ATTACHMENT #2

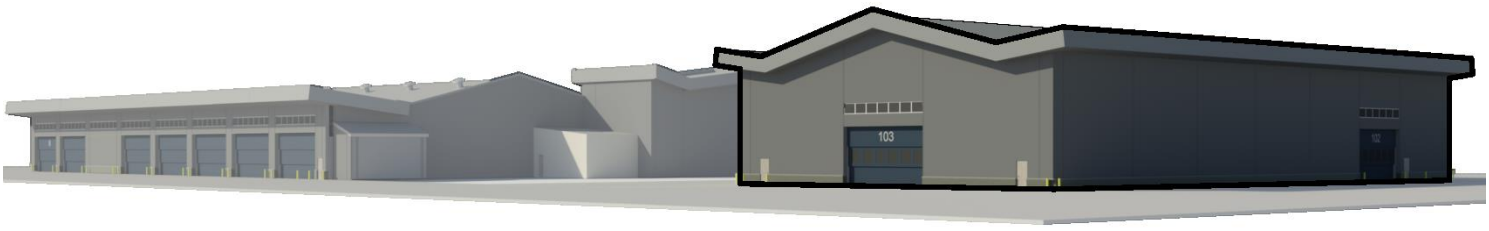
PROJECT NARRATIVE for
Sand/Chemical Building & Airport Equipment Fueling Station at
Juneau International Airport (JNU)
September, 2018

This project will construct a Sand/Chemical Building and Airport Equipment Fueling Station. It will strengthen access, reduce operational costs, is consistent with JNU's Sustainability Master Plan, and is included in JNU's approved Airport Layout Plan. The project will start construction in October, 2018. Total project cost is approximately $10.6M.

JNU's Snow Removal Equipment Facilities (SREF) are being constructed through a multi-phase, multi-funding source approach in a consolidated location within the northwest quadrant of the airport. Phase 1, construction of a Snow Removal Equipment Building (SREB) is nearly complete. SREF Phase 2 is this project: replacing the existing Sand/Chemical Building and Airport Equipment Fueling Station.

JNU's current facilities are obsolete, functionally inadequate, and have documented safety concerns. The current Sand/Chemical storage facility is a dilapidated open-air steel building, originally constructed in the 1950's. The need for replacement has been planned for more than two decades. Recently, an inspection by Alaska Occupational Health and Safety Administration identified safety hazards that required disconnecting the building's electrical service, blocking access to mezzanine storage areas, and limiting entry into the building. This severely impacts JNU operations, with no alternative facility to store essential sand, de-icing chemicals, and related deicing equipment. The current Fueling Station is similarly aged and does not meet current safety standards. Diesel pumping is inoperative without bypassing the antiquated tracking system that is no longer supported by the manufacturer.

Consistent with JNU's sustainability goals and Master Plan, the new Sand/Chem building utilizes an existing geothermal heat pump system and incorporates high performance, low maintenance design features. Sand storage will have a climate controlled environment that eliminates ice lenses and frozen chunks of sand, making loading and placement more streamlined and predictable. The chemical mixing area will also be inside the new building, providing safe and efficient storage and mixing of chemicals that are used on the airfield. The new features will contribute significantly toward keeping the runway open and safe during inclement weather. This increases access to the airport by building operational confidence and creating long term economic stability – operators and passengers can rely on JNU's runway being open year-round.



Architect's 3-D rendering of new Sand/Chemical building to be located adjacent to JNU's Snow Removal Equipment Building.

ATTACHMENT #2

Images of the existing Sand/Chem Storage Building and Fueling Station that will be replaced in 2018-19.

Existing sand and chemical storage building.

Existing airport equipment fueling station.

Existing chemical mixing tank & mixing platform.

For additional information, contact JNU Airport Manager, Patty Wahto (907) 789-7821 or pwahto@jnuairport.com