

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF SUPPORT SERVICES



REQUEST FOR PROPOSALS (RFP) # 2022-1000-5039

Global Navigation Satellite Systems Real-Time Network

Addendum One

Date of Issue: December 27, 2021

Addendum One serves to answer questions received from vendors and change the deadline for receipt of proposals.

Important Note to Offerors: You must sign and return this page of the addendum document with your proposal. Failure to do so will result in the rejection of your proposal. Only the RFP terms and conditions referenced in this addendum are being changed. All other terms and conditions of the RFP remain the same. This Addendum One is hereby made part of the RFP and is a total of five pages.

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COMPANY SUBMITTING PROPOSAL

AUTHORIZED SIGNATURE

DATE

Responses to Questions Received by Offerors

Question 1: Whether companies from Outside USA can apply for this? (like, from India or Canada).

Answer: See RFP Section 3.10 Location of Work.

Question 2: Whether we need to come over there for meetings?

Answer: See RFP Section 3.10 Location of Work.

Question 3: Can we perform the tasks (related to RFP) outside USA? (like, from India or Canada).

Answer: See RFP Section 3.10 Location of Work.

Question 4: Can we submit the proposals via email?

Answer: Yes

Question 5: Under Section 3.01 “Scope of Work” – The offeror shall provide a per item cost for the purchase of a minimum of 70 GNSS reference stations – do these 70 reference stations need to include the appropriate geodetic antenna and antenna cabling?

Answer: 28 reference receivers will require the appropriate geodetic antenna and cabling. 42 reference receivers will utilize existing antennas.

Question 6: Under Section 3.01 “Scope of Work” – The offeror shall provide a per item cost for the purchase of a minimum of 70 GNSS reference stations and approximately 28 NOAA, NGS modeled antenna and sundries – do these NGS modeled antenna’s need to be specifically “choke ring” antenna’s with Radomes or will Geodetic NGS approved antenna’s be acceptable and do these antenna’s need to include Radomes? Do the Sundries include any specific type of antenna mount?

Answer: Any NGS approved antenna will be acceptable. Antennas do not need to include a radome as current NGS guidelines do not recommend inclusion of radomes. The sundries do not have a specific type of antenna mount.

Question 7: Can we please move the Deadlines for Receipt of Questions and for Receipt of Proposals back a few weeks?

Answer: The deadline for receipt of proposals has been extended to January 10, 2022 at 2:00PM Alaska Time. Proposals received after the deadline will be deemed non-responsive and not evaluated.

Question 8: Please clarify why a nonstandard data format is requested and how it will be used. Binex data format is not controlled by a standardization body like RTCM.

Answer: State of Alaska Partners utilize BINEX data format, and aids in scientific research.

Question 9: Please state which PPP correction source should be used. E.g. a public stream in standardized format from IGS or a Proprietary service like Trimble RTX.

Answer: Any PPP correction source may be utilized.

Question 10: Clarification on the request for 70 stations and the above statement conflicts with previous statement of Scalability of the system. Please advise if this is for scalability or long term scope of the project.

Answer: Proposal asks for 70 new or upgraded stations, plus the inclusion of 66 existing stations in the network. Capability for up to 250 stations with appropriate license is for long term planning and scalability.

Question 11: Request for clarification, what is the purpose of the output, what is to be done with the values? In which application and software will it be used?

Answer: The specification meets the needs of the State's scientific partners and potential to collect quality meteorological data for modeling and other purposes.

Question 12: Clarification for hardware component, Is the request for one board or dual board component for channels?

Answer: This specification has been changed to 450 channels – single or dual board is acceptable.

Question 13: Why is the State not giving potential bidders plenty of time to offer the pest proposal?

Answer: The solicitation period is in accordance with AS 36.30.210(d).

Question 14: Why did the State release an RFP of this size and that requires collaboration with so many groups over the holiday season?

Answer: The solicitation period is in accordance with AS 36.30.210(d).

Question 15: Why is IP67 not sufficient?

Answer: IP67 will be accepted.

Question 16: Does the other technology used in these installations (modems, power, supplies, need the same IP68 rating)?

Answer: Current conditions vary by location and equipment owners specifications.

Question 17: Why is the RFP specifying so many unneeded channels?

Answer: Relevant specification is changed to 450 channels for this proposal.

Question 18: What type of channel signal tracking is the RFP specifying?

Answer: Channel type is not specified.

Question 19: Why does the RFP require a front panel display?

Answer: Font panel display is specified due to ease of troubleshooting by non-staff at remote locations who may have no experience with the hardware or its operation.

Question 20: Why does the RFP specify a minimum 4 line 32 character front panel display.

Answer: Minimum of 2 front panel display lines with less than 32 characters will be accepted. Offerors should clarify both display lines and characters in their proposal.

Question 21: Why are bidders not allowed to offer up alternate proposals when it could save the State lots of money and would offer the same end result to the end user?

Answer: The State is not accepting alternate proposals. The State sees the CORS and RTN as an investment in the State of Alaska's future and is following in the path of many other State's that own and operate their respective CORS and RTN.

Question 22: Is the 3 cm specification a vertical or horizontal position accuracy? Can the position's accuracy be specified for both horizontal and vertical position?

Answer: Both horizontal and vertical accuracies are 3cm respective to the network solution.

Question 23: Can the bidders be provided with a specific geographical location for each station?

Answer: Map has been provided with addendum. Note: this map is for the State's planning purposes and final locations may vary.

Question 24: Can bidders also be provided with a visual representation draped over a geographical map of where the specific position accuracy must be obtained in the region both for horizontal and vertical position?

Answer: Map has been provided with addendum. 70 km buffers are shown for phases 1 & 2.

Question 25: Is the 12 cm specification a vertical or horizontal position accuracy? Can the position's accuracy be specified for both horizontal and vertical position?

Answer: Both horizontal and vertical accuracies are 12 cm respective to the network solution.

Question 26: Can the bidders be provided with a specific geographical location for each station?

Answer: Map has been provided with addendum. Note: this map is for the State's planning purposes and final locations may vary.

Question 27: Can bidders also be provided with a visual draped over a geographical map of where the specific position accuracy must be obtained in the region both for horizontal and vertical position?

Answer: Map has been provided with addendum. 120 km buffers are shown for phase 3.

The State of Alaska has been working over several years with numerous potential partners and CORS owners in the development of the specifications for this RFP. Those partners interests vary from surveying and mapping to scientific research to emergency management. Through that process the State arrived at the specifications included in this RFP. Based on questions and concerns from vendors and to foster competition, DNR will allow some specifications to be changed as identified in this Addendum One. The State's stated specifications represent the specifications necessary to prevent jeopardizing the requirements of the State and its partners.

Changes to the RFP

The deadline for receipt of proposals has been extended to January 10, 2022 at 2:00PM Alaska Time. Proposals received after the deadline will be deemed non-responsive and not evaluated.

End of Addendum One