



STATE OF ALASKA  
DEPARTMENT OF PUBLIC SAFETY

**INVITATION TO BID**

for Construction Contract

Date **June 30, 2025**

**Tsina Powerline Replacement | 25APSCS0520A**

Project Name and Number

The Department invites bidders to submit bids for furnishing all labor, equipment, and materials and performing all work for the project described below. A list of materials provided by the state is included in this solicitation, and therefore, the cost of these materials shall not be included in the bid responses. The Department will only consider bids received **before 2:00 PM local time (per the Department's time source) on July 14, 2025**. On that date, the Department will assemble, open, and then publicly announce the timely-received bids via Microsoft Teams at 2:30 PM, or as soon thereafter as practicable.

Location of Project: Tsina communication site, located north of Thompson Pass

Contracting Officer: Kelly Pahlau

Issuing Office: Department of Public Safety, Administrative Services

State Funded ☒

Federal Aid ☐

**Description of Work:**

Installation of a new lay on the ground power cable at the Alaska Public Safety Communication Services (APSCS) Tsina communication site. This site is only accessible by helicopter.

The state's estimate for this project is \$400,000 - \$650,000

All work shall be completed in 120 Calendar Days from the Notice to Proceed being issued.

The Department will identify interim completion dates, if any, in the Special Provisions.

The apparent successful bidder must furnish a payment bond in the amount of 100% of the contract and a performance bond in the amount of 100% of the contract as security conditioned for the full, complete and faithful performance of the contract. The apparent successful bidder must execute the said contract and bonds within fifteen calendar days, or such further time as may be allowed in writing by the Contracting Officer, after receiving notification of the acceptance of their bid.

**Submission of Bidding Documents**

Bidders may submit bidding documents electronically to **dps.das.solicitations@alaska.gov**, through the mail or hand delivered. For mailed or hand delivered bids and for electronically submitted bids with a paper bid guaranty, documents shall be submitted in a sealed envelope marked as follows:

Bidding Documents for Project:  
**Bid Schedule with Cover Sheet**  
**Alaska Bidder Preference Certification**  
**Alaska Product Preference Worksheet (if applicable)**

ATTN:  
State of Alaska  
Department of Public Safety

It is incumbent upon the bidder to ensure its bid, any amendments, and/or withdrawal arrive, in its entirety, at the location and before the deadline stated above. A bidder sending a bid amendment or withdrawal via email must transmit its documentation to the Department at this email address: **dps.das.solicitations@alaska.gov**.

To be responsive, a bid must include a bid guaranty equal to 5% of the amount bid. *(When calculating the bid amount for purposes of determining the 5% value of the bid guaranty, a bidder shall include its base bid amount, plus the amount bid for alternate and supplemental bid items, if any.)*

The Department hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this Invitation, Disadvantaged Business Enterprises will be afforded full opportunity to submit bids and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

## NOTICE TO BIDDERS

The following data may assist a bidder in preparing its bid:

### **Materials Furnished by state of Alaska**

The State of Alaska will furnish the cable and anchors, cable grips splice as described below. This material will be available for inspections and pick up at 5900 E Tudor Road, Anchorage AK 99507. Thompson Pass DOT yard (Valdez Area) may be available as a staging point coordinated through APSCS and DOT.

- 5 reels of power cable will be provided for this project. Each spool of power cable is on a single reel which contains about 2500 feet of cable and weighs about 3,040 lbs. including the weight of the reel. The wood reel is 66 inches in diameter and 42 inches wide. The Cable is 1.44 inches in diameter and weighs 0.97 pounds per foot. The cable is Prysmian Airguard 15KV /133% with concentric neutral. The center conductor is 1/0 aluminum with 16 each #14 copper strands for the neutral. The cable has polymeric armor with a 70-mil black PVC jacket which is sunlight resistant.
- Twelve pairs (24 single) Stainless Steel Kellum or equal grips of the appropriate size for the cable
- Twelve pairs (24 single) anchors of the appropriate type for the ground conditions
- Transformers
- Cable Slices as needed

The State of Alaska will obtain the necessary permits to install the cable. The permitting process through DNR has been approved.

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All questions must be submitted in writing to:

Kelly Pahlau, Procurement Specialist 5

[Kelly.pahlau@alaska.gov](mailto:Kelly.pahlau@alaska.gov)

(907) 269-8493

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Other Information:

### **Description of Work and Materials to be Furnished by the Contractor**

The contractor shall furnish any additional material for the installation of the anchors, cable grips, J-boxes and necessary hardware to install the cable as needed. The contractor shall provide all equipment, crew, transportation, lodging and any other items necessary to place the cable. Certain portions of the cable route are very steep and rocky, and the contractor is solely responsible for providing the necessary planning, tools and equipment to ensure safety of all personnel.

### **Installation Methods and Requirements**

This cable replaces a portion of the existing power cable along a new route to be cleared by others. The new power cable shall follow the route cleared along which is along the edge of an old cut. (See attached maps)

- The cable shall be routed along the ground such that it is not lifted off the ground by tension.
- The lower area demark is located on the east side of the Tsaina River approximately mile post 43.
- The cable shall be routed around or underneath any deadfall trees. (there should not be any along the new route)
- The cable shall be routed around any large rocks or obstacles that could damage the power line.
- Each cable shall be anchored at a minimum every 250 feet change in elevation.
- At drop-offs or abrupt increases in slope the cable shall be anchored at or no more than 5 feet above the point of the change.
- The cable shall be anchored at least once for every 1000 cable feet, even on level ground.
- An anchor shall be placed at every change in direction greater than 30 degrees of the cable route.
- A minimum of 25 feet of excess cable shall be left on the uphill side of each anchor. The slack shall be laid in a serpentine manner with no loops or coils.
- Each anchor shall be able to hold a minimum of 1000 lbs in the direction of the downhill section of cable.
- Kellum or equal cable grips of the appropriate size shall be used to attach the cable to the anchor.
- Provide labor, material and equipment to perform GPS field staking and as-built drawings.

- Provide and install new single-phase J-Boxes for powerline installation.
- Provide labor and equipment necessary to ground lay and anchor the approximately 2 miles of 15Kv armored cable from first j-box located on the east side of the Tsaina River to Tsina tower site.
- Provide labor and equipment and materials to terminate armored cable in new J-Boxes.
- Provide labor, equipment, and material to set transformers and terminate at tower site.
- Travel expenses necessary for project delivery include out of zone housing, commercial air travel.
- Helicopter support included for personnel, materials, and equipment necessary to execute powerline install
- Proposal pricing anticipates construction during summer 2025 construction season.

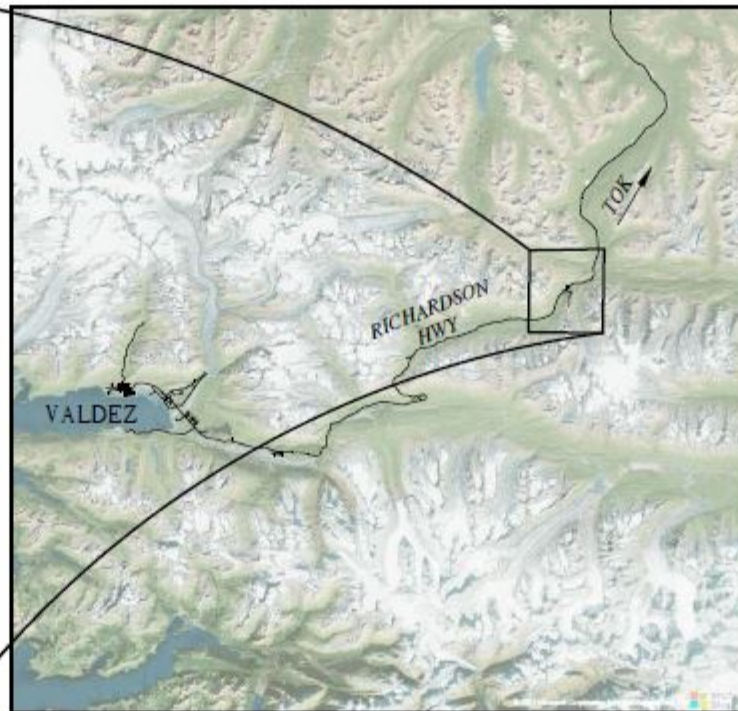
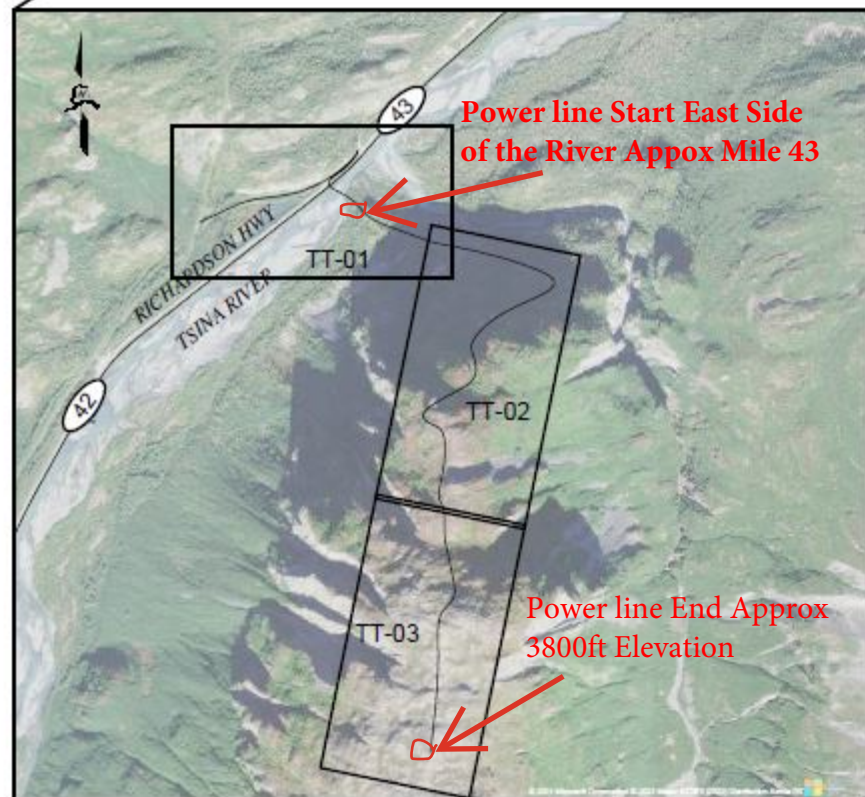
\*\*\*NOTE\*\*\* More is better in our experience so please use your experience and add more as needed especially around the steep sections.

The contractor shall supply a list of GPS coordinates for each anchor point and each splice point. The footmark on the cable shall also be recorded at each anchor point and on both sides of each splice.

If there is damage requiring a splice, then the contractor shall be responsible for providing the splice materials, performing the splice. Any such splice shall also have the GPS coordinate and footmarks recorded and provided.

The contractor shall guarantee the proper operation of the cable for 365 days after it is placed in service. The contractor shall promptly repair any electrical or mechanical problems that occur during that period.

- The Route will not to be surveyed. The work will follow the general path outlined in the Google Earth KMZ files provided. APSCS tries to stay on the ridgelines to avoid avalanches
- APSCS has 12 rolls 2500' on each roll of PRYSMIAN Air-guard 1/C 1/0 AWG (please see attached info) 15Kv armored cable.
- Small standard size J boxes dug into the ground for connecting splices will be needed.
- Hilti bolt the Kellum grips as you can to solid rock and then use 2-part epoxy or duck bills or whatever you think would work the best to secure the cable. Extra on the steep parts is best



| DRAWING INDEX |                |                 |
|---------------|----------------|-----------------|
| PAGE NO.      | SHEET          | DESCRIPTION     |
| 01            | G-1.0          | COVER           |
| 02 - 04       | G-2.0 - 3.0    | NOTES/UNITS     |
| 05 - 06       | G-4.0 - 5.0    | DETAILS         |
| 07 - 12       | TT-01 - TT-03A | STAKING/TABBING |

# LEGEND

|  |                   |  |  |                          |
|--|-------------------|--|--|--------------------------|
|  | FIBER OPTIC CABLE |  |  | FIBER COUNT DROP FOOTAGE |
|  | BURIED FIBER DUCT |  |  | BORE                     |
|  | ROAD CENTERLINE   |  |  | SERVICE DROP             |
|  | RIGHT OF WAY      |  |  |                          |

ISSUED FOR PERMIT  
TSAINA TOWER  
TSAINA, AK  
COVER SHEET



Ruler ✕

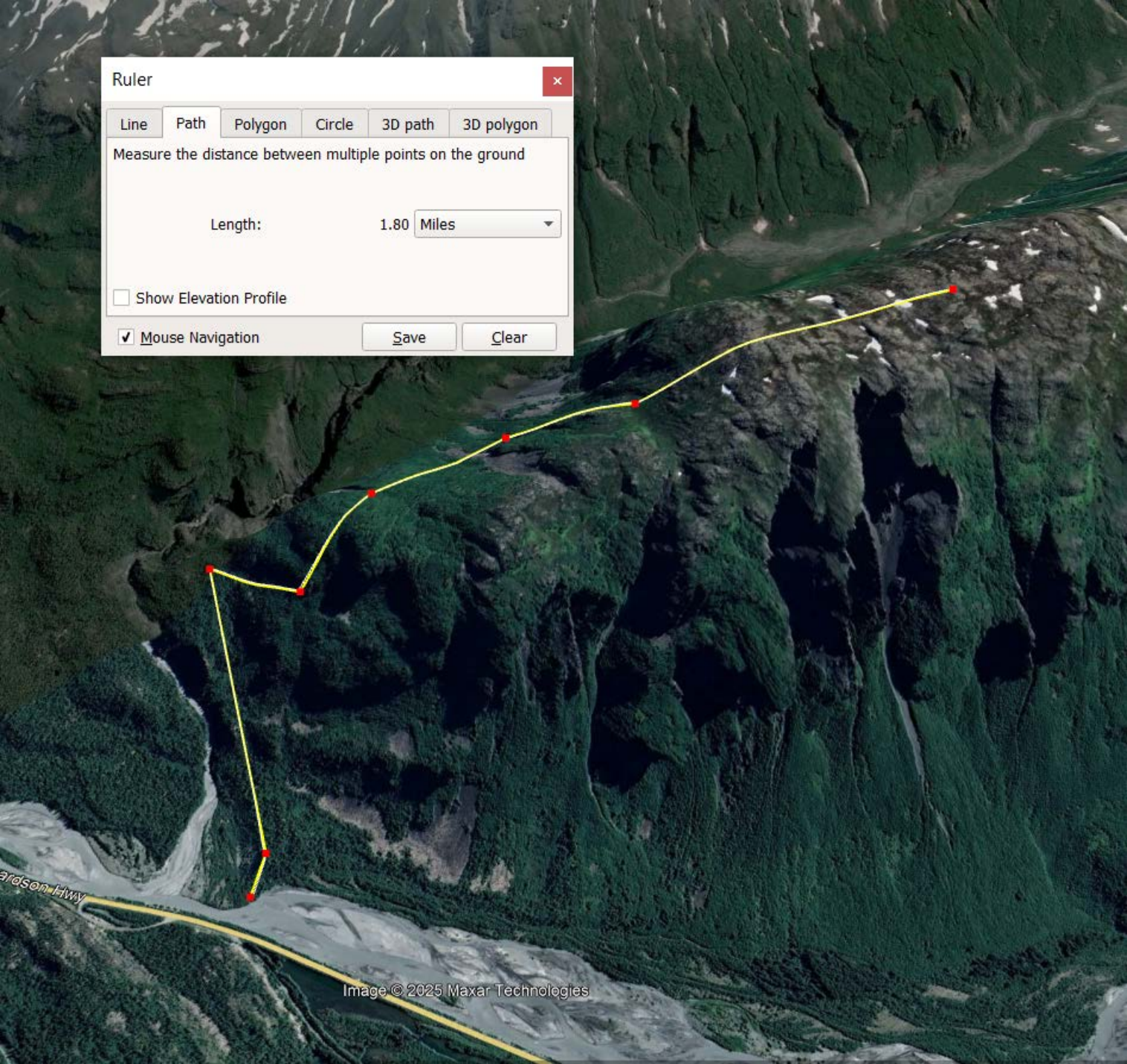
Line Path Polygon Circle 3D path 3D polygon

Measure the distance between multiple points on the ground

Length: 1.80 Miles ▼

☐ Show Elevation Profile

☒ Mouse Navigation Save Clear





**CONSTRUCTION NOTE:**  
SPLICE 96CT FIBER ENDS AT HH  
TO ALLOW FOR EASIER PULL  
AND LESS SLACK BEING  
HANDLED UP TO THE SITE.

UFO 96  
TSNA 3, 01-96  
BM92-(1x4") (1x1.25)T

USE FERNCO  
COUPLER FOR  
TRANSITION FROM  
4" PVC TO 4"  
BORE PIPE.

Approx Power line Start

UFO 96  
TSNA 3, 01-96  
BM92-(1x4") (1x1.25)T

OLD DOT ROW

UFO 96  
TSNA 3, 01-96  
BM92-(1x4") (1x1.25)T

1303'

173'

POWER DUCT WILL  
BYPASS HH.

**CONSTRUCTION NOTE:**  
EXTEND EAST END OF BORE  
BEYOND RIVER FLOOD PLAIN  
AND TOE OF SLOPE.

END OF  
DUCT RUNS

POWER  
JUNCTION  
BOX (TYP)

T07S, R01W, S23, C.M.  
T07S, R01W, S26, C.M.

T07S, R01W, S25, C.M.  
T07S, R01W, S26, C.M.

KELEM GRIPS AND  
DUCK BILL ANCHORS  
USED EVERY 100'

UFO 96  
7.2Kv Power

**CONSTRUCTION NOTE:**  
S CROSSING PERMIT  
REQUIRED FOR PIPELINE  
W. TAPS MP 756.8

APPROXIMATE  
TAPS ROW

RICHARDSON HWY



STATE OF ALASKA  
DEPARTMENT OF PUBLIC SAFETY

**REQUIRED DOCUMENTS**

State Funded Contracts

**REQUIRED FOR BID.** Bids will not be considered if the following documents are not completely filled out and submitted at the time of bidding:

1. **Bid Forms**
  - a. **Bid Cover Sheet**
  - b. **Bid Schedule**
  - c. **Bid Attachments (as applicable)**
  - d. **Addenda Acknowledgement**
  - e. **Bidder's Acknowledgement and Certification**

2. **Bid Security**

**REQUIRED FOR BID MODIFICATIONS.** Any bid revisions must be submitted by the bidder prior to bid. Use the following form to modify Manual (paper) bids:

3. **Bid Modification (Form 25D-16)**

**REQUIRED FOR CLAIMED PROCUREMENT PREFERENCE.** The Department will not consider a claimed procurement preference unless a bidder submits the appropriate, signed certification(s) for the claimed preference at the time of bidding:

4. **Alaska Bidder Preference Certification (Form 25D-19)**
5. **Alaska Veteran Preference Certification (Form 25D-17)**
6. **Alaska Product Preference Certification (Form 25D-20)**
7. **Alaska Military Skills Preference Certification (Form 25D-21)**

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**REQUIRED AFTER NOTICE OF APPARENT LOW BIDDER.** The apparent low bidder is required to complete and submit the following document within 5 working days after receipt of written notification:

1. **Subcontractor List (Form 25D-5)**

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**REQUIRED FOR AWARD.** In order to be awarded the contract, the successful bidder must completely fill out and submit the following documents within the time specified in the intent to award letter:

1. **Construction Contract (Form 25D-10A) or (Form 25D-10H), as applicable.**
2. **Payment Bond (Form 25D-12)**
3. **Performance Bond (Form 25D-13)**
4. **Contractor's Questionnaire (Form 25D-8)**
5. **Certificate of Insurance (from carrier)**
6. **Bidder Registration (Form 25D-6) Bidders must register annually with the Civil Rights Office in order to be eligible for award.**



STATE OF ALASKA  
DEPARTMENT OF PUBLIC SAFETY

**BID BOND**

For

Project Name and Number

DATE BOND EXECUTED: \_\_\_\_\_

PRINCIPAL (Legal name and business address):

TYPE OF ORGANIZATION:

|                         |  |                                      |
|-------------------------|--|--------------------------------------|
|                         | <input type="checkbox"/> Individual    | <input type="checkbox"/> Partnership |
|                         | <input type="checkbox"/> Joint Venture | <input type="checkbox"/> Corporation |
| STATE OF INCORPORATION: |  |                                      |

SURETY(IES) (Name and business address):

|                    |    |              |
|--------------------|----|--------------|
| A.                 | B. | C.           |
| PENAL SUM OF BOND: |    | DATE OF BID: |

We, the PRINCIPAL and SURETY above named, are held and firmly bound to the State (State of Alaska), in the penal sum of the amount stated above, for the payment of which sum will be made, we bind ourselves and our legal representatives and successors, jointly and severally, by this instrument.

THE CONDITION OF THE FOREGOING OBLIGATION is that the Principal has submitted the accompanying bid in writing, date as shown above, on the above-referenced Project in accordance with contract documents filed in the office of the Contracting Officer, and under the Invitation for Bids therefor, and is required to furnish a bond in the amount stated above.

If the Principal's bid is accepted and he is offered the proposed contract for award, and if the Principal fails to enter into the contract, then the obligation to the State created by this bond shall be in full force and effect.

If the Principal enters into the contract, then the foregoing obligation is null and void.

**PRINCIPAL**

|                                  |    |    |    |
|----------------------------------|----|----|----|
| Signature(s)                     | 1. | 2. | 3. |
| Name(s)<br>& Title(s)<br>(Typed) | 1. | 2. | 3. |

Corporate  
Seal

See Instructions on Reverse



**CORPORATE SURETY(IES)**

|                                |                     |                        |                       |
|--------------------------------|---------------------|------------------------|-----------------------|
| <b>Surety A</b>                | Name of Corporation | State of Incorporation | Liability Limit<br>\$ |
| Signature(s)                   | 1.                  | 2.                     | Corporate<br>Seal     |
| Name(s)<br>& Titles<br>(Typed) | 1.                  | 2.                     |                       |

|                                |                     |                        |                       |
|--------------------------------|---------------------|------------------------|-----------------------|
| <b>Surety B</b>                | Name of Corporation | State of Incorporation | Liability Limit<br>\$ |
| Signature(s)                   | 1.                  | 2.                     | Corporate<br>Seal     |
| Name(s)<br>& Titles<br>(Typed) | 1.                  | 2.                     |                       |

|                                |                     |                        |                       |
|--------------------------------|---------------------|------------------------|-----------------------|
| <b>Surety C</b>                | Name of Corporation | State of Incorporation | Liability Limit<br>\$ |
| Signature(s)                   | 1.                  | 2.                     | Corporate<br>Seal     |
| Name(s)<br>& Titles<br>(Typed) | 1.                  | 2.                     |                       |

**INSTRUCTIONS**

1. This form shall be used whenever a bid bond is submitted.
2. Insert the full legal name and business address of the Principal in the space designated. If the Principal is a partnership or joint venture, the names of all principal parties must be included (e.g., "Smith Construction, Inc. and Jones Contracting, Inc. DBA Smith/Jones Builders, a joint venture"). If the Principal is a corporation, the name of the state in which incorporated shall be inserted in the space provided.
3. Insert the full legal name and business address of the Surety in the space designated. The Surety on the bond may be any corporation or partnership authorized to do business in Alaska as an insurer under AS 21.09. Individual sureties will not be accepted.
4. The penal amount of the bond may be shown either as an amount (in words and figures) or as a percent of the contract bid price (a not-to-exceed amount may be included).
5. The scheduled bid opening date shall be entered in the space marked Date of Bid.
6. The bond shall be executed by authorized representatives of the Principal and Surety. Corporations executing the bond shall also affix their corporate seal.
7. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
8. The states of incorporation and the limits of liability of each surety shall be indicated in the spaces provided.
9. The date that bond is executed must not be later than the bid opening date.



STATE OF ALASKA  
DEPARTMENT OF PUBLIC SAFETY

**PERFORMANCE BOND**

For

Bond No. \_\_\_\_\_

**Project Name and Number**

KNOW ALL WHO SHALL SEE THESE PRESENTS:

That \_\_\_\_\_  
of \_\_\_\_\_ as Principal,  
and \_\_\_\_\_  
of \_\_\_\_\_ as Surety,  
firmly bound and held unto the State of Alaska in the penal sum of \_\_\_\_\_ Dollars

(\$ \_\_\_\_\_) good and lawful money of the United States of America for the payment whereof, well and truly to be paid to the State of Alaska, we bind ourselves, our heirs, successors, executors, administrators, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal has entered into a written contract with said State of Alaska, on the \_\_\_\_\_ of \_\_\_\_\_ A.D., 20\_\_\_\_, for construction of the above-named project, said work to be done according to the terms of said contract.

Now, THEREFORE, the conditions of the foregoing obligation are such that if the said Principal shall well and truly perform and complete all obligations and work under said contract and if the Principal shall reimburse upon demand of the Department of Transportation and Public Facilities any sums paid him which exceed the final payment determined to be due upon completion of the project, then these presents shall become null and void; otherwise they shall remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_ A.D., 20\_\_\_\_.

**Principal:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_

**Phone: (     )** \_\_\_\_\_

**Surety:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_

**Phone: (     )** \_\_\_\_\_

The offered bond has been checked for adequacy under the applicable statutes and regulations:

\_\_\_\_\_  
Alaska Department of Transportation & Public Facilities Authorized Representative

\_\_\_\_\_  
Date

See Instructions on Reverse

## INSTRUCTIONS

1. This form shall be used whenever a performance bond is required. There shall be no deviation from this form without approval from the Contracting Officer.
2. The full legal name, business address, phone number, and point of contact of the Principal and Surety shall be typed on the face of the form. Where more than a single surety is involved, a separate form shall be executed for each surety.
3. The penal amount of the bond, or in the case of more than one surety the amount of obligation, shall be typed in words and in figures.
4. Where individual sureties are involved, a completed Affidavit of Individual Surety shall accompany the bond. Such forms are available upon request from the Contracting Officer.
5. The bond shall be signed by authorized persons. Where such person is signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of authority must be furnished.

SAMPLE



## CONTRACTOR'S QUESTIONNAIRE

## A. FINANCIAL

2. Describe any arrangements you have made to finance this work:

1. Describe below the equipment you have available and intend to use for this project.

[illegible]

2. What percent of the total value of this contract do you intend to subcontract? \_\_\_\_\_ %

3. Do you propose to purchase any equipment for use on this project?  
[ ] No [ ] Yes If YES, describe type, quantity, and approximate cost:

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4. Do you propose to rent any equipment for this work?  
[ ] No [ ] Yes If YES, describe type and quantity:

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5. Is your bid based on firm offers for all materials necessary for this project?  
[ ] Yes [ ] No If NO, please explain:

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**C. EXPERIENCE**

1. Have you had previous construction contracts or subcontracts with the State of Alaska?  
[ ] Yes [ ] No

Describe the most recent or current contract, its completion date, and scope of work:

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2. List, as an attachment to this questionnaire, other construction projects you have completed, the dates of completion, scope of work, and total contract amount for each project completed in the past 12 months.

**I hereby certify that the above statements are true and complete.**

\_\_\_\_\_  
Name of Contractor

\_\_\_\_\_  
Name and Title of Person Signing

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date