

State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
Division of Forestry and Wildlife  
Honolulu, Hawaii 96813

January 22, 2016

Chairperson and Members  
Board of Land and Natural Resources  
State of Hawaii  
Honolulu, Hawaii

Land Board Members:

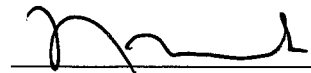
**SUBJECT: AUTHORIZATION TO PROCURE (3) MOTOR VEHICLES FOR DOFAW  
MAUI BRANCH'S FIRE MANAGEMENT PROGRAM**

This submittal requests subject authorization to purchase 3 trucks at the cost of \$255,000 (\$85,000 ea.) for fire suppression by DOFAW's Maui Branch. The trucks will be stationed at the Maui, Molokai, and Lanai baseyards and be used as fire suppression mobile attack units. The trucks are needed to maintain response capacity and replace aging, outdated equipment. Due to DOFAW's aging fleet statewide, many pieces of equipment and vehicles are becoming too costly to maintain. These types of off-road pickup trucks allow firefighters to access and deliver water to remote areas on difficult terrain. Purchase of such equipment is vital to maintaining DOFAW's response capabilities to wildland fire activities as mandated by *Hawaii Revised Statutes, Chapter 185 Land Fire Protection Law*. General funds from LNR 402 will be used to purchase the trucks. The purchase of these vehicles does not require *Chapter 343* environmental review.

**RECOMMENDATION:**

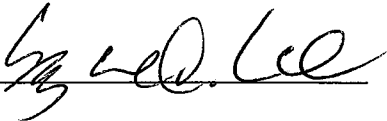
That the Board authorizes the Chairperson to solicit bids, execute, amend, and extend a Contract(s) for Goods and Services for the purchase of (3) brush trucks, subject to availability of funds and subject to approval as to form by the Attorney General's Office.

Respectfully submitted,

  
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SCOTT FRETZ, Acting Administrator

Division of Forestry and Wildlife

APPROVED FOR SUBMITTAL:



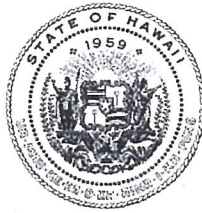
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Suzanne D. Case, Chairperson  
Board of Land and Natural Resources

DAVID Y. IGE  
GOVERNOR OF HAWAII



B & F 3554  
S: 10/27/15



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

DIVISION OF FORESTRY AND WILDLIFE  
1955 MAIN ST. SUITE 301  
WAILUKU, HI 96793

SUZANNE D. CASE  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

KEKOA KALUHIWA  
FIRST DEPUTY

JEFFREY T. PEARSON  
DEPUTY DIRECTOR - WATER

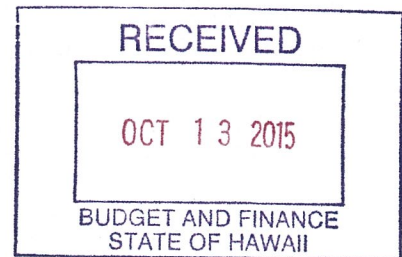
AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
BUREAU OF CONVEYANCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND RESOURCES ENFORCEMENT  
ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAIHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS

TO: THE HONORABLE DAVID Y. IGE  
Governor, State of Hawaii

THRU: WESLEY K. MACHIDA  
Director of Finance, B&F

FROM: SUZANNE D. CASE  
Chairperson, Board of Land and Natural Resources

SUBJECT: Purchase of Motor Vehicles for the Maui DOFAW Branch, Fire Management Program – 100% State Funds (G-042)



Background: Pursuant to EM 15-03, *FY 2016 Governor's Budget Execution Policies*, this is to request approval for the purchase of three (3) 4x4 F350 or equivalent pickup trucks for the Division of Forestry and Wildlife. Molokai, Lanai, and Maui baseyards will be allocated one truck each to be used as fire suppression mobile attack units. There is currently a decreasing supply of fire suppression equipment and vehicles due to DOFAW's aging fleet statewide. Replacing these equipment and vehicles is vital to maintaining DOFAW's response capabilities to wildland fire activities as mandated by Hawaii Revised Statutes, *Chapter 185 Land Fire Protection Law (HRS 185)*.

Funding Source: LNR 402 (G-16-042-0440-479)

Purpose or reason for requiring the equipment: In order to support HRS 185, DOFAW needs to maintain and acquire wildland fire suppression equipment, supplies, and vehicles to respond to such activities. These vehicles will replace some of the aging fleet inventory DOFAW Maui Branch currently has in operation. Due to the aging fleet, many pieces of equipment and vehicles are becoming too costly to maintain. In most cases, it is more practical and cost effective to purchase new vehicles and/or acquire excess property items. Each island office (Molokai, Lanai, and Maui) will be given a vehicle for replacement. These types of off-road pickup trucks allow firefighters to access and deliver water to very remote, difficult terrain, and hard to reach areas.

Nature and description of equipment to be provided: Three (3) 4x4 F350 or equivalent type pickup trucks.

Benefit to be realized from the equipment: Purchasing new vehicles will allow DOFAW firefighters to respond to wildland fire activities within the district in a timely, efficient, and safe manner. This will also allow DOFAW to meet requirements set by HRS 185.

Why the services cannot be performed internally: District has limited number of reliable transportation and fire suppression vehicles in operation.

Cost and availability of funds to support this project and any future cost implications: The estimated total amount for this purchase order will be \$255,000.00 (\$85,000 per vehicle).

Projected time frame of the contracted purchase: The Division will solicit bids through the State of Hawaii's electronic procurement system. May take up to 6-8 months from initial solicitation to delivery.

Impact if not funded: DOFAW will not be able to meet obligations mandated by HRS 185. There will be delays in fire response times and a decrease in fire response capabilities. This may lead to an unnecessary increase in damages to Hawaii's natural resources and other watershed values.

Should there be any questions, please call Lance De Silva, DOFAW Maui Branch Forest Management Supervisor at (808) 873-3980.

RECOMMENDATION:

APPROVED

DISAPPROVED

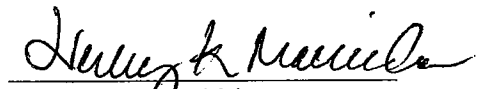
  
Suzanne D. Case

Chairperson, Board of Land and Natural Resources

12/8/2015  
Date

APPROVED

DISAPPROVED

  
Wesley K. Machida  
Director of Finance, Budget & Finance

12/3/15  
Date

RE: Purchase of Motor Vehicles for the Maui DOFAW Branch, Fire Management Program – 100% State Funds (G-042)

APPROVED

DISAPPROVED



\_\_\_\_\_  
DAVID Y. IGE  
Governor, State of Hawaii

Dec 13, 2015

\_\_\_\_\_  
Date

**VEHICLE SPECIFICATIONS  
DIVISION OF FORESTRY AND WILDLIFE – MAUI BRANCH**

Three (3) each, 1 Ton Pickup Truck w/ Quad Cab, 4 WD, Dodge 3500 or equivalent, 6 cylinder or V8 Turbo-charged Diesel Minimum, delivered FOB to State of Hawaii, Division of Forestry and Wildlife, 685 Old Haleakala Hwy, Kahului, HI 96732.

<b><u>Category</u></b>	<b><u>Minimum Specifications</u></b>
1. Year of Manufacture:	2016 or newer
2. Model:	Dodge 3500, or Equal
3. Type:	4-Wheel Drive
4. GVW Rating:	8,500 lbs., Minimum Capacity
5. Wheel Base:	139 inch Minimum
6. Engine:	Diesel 6-Cylinder minimum or Diesel V8 Minimum Heavy Duty Cooling System, External Engine Oil Cooler, Non-California Emissions
7. Transmission:	Automatic Heavy Duty 4 Speed, w/Overdrive Minimum External Oil Cooler
8. Transfer Case:	2 Speed Minimum Part-Time 4 Wheel Drive
9. Cab:	4 Door, Quad Cab Split Bench Front Seat with Center Console Folding Bench Seat Rear, or equal Upholstery of Vinyl Material Autocraft or equal (no cloth) Full Length Vinyl Flooring (no carpet) front & rear Heater/Defroster and A/C Factory Installed Premium AM/FM/MP3/AUX/CD Radio Bluetooth compatible Full Instrument, Gauge Type Package Factory Installed Air Conditioning-CFC Free Overhead Map Lamps Power Windows Power Locks

## DIVISION OF FORESTRY AND WILDLIFE – MAUI BRANCH

<u>Category</u>	<u>Minimum Specifications</u>
10. Body:	Quad Cab, Styleside, 6.5 ft. Cargo Box maximum Skid Plate (Transmission, Fuel Tank and Transfer Case) Complete After Factory Rust proofing with minimum five (5) years, unlimited mileage requirement warranty Factory Standard Dual Trailer Tow “Swing Away Type” Exterior Mirrors (folding type)
11. Bumpers:	Heavy duty front with brush guard and two tow hooks Heavy duty rear step type 1,000 lb. towing capacity Receiver Type Tow Hitch with 2-Inch Pintle/Ball Combo
12. Electrical System:	Heavy Duty 12 Volt System Heavy Duty 12 Volt, minimum 600 CCA Battery Factory Extra Bright Headlamp Package Courtesy Lamp Package with Map Lamps Factory 7-wire Trailer Brake Light Package
13. Steering:	Power Assist, power steering Factory Installed Front and Rear Stabilizer Bar Steering Damper
14. Brakes:	Power Assisted Anti-Lock, Front/Rear Disc
15. Tires/Wheels:	Light Truck – Demanding off road type tire tread, Largest available (5 each) Tires & Wheels Must Meet Manufacturers & Federal GAWR Requirements for GVW Submitted Full-Size Spare Tire Mounted Under Truck Bed Five (5) 16x8.5 steel Rims minimum Jack and Wheel Wrench
16. Axle:	Front axle shall include automatic locking hubs Rear Axle Shall Include Limited Slip Differential Minimum 3.55 Gear Ratio Minimum
17. Suspension:	Factory front and rear suspension w/ highest ground clearance
18. Color:	Exterior red (fire) High Gloss Urethane with Base Clearcoat Interior- Standard

**DIVISION OF FORESTRY AND WILDLIFE – MAUI BRANCH**

<b><u>Category</u></b>	<b><u>Minimum Specifications</u></b>
19. Miscellaneous:	2-1/2 lbs. ABC Dry Chemical Fire Extinguisher mounted inside the vehicle Fuel Tank, 25-Gallon Capacity Minimum Locking Gas Cap Receiver Type Tow Hitch with 2-inch Pintle/Ball Combo Owner-Operator Manual (2 copies) All Repair & Electrical Shop Manuals (2 copies) Emergency triangle road markers (3 ea.) with flares Black tubular running board or equal for <u>each side of vehicle</u> 15,000 lb. Tow winch minimum