

SUBJECT: Award of bid number 26-081P to New Horizons Telecom, Inc. for the contract amount of \$555,941.21 to Design and Build a new Telecommunication Tower in Eureka, Alaska.

AGENDA OF: March 3, 2026

ASSEMBLY ACTION: Approved under the consent agenda 03/03/26 - BJH

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Purchasing Officer	X <u>Rustin Krafft</u> <small>Signed by: Rustin Krafft 2/17/2026</small>
Public Works Director	X <u>Tom Adams, P.E.</u> <small>Signed by: Tom Adams 2/18/2026</small>
Finance Director	X <u>Cheyenne Heindel</u> <small>Signed by: Cheyenne Heindel 2/19/2026</small>
Borough Attorney	X <u>Nicholas Spiropoulos</u> <small>Signed by: Nicholas Spiropoulos 2/19/2026</small>
Borough Manager	X <u>Michael Brown</u> <small>Signed by: Mike Brown 2/23/2026</small>
Borough Clerk	X <u>Lonnie McKechnie</u> <small>Signed by: Lonnie McKechnie</small>

ATTACHMENT (S): Analysis Sheet (1p)
 Scope of Work (4p)

SUMMARY STATEMENT: On December 23, 2025, the Matanuska-Susitna Borough Purchasing Division issued Solicitation No. 26-100B for design-build services to deliver a self-supporting telecommunications tower. The project scope includes the design, engineering, permitting, and construction of a 120-foot communications tower, along with associated site-security fencing. This investment strengthens the Borough’s public safety infrastructure by expanding emergency communications coverage in a challenging service area, improving system reliability during critical operations, and enhancing interoperable communications among Borough, State, and mutual-aid agencies throughout the region. The project will provide long-term value by reducing communication gaps, supporting faster emergency response, and ensuring the Borough’s infrastructure can meet growing operational demands.

Construction Services purchased will support the Emergency Services Department in assembly district #1.

In response to the advertisement, four bids were received. The award is recommended to New Horizons Telecom as the lowest responsive and responsible bidder, based on the Total Bid Amount, which includes the base bid for the tower and Alternate Bid No. 1 for fencing.

The final completion date for this project is September 30, 2026.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the contract completion date by 90 days due to unforeseen circumstances.

The Public Works Department, Projects Division will be administering the contract.

RECOMMENDATION OF ADMINISTRATION: Approve the subject action memorandum.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: March 3, 2026

SUBJECT: Award of bid number 26-081P to New Horizons Telecom, Inc. for the contract amount of \$555,941.21 to Design and Build a new Telecommunication Tower in Eureka, Alaska.

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$555,941.21	FUNDING SOURCE Misc. Capital Projects
FROM ACCOUNT # 480.000.000 4xx.xxx	PROJECT# 47525-1800-1811/1812
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>X</u> <u>Liese I Zanto</u> <small>Signed by: Liese I Zanto</small>	CERTIFIED BY:
DATE:	DATE:

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL	555.9					
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REVENUE						
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FUNDING: (Thousands of Dollars)

General Fund						
State/Federal Funds						
Other	555.9					
TOTAL	555.9					

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____

DEPARTMENT: _____ DATE: _____

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X C h e y e n n e H e i n d e l

APPROVED BY: _____ DATE: _____

Signed by: Cheyenne Heindel

SOLICITATION #26-100B
26-100B DESIGN BUILD EUREKA TELECOMMUNICATION TOWER
SCOPE OF WORK

OVERVIEW

The Matanuska-Susitna Borough (MSB) is requesting services from qualified contractors to design and build a self-supporting communication tower at the approximate location 61°49'56.7"N 147°19'43.1"W, outside of Glaciers View after mile marker 118 on the Glenn Hwy and at the end of W. Alascom Rd. The actual tower location will be field verified by MSB project manager and the awarded contractor. The Contractor will design and provide a Communication Tower and tower foundation that is appropriate for Geotech conditions, seismic requirements, and wind/ice loads to support a fully equipped tower. One Alternate for approximately 400 feet of 8' security fence is requested. Installation of communication equipment on the tower is not required.

Qualified bidders must demonstrate experience in self-supporting communication towers, foundation design, and tower construction consistent with the design-build nature of this project. **Bidder must provide a minimum of 3** completed projects with 3 references for each project.

Work includes, but is not limited to site access, tower procurement, shipping, foundation design, tower construction, civil, structural, electrical, code compliance, and permitting for all AHJ.

Tower and foundation design for 120' PiRod U series self-supporting Communication Tower with the attached antenna/equipment loading schedule to be included in the design considerations.

The Bidder shall provide a lump sum cost for tower construction to include but not limited to, site access, tower design, procurement, and stamped by an Alaska licensed Professional Engineer, all associated costs, all regulatory agencies required reviews or permits, including, but not limited to FAA, FCC, State of Alaska, DNR, MSB Permitting & Code Compliance, etc. and all authorities having jurisdiction. It is the responsibility of the successful Bidder to ascertain all requirements, to pay all costs and obtain all permits and tower registrations necessary to complete the proposed project. Permits and Engineered stamped drawings for each discipline will be provided to the MSB Project Manager prior to construction and stamped record as-built for the completed project will be provided before project closeout.

PERIOD OF PERFORMANCE

Substantial Completion: Aug 30, 2026
Final Completion: Sept 30, 2026

REQUIREMENTS

- The contractor will provide a 120' PiRod U Series self-support tower that conforms to ANSI/TIA-222-G and ASTM standards for wind loading, equipment loads, and construction (or later adopted edition if required by AHJ, using the design criteria required).
- The tower will have an 8-port wave guide snap-in ladder attached from the ice bridge to the tower top.
- The tower will be connected to a SOA owned communications shelter with an ice bridge and 8 port wave guide attachment.
- The tower will be grounded, bonded and incorporated into the SOA communications shelter, and surrounding fencing.
- Climbing pegs with safety climb located on one tower leg
- The contractor will be responsible for acquiring engineered foundation design.
- The contractor will stake the proposed tower location and determine ground elevations at the proposed tower location required to complete FAA 7460.
- The contractor will be responsible for tower permitting (MBSC 17.67), site permitting and

- ensuring the tower is constructed within required setbacks at each site.
- Submittals required for review:
 - Documents showing design of tower foundation calculations and tower information from manufacturers.
 - Engineered foundation design.
 - Detailed Tower construction schedule.
- The contractor attaches and wires OB lights if required.
- The towers shall incorporate design criteria to ensure sufficient strength and stability to resist the effects of seismic ground motions for self-supporting.
- Wind speed and ice loading considerations are specific, and calculations will include all the equipment listed that will be installed by others.
- Tower top lightning rod
- Risk Category IV
- Provide the required signage.
- The current electrical panel that provides power to the existing shared communication shed has been compromised and will need to be repaired or replaced. If replacement is recommended, 72-hour advance notification is required prior to the replacement of the meter base. The current meter base panel cover has been removed leaving breakers exposed to the weather. The local power company may need to be involved if the panel is to be replaced, and utility coordination is the responsibility of the awarded contractor.
- Contractor electrical scope includes repair or replacement of the compromised meter base electrical panel. Broader upgrades to the existing SOA shelter are not required unless directly triggered by code of compliance related to these modifications.

OWNER DESIGN STANDARDS

1. The work shall comply with applicable design and fabrication standards:
 - ANSI/ASSE A10.48 Standard
 - ASSP Standards – Major Tower Standards can be accessed through the American Society of Safety Professionals (ASSP)
 - TIA 222 Rev G – This Standard provides the requirements for the structural design and fabrication of new and the modification of existing structural antennas, antenna-supporting structures, mounts, structural components, guy assemblies, insulators and foundations.
 - ANSI/TIA 322 – Loading, Analysis and design criteria.
 - ANSI/ASSE Z359 – ANSI/ASSE Z359 Fall Protection Code Package

SITE LOCATION

Northeast Tehneta is a hilltop location, which is currently a development telecommunication site shared by ATT and the State. The MSB has an agreement with the DNR and the State to build a MSB communication tower at this location.

CODE INFORMATION

The contractor is responsible for adhering to all codes related to tower construction and paying for all required Federal, State, and local, permits and/or registrations.

PERMITTING REQUIREMENTS

The contractor is responsible for all required permits not limited to the following:

1. Matanuska-Susitna Borough Code Title 17.67. Contact MSB Permitting office for details concerning tower construction permitting.
2. FCC Federal Permitting to include compliance with FCC rule implementing NEPA tribal notifications and compliance with Section 106.
3. FAA 7460 – Notice of proposed construction.
4. FCC registration of constructed tower with ASR number
5. State of Alaska Emergency Communications authority

BUILDING REQUIREMENTS

Site: The site location for the tower is a shared site and will be an addition to an existing State comm tower. The existing State comm tower to remain and the last 100 feet of access is steep and rocky.

Foundation:

A Geotechnical Report prepared by Hansen Engineering, Inc. for the tower location is provided as a reference. Foundation design is the responsibility of the award contracted as specified in the Scope of Work.

Tower Construction:

The Contractor is responsible for the proper Tower selection to ensure that all loads are considered. The tower construction in accordance with manufactures recommendations and National Communication Tower Construction Standards. Equivalent Alternative tower to PiRod U series will not be considered during bidding.

Fencing Alternate:

Approximately 400 linear feet of 8-foot commercial grade chain-link enclosure with security wire with lockable double gate. A lump sum for a complete fencing enclosure and gate to be included as an alternate. Fencing will be required to be included in the tower grounding system

BONDING AND GROUNDING

The Tower and site electrical design shall conform to the latest adopted edition of the following building codes and standards as well as any amendments adopted by the State of Alaska:

- National Electrical Code (NEC NFPA 72)
- National Electrical Code (NEC NFPA 70)
- Life Safety Code (NFPA 101)
- TIA/EIA Telecommunications Tower standards
- ANSI/TIA-607-B, Generic Telecommunications Bonding and Grounding.
- ANSI/NECA/BICSI-607
- A telecom/data grounding system in accordance with EIA/TIA 607 criteria.

DRAWINGS/SPECIFICATION

The following must be submitted to the Borough for approval.

Submit electronic copies of the submittal in PDF format and on a reproducible CD, DVD or flash drive, and three (3) Copies of the updated drawings and specifications. Printed drawing sheets shall be reduced 50% of their original size and printed on 11x17 sheets.

Items for submittal prior to construction:

- Tower documentation, design parameters, latter access, safety climb, and equipment bracketing descriptions and locations.
- Foundation design, calculations, and design parameters
- Purposed site plan with offsets from property lines and purposed fencing.
- Existing site power availability and current power utilization inventory.
- Tower Bonding and grounding details
- Electrical disconnects and wiring details.
- Estimated lead time to ship Towers
- Construction schedule
- Schedule of Values
- DOL project work filling.

CONSTRUCTION DOCUMENTS

Based on the MSB's approval of the construction documents, and on the MSB's authorization of any adjustments in the Project requirements, the contractor shall prepare stamped Final Construction

Documents for construction of the Work. Four (4) full size hard copies of the stamped drawings and specifications will be provided for the owner's use during construction.

RECORD DRAWINGS

Drawings will be provided in electronic PDF format and in the latest version of AutoCAD on a reproducible CD, DVD or flash drive, and four (2) full size hard copies.

CONSTRUCTION PERMITTING

The contractor is responsible for filing and obtaining all required plan reviews and permits. The contractor shall include any changes to the work directed by authorities having jurisdiction (AHJ) at no additional cost to the MSB. The contractor shall investigate and determine which permits and plan reviews are required from other authorities having jurisdiction, including but not limited to State of Alaska agencies, Federal Communications Commission, Federal Aviation Administration, and Matanuska-Susitna Borough Permitting.

Anticipated tower loads (contractor to verify):

- (1) Microwave parabolic antenna, 8' diameter, 67' level (North facing leg). With EW63 Waveguide
- (1) Microwave parabolic antenna, 6' diameter 50' level (West facing leg). With EW 63 Waveguide
- (1) Microwave parabolic antenna, 10' diameter, 33' level (West facing leg). With EW63 Waveguide
- (1) Microwave parabolic antenna 6' diameter, 27' level (West facing leg). With EW63 Waveguide
- (1) VHF omni antenna, dB Spectra DS1E06F36U-D 120' level, top of tower. (North facing leg) 7/8 FH cable
- (1) VHF omni antenna dB Spectra DS1E06F36U-D 100' level, (North facing leg) 7/8 FH cable
- (1) VHF 4 dipole antenna, SINCLAIR's SD214-HF2P4LDF 70-90' level with offset universal mount top and bottom (North facing leg) 1/2 cable LMR 600
- (1) VHF dipole antenna, Sinclair HD PN SD212HF2P4 65' level with offset universal mount. (West facing leg) 1/2 inch cable LMR 600



AMATANUSKA-SUSITNA BOROUGH

Purchasing Division

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purchasing@matsugov.us
www.matsugov.us

Notice of Apparent Successful Bidder

Solicitation Number & Title: 26-100B Design Build Eureka Telecommunication Tower

Thursday, February 5, 2026

The apparent successful bidder is identified below:

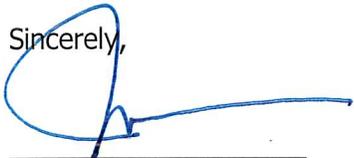
Bidder	Total Bid Amount (Base Bid & Alt. Bid 1)	Award
New Horizons Telecom, Inc.	\$555,941.21	YES
Northern Powerline Constructors, Inc	\$642,630.25	No
NSTI aka North Slope Telecom, Inc	\$880,174.00	No
Gold Rush Communications, LLC	\$2,154,500.00	No

Four firms responded to this solicitation, New Horizons Telecom, Inc. provided the low responsive and responsible bid. Award will be made in accordance with MSB Code 3.08.230.

Pursuant to MSB 3.08.342, entitled Bid Protest and Appeal Procedures, you have the right to protest the purchasing officer's determination of apparent successful bid or proposal. Within two days of service of this notice, a bidder who wishes to protest the determination shall lodge a protest with the purchasing officer. Full text of the protest and appeal procedures, as well as the protest form, can be downloaded from the Borough's web site at www.matsugov.us, selecting "Services", then selecting "Forms" under Forms and Documents, then selecting "Purchasing Forms". A copy may also be obtained by contacting the purchasing division at (907) 861-8601.

Should you have questions regarding this determination, please do not hesitate to contact the MSB Purchasing Department at 907-861-8601.

Sincerely,



Russ Krafft, Purchasing Officer