



AGENDA ITEM: _____

MEETING DATE: January 27, 2016
TO: Board of Directors
FROM: Bill Quesnel PE, District Engineer
SUBJECT: Projects Update

RECOMMENDATION:

For information only, no Board action requested

DISCUSSION:

Replacement Jet-Refueler Truck:

Specifications were prepared in November for a replacement 5,000 gallon Jet Refueler truck. Bids were received from Gar-Site and SkyMark Refuelers and opened on January 13th. The apparent low bidder for the “base” truck plus desired optional equipment was SkyMark; however the engine and transmission did not meet the specifications and Staff has asked for additional information from the vendor. The contract documents require delivery of the truck within 180 calendar days of Notice-to-Proceed.

Warehouse Improvements:

Plans were prepared for the installation of a new fire sprinkler supply pipeline. Staff and Prosser Building and Development (PBD) solicited proposals from contractors for the installation of the lateral and the design-build of a fire sprinkler system in the building. Contracts were signed with Joy Engineering (\$22,435) for the pipeline and Overhead Fire Protection (\$92,700) for the sprinklers.

Plans were prepared for the construction of accessible parking and building access along with mechanical, electrical and structural improvements for the Maker Space. The drawings were submitted to the Nevada County Building Department for permitting and PBD is soliciting proposals for construction of the Tenant Improvements with the goal of having the work completed by the end of March.

Maintenance Building Expansion:

My office is assisting Staff with design, permitting and bidding of the vehicle maintenance building addition. The topographic survey and geotechnical investigation were completed in November, before there was snow on the ground. Local architect Peter Gerdin has prepared preliminary drawings (elevations and floorplans) for review by Staff to ensure the scope of the addition is what is needed before the electrical, mechanical and structural engineers start work. We have been in contact with a representative of the company that supplied the original building to work out the details of connecting the new and old and to confirm budget numbers. The goal is to have the design ready for bidding in May and the addition erected and closed-in by October 2016.

Hangar A-9 Heating

Staff and I have been in contact with a local mechanical engineer re: the installation of heaters in Hangar A-9. There are a number of considerations (floor drainage, humidity/condensation, insulation requirements, power upgrades and different types of users) to resolve as the design progresses.

Tahoe City Helipad:

My office has been coordinating between the Brandley Engineering and Ogilvy Consulting to complete the drawings and prepare the environmental documentation for submittal of the helipad project to the Tahoe Regional Planning Agency and Placer County. We have also found that the access driveway off Fairway Drive will cross Tahoe Conservancy owned property, before reaching the golf course parcel, which will require an agreement with that agency in addition to the agreement with the Tahoe City PUD. Preparation of the "application packages" has taken longer than expected due to the complexity of the project but the goal is to submit by the end of the month. We have also made application to Liberty Energy for power to operate the lighting systems (pad, gate and windsock)

Americans with Disabilities Act Compliance:

ADA renovations at Hangar 1, Hangar 2 and the Warehouse were completed in September. Staff completed a walk-through of all the facilities and confirmed the improvements were constructed in accordance with initial deficiency report and the facilities are now considered compliant.

2016 Pavement Project:

The 2016 construction season will be very active as most of the 2015 projects were delayed to this year due to FAA funding issues. The Agency has indicated that 2016 funding will be forthcoming and has requested that bids for this year's projects be opened by May 1st. Improvements include:

- Reconstruction of the eastern 4,000 feet of Taxiway "A", 700 feet of Taxiways "F", "U" and "J" and removal of Taxiway "H". The contract was awarded to Teichert Construction in 2015; work will begin in July (after the Air-Fair) and take 50 working days to complete.
- Reconstruction of Hangar Taxilanes West G & GH. The contract was awarded to Meyers Earthwork in 2015; work will begin in May and take 40 working days to complete.
- Reconstruction of the South Jet Ramp, removal of Taxiway "E" between Taxiway "A" and Runway 11-29 and widening of Aprons A1 and A2 is in final design. The schedule is for bidding in February, construction to begin in May and be complete in 40 working days (before the Air-Fair and the reconstruction of Taxiway "A" begins).
- Obstruction removal of the ground penetrating the primary surface of Runway 2-20. This high ground is located east of Runway 2-20 on the north side of Runway 11-29. Topographic survey will be done when the snow is gone and then we'll be better able to determine the extent of the work.

FISCAL IMPACT:

The budget includes \$235,000 for the Jet Refueler truck.

The budget includes \$300,000 for the Warehouse projects

The budget includes \$420,000 for the Maintenance Building Addition.

The budget includes \$70,000 for the installation of heaters in Hangar A-9

The budget includes \$300,000 for the helipad project.

The FAA and California Division of Aeronautics combined have committed to funding \$4,873,276 which represents >90% of the estimated costs of the 2015 and 2016 paving projects.