

Staff Report

TO: Board of Directors

FROM: Doug Roderick, PE, Director of Engineering
Adrian Schneider, PE, Senior Engineer

DATE: October 23, 2024

SUBJECT: **Contract and Budget Amendment for the Maben Canal Phase IV Project (Project #8099-4)**

ENGINEERING

RECOMMENDATION:

Adopt a resolution approving:

- Amendment to the 2024 Budget for the Maben Canal Phase IV Project (Project #8099-4) to increase the Budget by \$404,750
- Reduction of the 2024 Budget for the Hughes Road Pipeline Replacement Project (Project #2690) by \$404,750, resulting in a net zero budget amendment
- Award a construction contract with Lafleur Engineering in the amount of \$857,780 plus a 10% contingency totaling \$943,558 for the Maben Canal Phase IV Project, and authorize the General Manager to execute the necessary documents and any contract change order within the contingency amount

BACKGROUND:

The Maben Canal has undergone three phases of upgrades in the last seven years. Approximately 5,000 feet of the canal has been encased in pipe.

The fourth and final phase includes encasing 590 feet of canal in an 18-inch diameter pipe, replacing an old and undersized 470-foot-long siphon (pipe), and adding a flow measurement structure within the existing canal on the downstream end of the project. An existing access easement to the canal will be improved as part of the project and will enhance canal access for its maintenance and operation.

The completion of this final phase will reduce losses due to canal leakage and overtopping due to limited freeboard, enhance the reliability and operation of the canal as the canal is located in limited access areas and in close proximity with existing homes/structures within private properties. When completed, the project will allow the flow moratorium to be lifted.

A request for quotes was sent to thirteen (13) contractors on September 11, 2024, and two quotes were received on October 4, 2024, from the following contractors:

Contractor	Quote
LaFleur Engineering	\$857,780
Hansen Bros. Enterprises	\$859,300

Staff is recommending that the Board adopt a resolution amending the 2024 Budget and awarding a construction contract with Lafleur Engineering in the amount of \$857,780 plus a 10% contingency totaling \$943,558.

BUDGETARY IMPACT:

The 2024 Maben Canal Phase IV Rehabilitation Project budget was \$550,000 with approximately \$538,812 of unencumbered funds remaining. The construction contract with contingency is \$943,558. The Hughes Road Pipeline Replacement Project (No.2690) has \$424,000 of unencumbered funds that will not be expended this year due to right-of-way issues and additional survey requirements. Therefore, \$404,750 will be transferred from the Hughes Road Pipeline Replacement Project budget to the Maben Canal Phase IV Project budget for this year.

Project	Available Budget	Amendment Request	Amended Budget Balance	Account No.
Maben Canal Phase IV No. 8099-4	\$538,812	\$404,750	\$943,562	15151-52952-8099-4
Hughes Rd Pipeline Replacement Project No. 2690	\$424,000	(\$404,750)	\$19,250	15151-52952-2690

AS

Attachment (1):

- Resolution No. 2024-42 - Maben Canal Phase IV



RESOLUTION NO. 2024-42
OF THE BOARD OF DIRECTORS OF THE NEVADA IRRIGATION DISTRICT

**APPROVAL OF 2024 FUND 15 WATER CAPITAL BUDGET AMENDMENT,
INTRA-FUND TRANSFER OF FUNDS FROM PROJECT NO. 2690 TO PROJECT NO.
8099-4, AWARD OF CONSTRUCTION CONTRACT WITH LAFLEUR ENGINEERING
FOR CONSTRUCTION OF THE MABEN CANAL PHASE IV PROJECT**

WHEREAS, the Nevada Irrigation District (District) budget for the 2024 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 2024 Annual Budget on November 8, 2023; and

WHEREAS, the Maben Canal Phase IV Project was part of the 2024 Approved Fund 15 Water Capital; and

WHEREAS, the Hughes Road Pipeline Replacement Project will not be completed in 2024; and

WHEREAS, on September 11, 2024, the District requested quotes from thirteen (13) contractors to construct the Maben Canal Phase IV project; and

WHEREAS, on October 4, 2024, the District received quotes from two (2) contractors.

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

1. The Board of Directors hereby approves amending the 2024 Annual Budget Fund 15 Capital Improvement Plan by transferring funds between Project No. 2690 Hughes Road Pipeline Replacement Project (deduction of \$404,750) to Project No. 8099-4 Maben Canal Phase IV Project (addition of \$404,750).
2. The Board of Directors hereby awards a construction contract with Lafleur Engineering in the amount of \$857,780, plus a 10% contingency (for a total of \$943,558) for the construction of the Maben Canal Phase IV Project and authorizes the General Manager to execute the necessary documents and any contract change orders within the contingency amount.

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PASSED AND ADOPTED by the Board of Directors of the Nevada Irrigation District at a regular meeting held on the 23rd day of October 2024 by the following vote

AYES:	Directors:
NOES:	Directors:
ABSENT:	Directors:
ABSTAINS:	Directors:
VACANT:	Division IV

President of the Board of Directors

Attest:

Secretary to the Board of Directors