

Award or reject bids for the effluent water storage tank replacement project at Pahrump Valley High School from the following: Cross Construction for \$200,000. Project Manager Nate Cardinal will present this item.

Pahrump Valley High School
Effluent Water Tank Replacement (PWP-NY-2025-141)
501 E. Calvada Blvd
Pahrump, NV 89048

Nye County School District
Board of Trustees regular meeting
Pahrump, Nevada
January 16th, 2025

Nate Cardinal, Interim MOSS Director

Goal:

To replace the three polyethylene tanks with one rubber-lined steel tank.

Discussion:

The Pahrump Valley High School currently holds an affluent water permit for 50,000 gallons. The existing system consists of three 12,000-gallon polyethylene tanks, which are being replaced due to repeated failures caused by the fatigue of the plastic material from constant filling and emptying. Each morning around 8 am, the affluent water fills the tanks, and every night, the fields are irrigated, depleting the water supply.

The first failure occurred within the one-year warranty period and resulted in the replacement of one of the tanks. However, the second failure happened after the warranty had expired. The contractor attempted a repair by plastic welding the tank with reinforced mesh, but this did not resolve the issue. As a result, only two of the original three tanks are currently in use, and with the reduced capacity, the school has been forced to use fresh water instead of reclaimed water minimizing our cost savings. With only 24,000 gallons available for storage, there is insufficient water to adequately irrigate all three fields.

Approval is being sought to replace the failing tanks with a new 50,000-gallon rubber-lined steel tank, which will provide a reliable and durable solution to store the necessary reclaimed water. The new system will include the installation of a reinforced concrete pad with an 8-inch curb, as required by state regulations, to catch any potential leaking water. Additionally, new water connections will be made to the existing booster pump to ensure proper water distribution for irrigation.

Timeframe:

The project is set to begin immediately upon receiving approval. We will coordinate between the contractor and the Pahrump Valley High School to ensure there are no disruptions to sports during the construction period. Once the new tank is onsite, the contractor anticipates completing the project within approximately three months.

This timeline will allow sufficient time for the necessary construction, installation, and testing of the new tank while minimizing any operational disruptions.

Warranty:

20-year warranty

Cost:

We recommend the approval of Cross Construction for \$200,000

Funded out of residential construction tax

Attachments:

Bid proposal from Cross Construction

BID PROPOSAL FORM

REPLACEMENT STORAGE TANK PROJECT for the RECLAIMED WATER IRRIGATION SYSTEM - PAHRUMP VALLEY HIGH SCHOOL CAMPUS
PWP-NY-2025-141

1. SEALED BIDS for the construction of the subject project will be received at the Nye County School District Maintenance Office located at 601 East Calvada Blvd, Pahrump, Nevada 89048, on the date and time previously stated in the Bid Advertisement. NO BIDS WILL BE RECEIVED AFTER THIS TIME.

TO THE HONORABLE

NYE COUNTY SCHOOL DISTRICT

To whom it may concern:

2. The undersigned hereby proposes and agrees to furnish any and all required labor, material, equipment, transportation, and services for the work for the subject project in strict conformity with the Instructions to Bidders, the General Conditions, the Supplementary Conditions, Drawings, and Specifications entitled "REPLACEMENT STORAGE TANK PROJECT for the RECLAIMED WATER IRRIGATION SYSTEM - PAHRUMP VALLEY HIGH SCHOOL CAMPUS and the Addenda numbered 0 as well as the premise and conditions effecting the Work.

BID SCHEDULE: Includes all work required to prepare the existing type-2 or similar sub-base material, including scarification, compaction to 90%, form, place, and pour the 4,500 PSI concrete foundation support for the tank, remove and dispose of existing storage tanks, provide and install new reclaimed water storage tank per the drawings CS-1 and SITE 1 through SITE-6 entitled "REPLACEMENT STORAGE TANK PROJECT for the RECLAIMED WATER IRRIGATION SYSTEM - PAHRUMP VALLEY HIGH SCHOOL CAMPUS" including the tank and liner plus all fittings, ladders, etc. with the intent of providing a fully-functional reclaimed water storage system, as listed hereinafter for the sum of:

_____ DOLLARS (\$ 200,000.00)

TWO HUNDRED THOUSAND _____

NOTE: There is no sales tax involved since the school district is exempt per Nevada Statutes. The district will obtain any permits necessary.

REPLACEMENT STORAGE TANK PROJECT for the RECLAIMED WATER IRRIGATION SYSTEM - PAHRUMP VALLEY HIGH SCHOOL CAMPUS

TIME OF COMPLETION: Bidder agrees to fully complete the Project within sixty (60) calendar days after receiving "Notice to Proceed" signed by the Owner that is noted in the Supplementary Conditions.

By submitting this bid, we hereby agree to comply with the Byrd act, the Clean Water act, and to provide OSHA certification.

The undersigned hereby agrees to sign said contract within ten (10) days after the Notice to Proceed and begin work within ten (10) days after receiving "Notice to Proceed" signed by the Owner.

The undersigned has checked carefully all the above figures and understands that the Owner will not be responsible for any errors or omissions on the part of the undersigned in producing this bid.

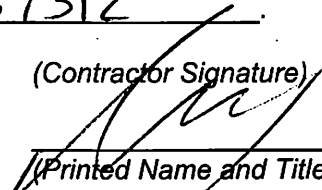
The undersigned acknowledges receipt of Addenda Numbers 0 and the cost, if any, of such revisions has been included in the bid sum.

Accompanying this bid are all documents required by applicable Nevada Revised Statutes including NRS 338.144 and NRS 338.147.

Nevada Contractor's License Number 67312

12-18-24
(Date)

(Contractor Signature)


(Printed Name and Title)

BERT CRAIG

CROSS CONSTRUCTION
(Firm Name)

104 LAUREL
(Address)

LAS VEGAS NEVADA 89104