Nevada Irrigation District

Staff Report

TO: Board of Directors

FROM: Gabe Aronow, P.E., Director of Engineering
Adrian Schneider, P.E., Senior Engineer

DATE: November 12, 2025

SUBJECT: Combie-Ophir II & III Siphon Replacement Project (Project #2645)

ENGINEERING

RECOMMENDATION:

Adopt a Resolution approving an amendment to the FY2025 Capital Improvement Budget to Increase the 2025 Project Budget for the Combie Ophir II & III Siphon Replacement Project (Project #2645), approve Change Order No. 3 for the Construction Contract with C&D Contractors, approve Task Order No. 1-Amendment No. 3 for the Environmental Consulting Services Agreement with ECORP, reduce the FY2025 Budget for the Summit Ridge Tank Replacement Project (Project #2721), and authorize the General Manager to execute the appropriate documents.

BACKGROUND:

Construction Contract:

The Orr Creek Siphon Replacement Project is part of the broader Combie Ophir II & III Replacement Project, which includes replacing the Orr Creek, Dry Creek, and Rock Creek Siphons along the Combie Ophir II & III Canal. The Orr Creek Siphon involves replacing an 850-foot, 36-inch diameter steel pipe that has reached the end of its service life with a 48-inch diameter PVC pipe designed to accommodate masterplan and emergency flows.

On August 28, 2024, a construction contract was awarded to C&D Contractors for $1,077,847, with a 10% contingency, resulting in a total approved contract value of $1,185,632.

Upon review of the original design, it was determined that the PVC pipe crossing under Orr Creek would be better protected with a concrete encasement. Change Order No. 1 provided this protection.

Additionally, during construction, significant quantities of rock were encountered on the north side of the creek, exceeding the estimated rock allowance. Change Order No. 2 covered the cost of 69 cubic yards of additional rock excavation. Both Change Orders No. 1 and 2 are within the original 10% budget contingency.

Further analysis revealed that the inlet and outlet structure locations posed construction risks due to their proximity to the operational canal and could not be built within the canal's limited outage periods. Additionally, seepage from the canal was observed affecting downstream properties on the south end. To address these issues, proposed Change Order No. 3 eliminates the outlet structure, extends the siphon piping by 154 feet along the canal, and includes an allowance for additional rock excavation.

Change Order No.	Amount	% of Contract**	Description
1	$26,650	2.47%	Concrete encasement under Orr Creek
2	$41,570	3.86%	Rock excavation beyond estimated rock allowance
3	*$232,539	21.50%	Additional pipe sections, fittings and labor; additional estimated rock excavation allowance; credit for omitting the south outlet structure
Subtotal	$300,759	27.90%	17.90% over original 10% contingency
	*$53,892	5.00%	Additional 5% contingency of original contract
Total	$354,651	32.90%	Total of all change orders and additional contingency

***Requested increases **Percentage of original contract amount of $1,077,874**

Staff recommends the Board approve Change Order No. 3 for $232,539 plus an additional 5% contingency of $53,892, bringing the total approved contract amount to $1,432,498.

Environmental Consulting Services Agreement:

On June 28, 2023, the Board approved a Consulting Services Agreement with ECORP. Task Order No. 1 for Environmental Support Services in the amount of $148,028. Task Order No.1 was amended in the amount of $94,075, which included tasks and additional costs associated with environmental permitting realized during preparation of the Initial Study and Mitigated Negative Declaration (IS/MND). The task also included environmental monitoring during construction. A second amendment to Task Order No. 1 was to extend the time of completion through 2026.

Task Order No. 2 was for AB52 Tribal Consultations for $4,000.

This requested increase of $49,583 is for the costs of permit amendments, unanticipated coordination and regulatory assistance to maintain environmental

compliance, and unforeseen construction compliance support. Staff is requesting a contingency of $12,182 for potential permitting and compliance costs.

Task Order	Amount	Description
TO1	$148,028	Environmental Support Services
TO 2	$4,000	AB52 Consultations
TO1 – Amend 1	$94,075	Additional tasks realized during preparation of the IS/MND and construction monitoring.
TO1 – Amend 2	n/a	Extension of completion date
Subtotal	$246,103	Previously approved
*TO1 – Amend 3	$49,583	Costs of permit amendments, unanticipated coordination and regulatory assistance to maintain environmental compliance, and unforeseen construction compliance support
*Contingency	$12,182	Requested contingency for potential permitting and compliance costs to see project to completion
Subtotal	$61,765	Proposed Task Order Amendment
Total	$307,868	

***Requested increases**

Staff recommends the Board approve Amendment No. 3 to Task Order No. 1 in the amount of $49,583 plus a contingency of $12,182, bringing the total approved amount to $307,868.

Budgetary Impact:

The 2025 Budget for the Combie-Ophir II & III Siphon Replacement Project (Project #2645) was approved for $850,000. The unencumbered available balance is currently $38,196. The total contract increases requested are $348,196. The total budget increase requested is $310,000.

The Summit Ridge Tank Replacement Project (Project #2721) was approved for $325,000 for the 2025 Capital Budget. This project scope has changed, and the project will not be completed in 2025. Staff requests that $310,000 be reallocated to the Combie Ophir II & III Siphon Replacement Project (Project #2645).

This request results in a net zero amendment to the 2025 Capital Budget.

AS

Attachments: Resolution No. 2025-54

RESOLUTION NO. 2025-54

OF THE BOARD OF DIRECTORS OF THE NEVADA IRRIGATION DISTRICT

Approval of an Amendment to the 2025 Capital Improvement Budget to Increase the 2025 Budget for the Combie Ophir II & III Siphon Replacement Project (Project #2645), Approval of Change Order No. 3 for the Construction Contract with C&D Contractors, Approval of Task Order 1-Amendment No. 3 for the Environmental Support Agreement with ECORP, Reduction of the 2025 Budget for the Summit Ridge Tank Replacement Project (Project #2721)

WHEREAS, the Nevada Irrigation District (District) budget for the 2025 fiscal year reflects resources to meet the essential needs of the District and the District's customers; and

WHEREAS, the Board of Directors adopted the 2025 Annual Operating and CIP Budget on October 9, 2024; and

WHEREAS, the Board of Directors approved a contract with C&D Contractors, Inc. on August 28, 2024 for construction of the Orr Creek Siphon Replacement Phase; and

WHEREAS, the Board of Directors approved a Consulting Services Agreement for Environmental Compliance with ECORP on June 28, 2023; and

WHEREAS, the Combie Ophir II & III Siphon Replacement Project (Project #2645) is currently in the adopted Capital improvement Budget for FY2025; and

WHEREAS, the Summit Ridge Tank Replacement Project (Project #2721) is currently in the adopted Capital Improvement Budget for FY 2025; and

WHEREAS, the scope of the Summit Ridge Tank Replacement Project has changed and will not be completed in FY 2025.

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

1. Approves the FY2025 Capital Improvement budget amendment in Fund 10 to increase the budget by $310,000 for the Combie Ophir II & III Siphon Replacement Project (Project #2645), bringing the total FY2025 project budget to $1,160,000

2. Approves Change Order No. 3 for the construction contract with C&D Contractors Inc. in the amount of $232,539 and an additional 5% contingency in the amount of $53,892
3. Approves Task Order No. 1 - Amendment No. 3 to the Consulting Services Agreement with ECORP, Inc. for additional environmental compliance services, in the amount of $49,583 plus a contingency of $12,182
4. Approves the reduction of the FY2025 Capital Improvement project budget in the amount of $310,000 from the Summit Ridge Tank Replacement Project (Project #2721)
5. Authorizes the General Manager to execute the necessary documents

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PASSED AND ADOPTED by the Board of Directors of the Nevada Irrigation District at a regular meeting held on the 12th day of November 2025, 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