17. TAXES

The Revenue Act of 1935, as amended, requires the City to pay the Contractor, for transmittal to the State, a 4.2% sales tax on the total charges made for the work to be performed under this contract wherever such work is taxable. The Contractor shall also pay all sales taxes properly levied on materials, supplies or equipment purchased by him and used on or incorporated into the work, and all other taxes properly assessed against his equipment or other property used in connection with the work.

18. BILLS OF CITY - HOW PAID

The Contractor shall pay all proper bills of the City for labor, materials, and services or supplies furnished in connection with the performance of this work.

If bills due the City are not paid within thirty (30) days after the due date thereon, the City Comptroller shall deduct in payment thereof the amount of said unpaid bills from any moneys payable to the Contractor on the next or any succeeding monthly estimate.

19. BID ITEMS - COST TO BE INCLUDED

The prices bid in the Proposal for the work to be performed shall include all costs of supervision, labor, skill, tools, material, equipment, overhead and all other costs and expenses of all kinds to perform the work complete in accordance with the contract.

20. PAYMENT OF WAGES

The Contractor agrees to perform said contract according to the terms, conditions and stipulations, and to pay as they become due all just claims for all work and labor performed on or about said work, and all skill or labor and material purchased for or furnished in the execution of the contract, and further agrees to comply with all the provisions of state law and with all the requirements of the charter and ordinances of the City and the amendments thereto; and the City of Seattle may

withhold from payments due to the Contractor under this contract such sums as will fully cover such claims, and such retained sums shall not be paid to the Contractor until a sufficient release from such claimant, endorsed by the surety of said Contractor, shall be presented to and approved by the Board of Public Works to guarantee that the provisions of this section have been fully complied with.

The City Comptroller shall not pay to the Contractor any portion of the amount due on this contract, unless at the time of payment of all claims, filed with the City Comptroller for material purchased or labor performed thereon, shall have been fully paid. If at any time during the progress of this improvement it shall appear to the City Comptroller that the Contractor has neglected, refused or failed to pay in cash for any labor performed thereon, and that time checks or other evidences of indebtedness have been issued by such Contractor, then the City Comptroller, upon presentation to him of such time checks or other evidences of indebtedness, shall issue to such labor claimants a warrant or warrants therefore upon the improvement contingent fund. The City Comptroller shall charge the amount of all warrants so issued against the account of the Contractor for this improvement, and shall deduct the amounts thereof, together with a penalty of ten percent (10%) thereon, from the next or succeeding payments to be made to said Contractor. Any sum or sums so paid may be deducted from the ninety percent (90%) to be paid to such Contractor, as provided in this contract, or from any other sum or sums due said Contractor.

21. CONTRACTOR'S SUPERINTENDENTS AND FOREMEN

The Contractor shall give his personal superintendence to the work or have a competent representative, satisfactory to the Engineer, on the work at all times during progress, with authority to act for the Contractor. His superintendents and foremen shall be competent to receive and carry out any instructions that may be given to him or them by the Engineer, and the Contractor shall be liable for the faithful observance of any instructions delivered to him or to his authorized representatives on the work.

The Contractor shall give efficient supervision to the work and shall carefully study all drawings, specifications and other instructions and inform the Engineer immediately of any error, inconsistency or omission which may be discovered therein.

22. NONDISCRIMINATION IN EMPLOYMENT

1. In connection with the performance of work under this contract, the Contractor agrees as follows:

a. The Contractor will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to, the following: Employment, upgrading, demotion or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Forest Service setting forth the provisions of this nondiscrimination clause.

b. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the purchaser, state that all qualified applicants will receive consideration for employment without regard to race, creed, color or national origin.

c. The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the Forest Service, advising the said labor union or workers' representative of the purchaser's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

d. The Contractor will comply with all provisions of Executive Order No. 10925 of March 6, 1961, and of the rules, regulations and relevant orders of the President's Committee on Equal Employment Opportunity created thereby.

### 23. AUTHORITY AND DUTIES OF INSPECTORS

The Engineer will appoint assistants to inspect all material used and the manner in which work is being done. Such inspection may extend to any and all parts of the work and to the preparation or manufacture of all materials to be used.

The inspector will not be authorized to revoke, alter, enlarge or relax the provisions of the contract but will have authority to reject defective material and to suspend any work that he determines is being improperly done. Failure of the inspector to call to the attention of the Contractor, faulty work or deviations from the drawings and specifications, shall not, however, imply acceptance of said work. The Contractor shall allow a reasonable time to permit inspection of any portion of the work before it may be embedded or otherwise covered.

### 24. SAFETY REQUIREMENTS

Precaution shall be exercised at all times by the Contractor for the protection of persons, employees and property. The safety provisions of applicable laws and local building and construction codes shall be observed. The operations of the Contractor for the protection of persons, and for guarding against hazards of machinery and equipment, shall meet the requirements of state law and all safety regulations as set out in "Safety Standards for Construction", "General Safety Standards", "Safety Standards for Tunnels, Shafts and Subways", and all other applicable safety standards of the State of Washington, published and in effect at the time of call for bids, and as amended from time to time thereafter. These publications may be obtained from the Department of Labor and Industries, Olympia, Washington.

### 25. CONTRACTOR'S INSURANCE

a. The Contractor shall not commence work under the contract or under any special condition until he has obtained all insurance as required under the following subparagraphs, and until such insurances have been approved by the Engineer, nor shall the Contractor allow any subcontractor to commence work on his subcontract until all similar insurances required of the subcontractor have been obtained and approved.

b. Compensation Insurance. The Contractor shall take out and maintain during the life of this contract Workmen's Compensation Insurance for all of his employees employed at the site of the project and, in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the Contractor. In case any class of employees engaged in hazardous work under this contract at the site of the project is not protected under Workmen's Compensation statutes, the Contractor shall provide, and shall cause each subcontractor to provide compensation insurance with a private company in an amount equivalent to that provided by the Workmen's Compensation statute for the protection of his employees not otherwise protected.

c. Public Liability and Property Damage Insurance. The Contractor shall obtain and keep in force during the term of the contract, public liability and property damage insurance in companies and in form to be approved by the Engineer. Said insurance shall provide coverage to the Contractor, any subcontractor performing work provided by this contract, and the City. The City shall be named as an additional insured on said policy insofar as the work and obligations performed under the contract are concerned. The coverage so provided shall protect against claims for personal injuries, including accidental death, as well as claims for property damages which may arise from any act or omission of the Contractor or the subcontractor, or by anyone directly or indirectly employed by either of them.

The minimum policy limits of such insurance shall be as follows:

Bodily injury liability coverage with limits of not less than \$100,000 for bodily injury, including accidental death, to any one person, and subject to that limit for each person, in an amount not less than \$300,000 for each accident; and property damage coverage in an amount of not less than \$50,000 for each accident.

A copy of the insurance policy, together with a copy of the endorsement naming the City as an additional insured, shall be provided to the Engineer, within a reasonable time after receiving notice of award of contract.

d. Indemnify Owner from Loss. The Contractor hereby agrees to save the City harmless from all loss or damage occasioned to it or to any third person or property by reason of any act, carelessness, or negligence on the part of the Contractor, subcontractors, agents, and employees in the performance of the contract and will, after reasonable notice thereof, defend and pay the expense of defending any suit which may be commenced against the City by any third person alleging injury by reason of such act, carelessness, or negligence, and will pay any judgment which may be obtained against the City in such suit.

## 26. CLEAN-UP

The Contractor shall keep the premises free from unnecessary equipment, materials, waste and rubbish during the course of his work, and nothing shall be allowed to accumulate at locations which would interfere with the work of others.

At the completion of his work, the Contractor shall remove all debris resulting from his work, all his equipment, tools, surplus materials and other installations, and shall put the premises in a clean and orderly condition.

In the event the Contractor fails to perform any portion of the clean-up specified above, the work will be performed at the Contractor's expense.

SECTION 2  
SPECIAL SPECIFICATIONS  
CONSTRUCTION OF TUNNEL PLUGS

1. SCOPE

The work to be performed consists of constructing tunnel plugs as shown on the drawing and as specified.

2. COOPERATION WITH MINING COMPANY

The West Side Workings, including access roads, access shafts, and shaft hoist are the property of the Pend Oreille Mines and Metals Company. The Contractor shall cooperate with the Mining Company in the performance of the work required under this specification and shall abide by all requests and regulations that they may establish.

3. FOREST SERVICE RULES AND REGULATIONS

The Contractor shall abide by all rules and regulations of the U. S. Forest Service applicable to the performance of the work under this contract.

4. ACCESS TO SITE

The best access to the site of the tunnel plugs which are to be constructed is by way of a 270 foot, vertical shaft known as the West Side Access Shaft. Two roads leading to the shaft are shown on Drawing No. D-19179. The bridge over Flume Creek shown on the drawing has a questionable capacity and is presumed to be unsafe. The alternate route bypasses this bridge and is usable for most vehicles during the dry and snow-free months.

The hoist in this shaft will be made available to the Contractor for his use without charge to him, except the Contractor shall furnish an operator for the hoist, maintain the hoist during the course of the work and at the completion of the work, return the hoist to its original condition at the start of the work, reasonable wear and tear excepted.

The load skip is four (4) feet square and six (6) feet deep with a platform on the top for hauling men. The load capacity is two (2) tons which shall not be exceeded.

Small gauge railroad tracks are located in the mine workings. Mine cars will be made available without charge to the Contractor for hauling materials and equipment from the shaft to the underground work. It may be necessary for the Contractor to lay additional rails in order to reach each plug site.

5. EQUIPMENT, SUPPLIES AND SERVICES

The Contractor shall provide all equipment and supplies required to accomplish the described work, except miner's lamps, compressed air and electricity which will be furnished by the Mining Company at no charge to the Contractor. The Contractor shall make connections at the nearest point and extend the lines as required for his operations.

6. PREPARATION FOR CONSTRUCTION OF TUNNEL PLUGS

a. General. The tunnel plugs shall be constructed by either of the two methods shown on the drawing:

- (1) Cast-in-place concrete with provisions for grouting.
- (2) "Gunite" (pneumatically-placed mortar).

b. Preparation of Rock Keys. The top, bottom and sides of the tunnel in each plug location shall be excavated to provide a keyway of the minimum size shown on the drawing. The rock key areas shall be cleaned with jets of high pressure water, and all water removed sufficiently and continuously thereafter to permit construction of the plug.

7. FORMS

Forms shall be the proper size and shape to construct the tunnel plugs. The form material may be shiplap or plywood, adequately braced to withstand the forces of concrete placement. The forms shall be fitted close to the rock in the tunnel perimeter. Forms shall remain in place until their removal is authorized by the Engineer. All form material on the access side of each plug shall be removed from the mine and disposed of by the Contractor. Form material on the side opposite the access side shall remain in place.

8. CAST-IN-PLACE CONCRETE

a. Proportions. All concrete shall have six (6) sacks of cement per cubic yard, manufactured in accordance with the directions, and the proportions of sand and gravel, provided in the field by the Engineer at the time of manufacture of the concrete.

b. Measurement. The aggregate may be measured by scales or by approved volumetric means. The sand and gravel shall be measured separately to insure uniform proportioning. Proportioning by means of shovels will not be permitted. The proportions of sand and gravel may be varied by the Engineer if necessary to produce the best workable unit.

c. Materials

(1) Aggregates. The source and quality of the aggregate shall be subject to the approval of the Engineer.

(2) Cement shall be Type I.

d. Mixing. All concrete shall be mixed in an approved batch type mixer of a capacity which will use full sacks of cement. Concrete shall be mixed thoroughly until it is uniform in appearance and all materials are uniformly distributed. Mixing time shall be as directed.

e. Slump shall be as low as practicable to secure dense, workable concrete for placement with a vibrator.

f. Placing. Concrete in each plug shall be placed monolithically in accordance with the recommendations of the American Concrete Institute, "Recommended Practice for Measuring, Mixing and Placing Concrete", ACI 614-59.

#### 9. GROUTING CAST-IN-PLACE CONCRETE

Grouting of cast-in-place concrete tunnel plugs shall begin promptly after the interior temperature of each concrete plug is 10 degrees Fahrenheit or less above the ambient temperature of the tunnel.

Grout shall be a sand-cement-water mixture, the proportions of which will be determined by the Engineer prior to the time of grouting. The grout pressures required will not exceed 100 pounds per square inch.

The type of grout outlet shall be as shown on the drawing or a method proposed by the Contractor subject to the approval of the Engineer.

Temperature tubes to the center of plugs shall be filled with grout after plug grouting is complete.

#### 10. PNEUMATICALLY-PLACED MORTAR

a. General. Construction of the tunnel plugs by the alternate method of pneumatically-placed mortar shall be performed in accordance with American Concrete Institute, "Recommended Practice for the Application of Mortar by Pneumatic Pressure", ACI 805-51.

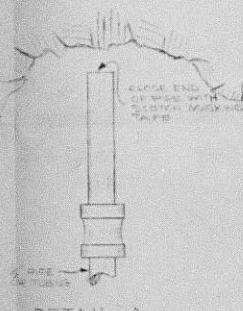
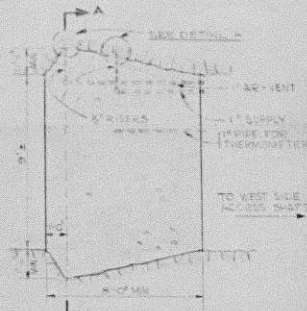
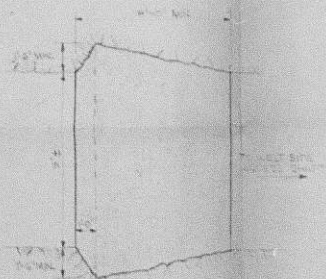
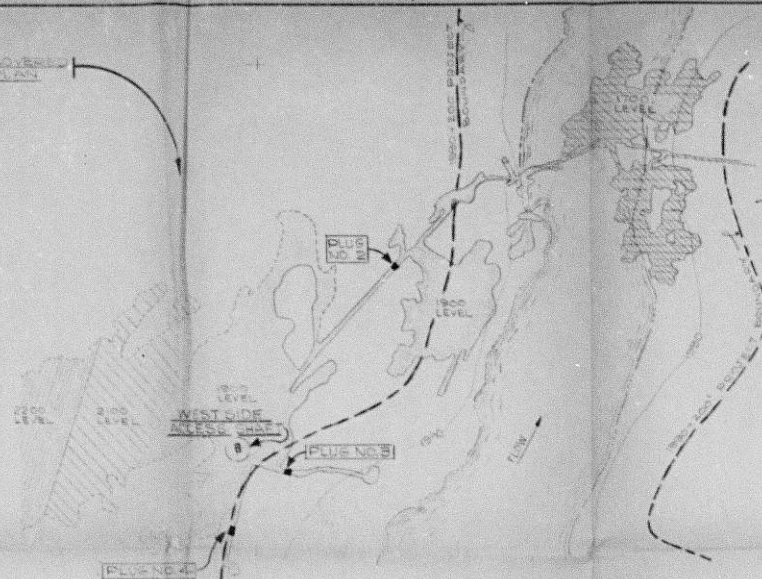
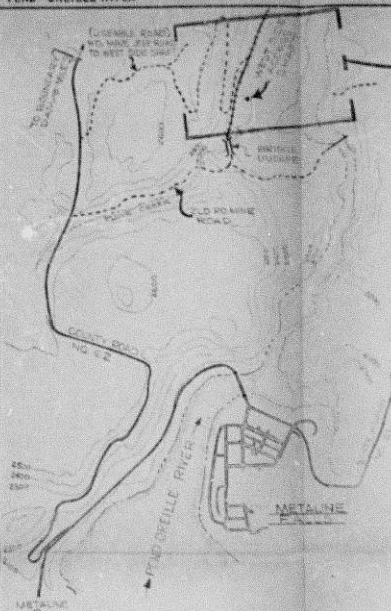
##### b. Materials

- (1) Sand shall be natural sand or crushed sand.
- (2) Cement shall be Type I.

Minimum mixing time for each batch of mortar shall be 1-1/2 minutes.

c. Placing. Only experienced personnel shall be employed for placing mortar by this method.

Each tunnel plug shall be constructed monolithically without any interruption between successive applications which would allow final set of the mortar to develop.



- (GENERAL NOTES)
1. THE WEST SIDE WORKINGS OF THE PEND ORELLIE RIVER A METALS COMPANY ARE NO LONGER BEING WORKED (1964). TUNNEL MINING, IN THE RIVER IS BEING DONE IN THE EAST SIDE WORKINGS WHICH ARE CONTINUED TO THE WEST SIDE WORKINGS WITH A TUNNEL UNDER THE RIVER AT THE 1700' LEVEL.
  2. THE BEST ACCESS FOR CONSTRUCTION OF THE 3 PILES ON THE WEST SIDE 150' VIA THE WEST SIDE ACCESS SHAFT. THIS IS A VERTICAL SHAFT CONTAINING AN ELECTRIC HOIST WITH 2 TONS CAPACITY. IT HAS A 270 PULP LIFT, FROM ELEV. 1850 TO ELEV 2120.
  3. CONCRETE TO BE PRE-MIXED USING 5 BAGS CEMENT PER CU. YD., AGGREGATE TO BE FROM AN APPROVED SOURCE.
  4. PLUMB LINE, (COUNT OR COUNTS) SHALL DEVELOP AT LEAST 9000 FT. FROM ELEV. 28.345.
  5. MIXED CONCRETE PILES TO BE CAST/POUR AFTER CONCRETE HAS COOLED.

MICROFILMED

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|--------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|
| APPROVED BY SEATTLE<br>BOARD OF PUBLIC WORKS                                   |  | CITY OF SEATTLE<br>DEPARTMENT OF LIGHTING<br>JOHN H. HARRIS, SUPERVISOR                                  |  | TUNNEL PLUGS<br>PEND OREILLE MINES AND METAL COMPANY<br>WEST SIDE WORKINGS |  | SCALE: <input checked="" type="checkbox"/> NOTED<br>DRAWING NO. <b>D-1979</b><br>REV. <b>0</b> |
| ENDORSEMENT<br>SIGNATURE DATE<br>DR ETC 8-16-68<br>ON TC 7-24-68<br>ETD 7-6-68 |  | APPROVED FOR DEPARTMENT OF LIGHTING<br>DATE <i>8-16-68</i> <i>John H. Harris</i><br><i>Bill Williams</i> |  |                                                                            |  |                                                                                                |
| CHECKED<br>DATE<br>TRAC SIGNATURE                                              |  |                                                                                                          |  |                                                                            |  |                                                                                                |