

Staff Report

TO: Board of Directors

FROM: Gabe Aronow, PE, Director of Engineering
Peter Wade, PE, Director of Power Systems
Adrian Schneider, PE, Senior Engineer

DATE: July 22, 2026

SUBJECT: French Dam Hydraulic Cylinder Actuator
Replacement/Refurbishment (Project No. C0020)

ENGINEERING

RECOMMENDATION:

Adopt a resolution amending the 2026 Annual CIP Budget in the amount of \$190,000 (including \$183,036 for the contract and \$6,964 for incidentals) and award a contract to Zemarc Corporation for \$166,398 plus ten percent contingency for a total amount of \$183,036 for the French Dam Hydraulic Cylinder Actuator Replacement/Refurbishment Project, and authorize the General Manager to execute the necessary documents.

BACKGROUND:

The French Dam Hydraulic Cylinder Actuator (HCA) is approximately 80 years old and needs to be replaced or refurbished. HCAs can often be refurbished and provide decades of renewed service. They also offer reduced lead times. Whether the HCA can be refurbished will depend on its condition upon removal, which is scheduled for July 20 through July 24.

On June 15, 2026, the District sent out a request for quotes with details and specifications to four machine shops to replace or refurbish the HCA. The HCA is approximately 5 feet long by 2 feet in diameter and is considered an atypically large size and configuration for its use.

On June 26, 2026, new HCA quotes were received from Zemarc Corporation (Zemarc) and Unico Mechanical (Unico). Refurbished quotes were also provided.

Company	New HCA	Refurbished HCA
Zemarc	\$166,398	\$20,000 to \$50,000 verbal price, depending on condition
Unico	\$281,000	\$210,000

The District plans to remove the HCA from the dam and deliver to Zemarc's machine shop in Fresno around July 27, 2026. By August 3, 2026, Zemarc will tell the District the condition of the HCA, whether it can be refurbished, and at what cost.

If the HCA cannot be refurbished, the District will choose to use Zemarc to fabricate a new HCA. If it is determined that the HCA can be refurbished, the District will take that route.

Staff recommends that the Board award a contract to Zemarc Corporation for \$166,398, with a 10% contingency for a total of \$183,036, for the replacement of the HCA, or to refurbish at a lower cost to be determined after removal and inspection.

BUDGETARY IMPACT:

The 2026 Project budget is \$250,000, which is encumbered by the Consulting agreement and the recently approved Diving contract. The cost to build a new HCA is \$166,398 and is not included in this budget. With the contingency, shipping costs, and miscellaneous materials, a budget amendment in the amount of \$190,000 is requested.

AS

Attachments: One (1)
Resolution No. 2026-28



RESOLUTION NO. 2026-28
OF THE BOARD OF DIRECTORS OF THE NEVADA IRRIGATION DISTRICT

**APPROVAL OF AN AMENDMENT TO FY 2026, WATER FUND 55, CIP BUDGET
AND AWARD OF A CONSTRUCTION CONTRACT FOR THE
FRENCH DAM HYDRAULIC LINE REPLACEMENT & INLET GATE ACTUATOR
REFURBISHMENT PROJECT (PROJECT C0020)**

WHEREAS, The Nevada Irrigation District (District) Board of Directors adopted the FY 2026 Annual Budget on November 12, 2025; and

WHEREAS, The French Dam Hydraulic Line Replacement & Inlet Gate Actuator Refurbishment Project #C0020 has been identified as a necessary capital project due to the aged condition of the actuator and the small diameter of existing hydraulic lines; and to maintain and improve system reliability; and

WHEREAS, The FY 2026, Water Fund 55, CIP Budget includes funding for Project C0020, but updated costs estimates require an increase to the approved project budget; and

WHEREAS, the District has completed a competitive bidding process for refurbishment/replacement of the hydraulic cylinder actuator in accordance with District policies and public contracting requirements; and

WHEREAS, Zemarc Corporation has been determined to be the lowest responsive and responsible bidder with a bid amount of \$166,398.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Nevada Irrigation District:

1. The Board of Directors hereby approves an amendment to the FY 2026, Water Fund 55, CIP Budget to increase the French Dam Hydraulic Line Replacement & Inlet Gate Actuator Refurbishment Project (#C0020) budget by \$190,000.
2. The Board of Directors hereby awards a Construction contract to Zemarc Corporation in the amount of \$166,398 and to include a 10% contingency up to a total contract price of \$183,036.
3. The additional \$6,964 includes shipping and miscellaneous materials.
4. The Board of Directors hereby authorizes the General Manager to execute the necessary documents to cause the actions contemplated by this resolution

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Resolution No. 2026-28 - Approval of an Amendment to the FY 2026, Water Fund 50, CIP Budget and Award of a Construction Contract for the French Dam Hydraulic Line Replacement & Inlet Gate Actuator Refurbishment Project (#C0020)
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PASSED AND ADOPTED by the Board of Directors of the Nevada Irrigation District at a regular meeting held on the 22nd day of July 2026, by the following vote:

AYES:	Directors:
NOES:	Directors:
ABSENT:	Directors:
ABSTAINS:	Directors:

President of the Board of Directors

Attest:

Secretary to the Board of Directors