

**SUBMITTAL TO THE FLOOD CONTROL AND
WATER CONSERVATION DISTRICT BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

514B



FROM: General Manager-Chief Engineer

SUBMITTAL DATE:
May 20, 2014

SUBJECT: Approve Proposed Purchase of Tier III Engine for John Deere Backhoe Loader
Model #410G, FY13/14 [\$32,448]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Authorize the Sole Source purchase of a Backhoe Loader Engine Tier III #4045T285 – 85HP;
2. Authorize and direct Purchasing Agent to issue a purchase order to RDO Equipment Company on behalf of the District and not to exceed the amount of \$32,448.03.

BACKGROUND:

Summary

The District needs to repower the John Deere Backhoe Loader, Model 4010G. Upgrading to a Tier III Engine allowing the District to stay in compliance with California Air Resource Board – "CARB", using the latest Best Available Control Technology – "BACT" mandated by the State.

Continued on Page 2

MW:mc

WARREN D. WILLIAMS
General Manager-Chief Engineer

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 32,448.03	\$ N/A	\$ 32,448.03	\$ N/A	Consent <input type="checkbox"/> Policy <input type="checkbox"/>
NET DISTRICT COST	\$ 32,448.03	\$ N/A	\$ 32,448.03	\$ N/A	
SOURCE OF FUNDS: 546160-48020-947260				Budget Adjustment: No	
				For Fiscal Year: 13/14	

C.E.O. RECOMMENDATION:

APPROVE

BY: Steven C. Horn

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

Prev. Agn. Ref.:

District: All

Agenda Number:

11-7

FISCAL PROCEDURES APPROVED
JEANINE J. REY, FINANCE DIRECTOR
BY: REGINA L. NEAL

Departmental Concurrence

- A-30
- 4/5 Vote
- Positions Added
- Change Order

**SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT
BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**
**FORM 11: Approve Proposed Purchase of Tier III Engine for John Deere Backhoe Loader Model #410G,
FY13/14 [\$32,448]**
DATE: May 20, 2014
PAGE: Page 2 of 2

BACKGROUND:

Summary (continued)

The current Tier II Engine has had ongoing mechanical issues with the Particulate Trap (PM), large amounts of oil are being used and the trap is continuously plugging, causing the engine to overheat and shutdown, which in turn, creates various repairs and replacement of parts within the engine. The best course of action is to upgrade the engine to Tier III technology which eliminates having to use the PM, making the engine more reliable and emission efficient. The Tier III Engine and the accompanying software are proprietary to the manufacturer, John Deere. The work must be done by an authorized distributor and servicer of John Deere, and RDO Equipment Company is the local Riverside authorized distributor and servicer certified in John Deere repowers and repairs. The repower with the Tier III Engine is estimated at \$29,448.03 with a not to exceed amount of \$32,448.03.

SUPPLEMENTAL:

Additional Fiscal Information

Sufficient funding is available in the District's Budget for Fiscal Year 2013-2014.

Impact on Residents and Businesses

Costs incurred for this purchase/repair will be funded by ad-valorem property tax revenue and entails no new fees, taxes, or bonded indebtedness.

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