



Chugach Electric Association, Inc.
INVITATION TO BID
October 31, 2023

Via e-mail

TO: Chugach Electric Association, Inc., 2022-2023 Outside Electrical Line Construction Contract Contractors

You are invited to submit a Bid for Chugach Work Order E2020053 – Quartz Creek Transmission Line Rebuild Girdwood to Indian.

Non-Disclosure Agreement (NDA) Required:

The documents provided by Chugach are confidential; the Bid Documents and attachments contain large amounts of system information. These documents will be provided upon receipt of a Non-Disclosure Agreement (NDA) provided to prospective Bidders by Chugach Electric. Prospective Bidders may coordinate with Chugach Electric Engineering for NDA paperwork as necessary.

Access to the Bid documents will be provided to the Bidders through ShareFile upon receipt of the NDA.

The Quartz Creek to Anchorage 115kV Transmission line was built in 1962 using wood H-frame construction, 556 kcmil, ACSR “Dove” conductor and insulated to 115kV. Many of the structures have reached the end of their service life. Approximately 13 miles of transmission line will be re-built through this project. The existing transmission line structures, conductors, guys and anchors will be retired, and replaced with new structures, conductor, guys and anchors, and installation of All Dielectric Self Supporting (ADSS) fiber optic communication cable. The re-built line will be constructed using a combination of steel and wood H-frame construction. The re-built line section will use 795 kcmil, ACSR “Drake” and “Mallard” conductors insulated to 230kV. The transmission line work begins six spans South of Indian Substation to Girdwood Substation including the replacement of Girdwood Tap. ADSS fiber optic cable will be attached on the transmission line for the entire segment between Indian and Girdwood Substation, transitioning to underground runs at Girdwood and Indian Substation control buildings. To replace the existing tower structures along the shores of the Turnagain Arm, permanent work pads will be constructed.

This project is subject to the union signatory sections of Chugach’s Outside or Generation Agreements contained in Exhibit N of the 2022 – 2023 Outside Electrical Line Construction Contract. Please note that bidding is open to all contractors regardless of union signatory status. Contractors are not required to be signatory to a current collective bargaining agreement with IBEW Local 1547 in order to bid on the project. The signatory requirement only becomes applicable to the successful bidder once a contract is awarded. The successful bidder can comply by either establishing that (1) it is signatory to a current collective bargaining agreement with IBEW Local 1547, (2) by executing a collective bargaining agreement with International Brotherhood Electrical Workers (IBEW) Local 1547, or (3) by executing an agreement with IBEW Local 1547 to comply with the terms and conditions set forth in the most current agreement between IBEW Local 1547 and the Alaska Chapter National Electrical Contractors Association (NECA), Inc. If the



successful bidder elects the third option, the Agreement will be limited to the scope of the work and duration of the project.

Please base your bids on the following conditions:

- All Contractor bids must be valid until 5:00 pm, February 21, 2024. After that time the Contractor shall have the option of retracting its bid. Projects awarded as late as and including the last day the Contractor's bids are valid and not subject to contractor claim for delay of award.
- Contractor shall begin work within 30 calendar days of Notice to Proceed (NTP).
- Completion date is June 1, 2025.
- Liquidated Damages (LDs) in the amount of \$15,000 per outage day in excess of 60 total project outage days unless there are special extenuating circumstances that are approved by Chugach. LDs will continue each day Contractor fails to complete the work by the completion date specified above.
- Liquidated Damages in the amount of \$5,000 in excess of two hours each for two outages that are anticipated to be needed to transfer between Girdwood substation power sources, unless there are special extenuating circumstances that are approved by Chugach. LD's will continue at \$500 for each hour Contractor fails to restore power to Girdwood substation.
- As-built drawings are required.
- Written releases of liens are required.

The following items must be included in the bid proposal or the Contractor will be considered unresponsive:

1. A bid bond is required. A bid bond in the amount of 10% of the bid shall be provided with the bid documents. A certified check made payable to "Chugach Electric Association, Inc." may be substituted for the bid bond.
2. Company resume indicating magnitude of construction project, cost, and project references with names and contact information.
3. A detailed work plan with cost loaded schedule in MS Projects format for:
 - a. MS Outage plans and durations
 - b. Construction plan for work pads along the shores of the Turnagain Arm, subcontractor resume with same parameters as #3 above.
 - c. Pile driving and subcontractor resume with same parameters as #3 above.
 - d. Sequence of construction, mitigation of project constraints and minimizing outage duration including the minimum of the following activities:
 - i. Pile driving in avalanche and wetland between structures 23-6 to 24-7
 - ii. Installation Turnagain Arm Work Pads
 - iii. Installation of rock anchors and pile driving along the shores of the Turnagain Arm

- iv. Construction of Girdwood tap
 - v. Overall sequence of construction activities
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- 4. Company organizational chart with resumes of key personnel.
 - 5. Equipment and tool list.
 - 6. Acknowledgement of addenda
 - 7. Bid sheet
 - 8. Bid schedule (PDF and excel file)
 - 9. List of subcontractors (include a description of the service that they will provide on this project)
 - 10. List of assumptions, exceptions, and qualifications

A pre-bid conference is scheduled for 11:00 a.m. Anchorage time, November 15, 2023 in the Girdwood Conference room at Chugach's North District Engineering Building at 1200 East First Avenue, Anchorage Alaska. **In-person Contractor representation attendance at this pre-bid Conference is mandatory.** The meeting will reconvene at 1:00 pm to complete a field review of the transmission line by stopping at several points to discuss details of the project. For the conference room pre-bid meeting an electronic web-based communications mediums such as “Teams” will be available for additional Contractor and Chugach personnel.

All bids delivered in person at Chugach’s North Campus Building N1 at the front desk, 1200 E. 1st Ave, Anchorage, Alaska or submitted by email To: justin_merkel@chugachelectric.com CC: marge_wisthoff@chugachelectric.com, Chris_Kohler@chugachelectric.com and must be received prior to 2:00 p.m. Anchorage time Tuesday December 19, 2023.

The Notice to Proceed (NTP) shall not be issued until Chugach has received (1) all bonds required in the ITB and properly executed by the appropriate individuals and (2) a certificate of insurance establishing coverage as required by this ITB and specifications (3) a project specific HSE plan (4) an updated construction work plan. The contract time allowed for completion of this contract shall not be extended or suspended due to any delay by Contractor in providing these documents necessary for the Notice to Proceed to be issued.

No work shall begin until the successful bidder has been issued a written NTP.

Weekly construction progress meetings will be held as required. Frequency and schedule of construction progress meetings will be determined based on construction activity.

All work shall be performed in compliance with all applicable local, state and federal ordinances, orders, statutes, rules and regulations.

The Contractor shall furnish all material required for the project that is not indicated on Chugach’s Owner Furnished Material list. Chugach must approve all Contractor-furnished material prior to installation.

The Contractor shall secure locates and assume responsibility for damage to any and all overhead and underground facilities.



Construction of this project will involve work on energized equipment. Outages will be granted based on approval of Contractor's detailed construction work plan.

Outages will be subject to advanced coordination/notification and Chugach electrical system requirements in effect for the time period the outage is requested. Outages are subject to system conditions.

Contractor shall take delivery of all materials within ten (10) business days of the NTP unless previously agreed to otherwise.

Contractor's workmanship shall be warranted for (2) years following Chugach's acceptance of the project completion documentation.

Unit bids shall reflect all work noted on the staking sheets even if not assigned a separate unit description.

The Contractor will not energize new or existing primary facilities in the absence of Chugach's site representative unless advanced written approval is secured from Chugach.

Payment for Contractor work is accomplished through use of a Completed Construction Report (CCR) prepared by Chugach's site representative and signed off by the Contractor's representative. Total payment is made on actual units completed, not on estimated units stated in the bid documents unless otherwise stated in writing. Chugach has no obligation to subsequently reconcile or assist in reconciling the Contractor's billing records.

Chugach reserves the right to define and waive irregularities, to accept or reject any or all proposals/bids, in whole or in part, and to reissue, withdraw or cancel the solicitation/project in its entirety for any reason including its subsequent determination to perform the work in-house without liability of any type to bidder/proposer, including but not limited to any costs associated with proposal/bid preparations and submittal.

All questions regarding the bid documents are to be directed to Chugach's Project Engineer, Justin Merkel via email TO: justin_merkel@chugachelectric.com CC: marge_wisthoff@chugachelectric.com, Chris_Kohler@chugachelectric.com. Questions shall be submitted no later than 2:00 pm AKST, November 28, 2023.

CHUGACH ELECTRIC ASSOCIATION, INC.

A handwritten signature in black ink, appearing to read "Bill Carlson", is written over the printed name and title.

Bill Carlson
Manager, PROJECTS

cc: Project File; W.O. 2020053 File

--End of Invitation to Bid--