

STATE OF ALASKA

Department of Natural Resources
Division of Forestry & Fire Protection



INVITATION TO BID (ITB) 2025-1000-0108 AVIATION TANKER BASE ELECTRICAL PUMP UNITS

ADDENDUM 1

ISSUED OCTOBER 3, 2024

This addendum is being issued to change the Deadline for Receipt of Bids date, answer questions from vendors, and make changes to the ITB.

Important Note to Offerors: You are required to sign and return this page of the addendum document with your bid. Failure to do so may result in the rejection of your bid. Only the ITB terms and conditions referenced in this addendum are being changed. All other terms and conditions of the ITB remain the same. This Addendum is hereby made part of the ITB and is a total of **two pages**.

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COMPANY SUBMITTING BID

AUTHORIZED SIGNATURE

DATE

QUESTIONS SUBMITTED BY OFFERORS AND ANSWER FROM THE STATE

Question 1: *Are the pumps going to have a flooded suction? (what are we pumping from).*

Answer 1: Yes, the pumps will be pulling retardant out of the tanks, so when the valves are opened the retardant will naturally flow into the pump on its own.

Question 2: *Can you confirm if these pumps will be fed by a tank with positive suction. This would mean that the pumps do not need vacuum assistance and will be gravity fed from the tanks.*

Answer 2: Yes, the pumps will have positive head pressure from the tank outlet approximately one foot above ground level.

Question 3: *Can you confirm the normal operating point for head, the request shows 450GPM normal flow, but what would be the normal pressure (in psi or TDH).*

Answer 3: Centrifugal pump operating discharge pressure is 40-50 psi. Pump running and line closed (human error) static pressure 80ish psi. Surge pressure not to exceed 110 psi.

CHANGES TO THE ITB

Change 1: Section 2.07 “Scope of Work and Specifications” has been updated.

The Motor Specifications have been changed to read as follows:

Motor Specifications:

- **Power Requirement:** 30-50 HP Sealed Electric Motor
- **Voltage/Phase/Hz:** 230/460V, 3 Phase, 60 Hz
- **Motor Drive:** Variable Frequency Drive (VFD) capable – For precise motor speed control and performance optimization, providing energy savings and operational flexibility.

END OF ADDENDUM 1