

**TOWN OF PRESCOTT VALLEY
REQUEST FOR COUNCIL ACTION
Date: February 5, 2015**

SUBJECT: Design for Treatment Plant Equipment Storage Building, CIP # W372

SUBMITTING DEPARTMENT: Utilities Department

PREPARED FOR: Neil Wadsworth, Director

AGENDA LOCATION: Comments/Communications , Consent , Work/Study ,
New Business , Public Hearing , Second Reading

ATTACHMENTS: a) Agreement for Professional Services
b) Amendment to Town Engineer Agreement

SUMMARY BACKGROUND: The Utilities Department has approved budget of \$80,000 for purchase of a new steel building to be constructed at the Wastewater Treatment Plant (WWTP). The building will be used primarily as a storage facility for three major pieces of equipment that are susceptible to damage / inoperability during winter conditions. The equipment referenced includes the Vactor 2100 Plus combination sewer cleaner purchased in 2013, a Vacon combination sewer cleaner acquired in 1999 and the portable emergency generator purchased in 2014 whose main function is to provide emergency power to the Tank Farm booster stations or Santa Fe Well. The combined value of the noted equipment is estimated to be approximately \$573,000.

The new 3,000 square foot facility will be designed by Stroh Architecture, Inc. in collaboration with civil design services per Town Engineer, Dava & Associates, Inc. The WWTP is shown in Figure 1 and the proposed location is illustrated in Figure 2 as a rectangular black box east of the main office building. Accountments would include drainage, electrical, heating, lighting, water, skylights, ventilation, ingress and egress doors for large equipment and staff service door.

The area chosen for the facility is available due to process modifications that took place in year 1999. Prior to said year, water laden wastewater biosolids were placed in "drying beds" per Figure 2 dashed line area. Once the biosolids were dried, the material was disposed of at a landfill or per land application. After 1999, water has been removed from biosolids via belt presses that squeeze water out of the mass subsequent to disposal. It should be noted that selected areas of the "drying beds" are still of value as they provide space for temporary storage of equipment and / or materials.

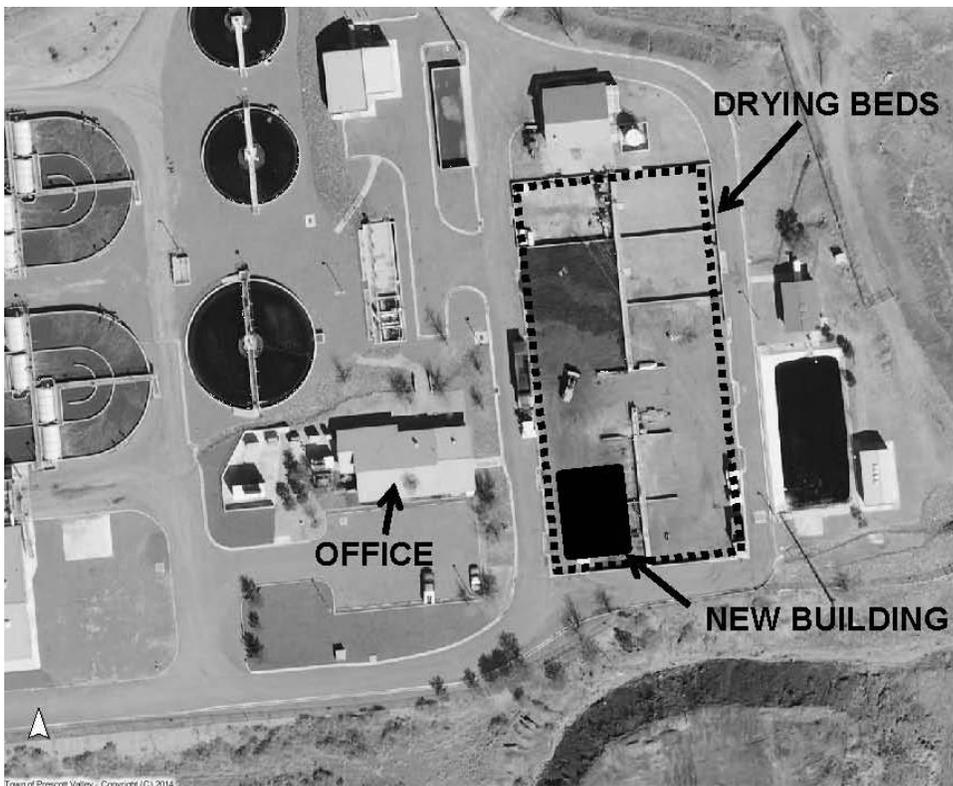
Town staff has negotiated terms for: 1) a Professional Services Proposal for architectural design services with Stroh Architecture, Inc. in the amount of \$12,900 and 2) an amendment to the Town Engineer Agreement with Dava & Associates, Inc. for necessary civil design services involving drainage, grading, utilities and geotechnical in the amount of \$13,405.

Staff anticipates that design will be completed in fiscal year FY 14-15, and construction will occur in FY 14-15 if: 1) there are enough funds remaining or 2) funds can be transferred from another project. If construction funding is not available in FY14-15, funds will be requested in FY 15-16.

Figure 1 - WWTP – Overall View



Figure 2 – WWTP – New Building Site



OPTION ANALYSIS: For Discussion Only.

ACTION OPTION: For Discussion Only.

RECOMMENDATION: For Discussion Only.

FISCAL ANALYSIS: The current budget status for this project in FY 14/15 is outlined in Table 1:

Table 1

Enterprise Wastewater

Treatment Plant Equipment Storage Building		
HTE Code(s): 501-7010-700-7320		Finance Proj. # TBD
FISCAL YR 2014/2015	Approved Budget:	\$80,000.00
	Expended & Encumbered:	\$0.00
	Architectural Design Services	-\$12,900.00 < (this action)
	Civil Design Services	-\$13,405.00 < (this action)
	Balance:	\$53,695.00
		FISCAL YR 2014/2015

REVIEWED BY:

Management Services Director _____

Town Clerk _____

Town Attorney _____

Town Manager _____

COUNCIL ACTION:

Approved Denied Tabled/Deferred Assigned to _____