

Staff Report

for the Board of Directors' Meeting of April 22, 2020

TO: Board of Directors

FROM: Jacqueline Longshore, Maintenance Manager *JL*

DATE: April 14, 2020

SUBJECT: Purchase of Portable Back-up Generators

MAINTENANCE

RECOMMENDATION:

Approve the purchase of a 300 kVA 3-phase John Deer Tier 4 portable back-up generator with PowerBalance and a 125 kVA 3-phase Isuzu Tier 4 portable back-up generator with PowerBalance in the total amount of \$214,395.86, approve a budget amendment to the 2020 Maintenance Budget, and authorize the General Manager to execute the appropriate documents.

BACKGROUND:

In an effort to reduce the risk of wildfires caused by electric transmission and distribution networks, IOUs may de-energize their transmission and distribution systems (also referred to as Public Safety Power Shutoffs or PSPS events) during hazardous wildfire conditions. Although PSPS may reduce the risk of wildfire ignition, PSPS events pose significant risks and challenges to District operations and the ability to safely provide reliable quality water.

The District water, hydroelectric, and recreation systems require electricity to function. Electricity is used to power District system components, including treatment plants, pump stations, hydroelectric plants, intake structures, spillway gates, and administrative offices. Loss of electricity necessary to power District systems threatens the ability to deliver services to water, hydroelectric and recreation customers, homes, businesses, medical and emergency facilities, and firefighting resources.

To mitigate the risk from loss of grid power, the District relies on back-up generators to facilitate continuous operation of water, hydroelectric, and recreation systems. Although some District system components are equipped with stationary back-up generators, delayed maintenance of these stationary back-up generators resulting from prolonged PSPS events pose safety and reliability challenges. Mobile back-up generators can provide short-term alternative power during necessary routine maintenance of the stationary back-up generators. In addition, mobile back-up generators can be strategically deployed to serve as the primary power at a variety of District facilities to support continuous operations during PSPS events.

Sourcewell is a government organization that facilitates cooperative purchasing for state and local governments. Sourcewell uses a comprehensive solicitation process that includes Request for Proposal (RFP), public notice and advertisement, public opening of RFPs, RFP evaluations, and contract awards. A request for quote was sent to Sourcewell on April 8, 2020. The following table summarizes the quotations:

EQUIPMENT	SUPPLIER	TOTAL
300 kVA Mobile Generator	Multiquip Inc.	\$ 143,608.77
125 kVA Mobile Generator	Multiquip Inc.	\$ 70,787.09
TOTAL =		\$ 214,395.86

Staff reviewed the quotations for accuracy and recommends awarding the contract to Multiquip Inc. in the amount of \$214,395.86 for the purchase of a 300 kVA 3-phase John Deer Tier 4 portable back-up generator with PowerBalance and a 125 kVA 3-phase Isuzu Tier 4 portable back-up generator with PowerBalance.

Purchase of a 300 kVA 3-phase John Deer Tier 4 portable back-up generator with PowerBalance and a 125 kVA 3-phase Isuzu Tier 4 portable back-up generator with PowerBalance is in alignment with Goals 1 and 4 of the District's Strategic Plan through proactive management of physical resources by using practices that enhance efficiency and reliability.

BUDGETARY IMPACT:

No impact to reserves. The 2020 Maintenance Budget includes \$450,000 in 10191-52915 (Projects Non-Programmatic) for construction of the Bear Valley Yard foundation, fence, and building. With a budget transfer of \$215,000 from 10191-52915 (Projects Non-Programmatic) to 10191-52904 (Equipment Purchases), \$215,000 would be available in 10191-52904 (Equipment Purchases) for the purchase of the back-up generators. The remaining balance of \$235,000 in 10191-52915 (Projects Non-Programmatic) would be available to execute the project site preparation, foundation, and fencing.

JSL

Attachments (1):

- Budget Amendment Request



**NEVADA IRRIGATION DISTRICT
BUDGET AMENDMENT REQUEST**

Request Number

Req. No BA 2020 - 139

Date:
To: Remleh Scherzinger, General Manager
From: Department Manager(s)

Initial JC

Budget Transfer: Enter Operating/Capital Expenditure or Revenue line items.

Department	Object / Account	Increase/(Decrease)
10191 Maintenance	52904 Equipment Purchases	\$ 215,000
10191 Maintenance	52915 Project: Non-Programmatic	\$ (215,000)

Budget Increase/(Decrease): Enter Operating/Capital Expenditure or Revenue line

Department	Object / Account	Increase/(Decrease)

Division Fund	Funding Account	Increase/(Decrease)

Explanation: Enter narrative explaining reason for amendment.

Increase equipment purchase account for purchase of a 300 kVA portable backup generator and a 125 kVA portable backup generator. There is \$0 impact to the 2020 budget and reserves.

APPROVALS:

	<u>Date</u>	<u>Signature</u>	<u>AGM/FM Initials</u>	<u>Approved/Denied</u>
Level I:				
Level II:				
Level III:				