MARIPOSA COUNTY
BOARD OF SUPERVISORS

DATE: February 7, 2012

AGENDA ACTION FORM

DEPARTMENT: Fire Protection

BY: Jim Wilson
PHONE: 966-4330

RECOMMENDED ACTION AND JUSTIFICATION: Authorize a vehicle purchase from Budget Account #702-0253-578.06-40 (Vehicle Replacement) to replace Rescue 22 (R-22). R-22 is one of two such vehicles in the fleet and transports specialized structure firefighting equipment, breathing air bottles and heavy rescue equipment to incident scenes. The current vehicle was unexpectedly removed from service due to a falling diesel motor. Currently, approximately one-third of the equipment normally transported by R-22 is pre-staged in a pick-up and ready for immediate response. The balance of the specialized tools and equipment are stored at the station and require a special trip when needed. Fleet Management estimates the replacement cost to be $63,104. Requested approval amount not to exceed $67,000.

BACKGROUND AND HISTORY OF BOARD ACTIONS: Current R-22 is a 1995 Chevrolet one-ton chassis. While it is has low mileage, it has years of extremely hard use and short of storage space. In 2009 some equipment was removed but for most of its service life it has carried a maximum weight load. Throughout its service life the vehicle has received routine and preventive maintenance. The extremely hard miles placed on R-22 have finally taken their toll. At the time R-22 was purchased the County did not have a vehicle replacement plan. Consequently, there is no funding set aside for its replacement. An analysis of alternative options is attached. Funds for the replacement are slated to come out of other fire vehicles replacement funds that will need to be replaced at a later date.

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION: Rescue 22 is a vital and necessary vehicle that carries one-of-a-kind equipment and tools to emergency scenes throughout the County south of the Merced River. There is not an acceptable vehicle in the County fleet that can adequately substitute. Operational readiness as well as firefighter safety at all structure fires and major highway incidents is dependent on these tools and equipment arriving in a timely manner. Without an adequate rescue vehicle public safety and property preservation is jeopardized.

Financial Impact? (X) Yes ( ) No  Current FY Cost: Not to Exceed $67,000  Annual Recurring Cost: $ Budgeted In Current FY? (X) Yes  ( ) No  ( ) Partially Funded
Amount in Budget: $ 0
Additional Funding Needed: $67,000
Source: 702-0253-578.06-40
Internal Transfer
Unanticipated Revenue
Transfer Between Funds
Contingency
( ) General  ( ) Other

List Attachments, number pages consecutively
(1)-Fleet Management Estimate
(2)-Option Analysis

CLERK'S USE ONLY:
Res. No.: 12-66
Vote – Ayes: _____ Noes: _____ Absent: _____ Abstained: _____
( ) Approved
( ) Minute Order Attached  ( ) No Action Necessary

The foregoing instrument is a correct copy of the original on file in this office.
Date: ______________
Attest: MARGIE WILLIAMS, Clerk of the Board
County of Mariposa, State of California
By: __________________________

COUNTY ADMINISTRATIVE OFFICER:

Requested Action Recommended
No Opinion
Comments:

CAO: ______________

Revised August 2011
TO: JIM WILSON, Fire Chief
FROM: MARGIE WILLIAMS, Clerk of the Board

SUBJECT: Authorize a Vehicle Purchase from Expenditure Line #702-0253-578.06-40 (Vehicle Replacement) to Replace Rescue 22. Rescue 22 is One of Two Such Vehicles in the Fleet and Transports Specialized Structure Firefighting Equipment, Breathing Air Bottles and Heavy Rescue Equipment to Incident Scenes. The Current Vehicle was Unexpectedly Removed from Service Due to a Failing Diesel Motor. Requested Approval Amount Not to Exceed $67,000.

RES. 12-66

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA

ADOPTED THIS Order on February 7, 2012

ACTION AND VOTE:

3. Fire RES-2012-66

Authorize a Vehicle Purchase from Expenditure Line #702-0253-578.06-40 (Vehicle Replacement) to Replace Rescue 22. Rescue 22 is One of Two Such Vehicles in the Fleet and Transports Specialized Structure Firefighting Equipment, Breathing Air Bottles and Heavy Rescue Equipment to Incident Scenes. The Current Vehicle was Unexpectedly Removed from Service Due to a Failing Diesel Motor. Requested Approval Amount Not to Exceed $67,000.

Jim Wilson/Fire Chief thanked the Board for recognizing the two volunteer firefighters who recently passed away at the beginning of the meeting with a moment of silence. He reviewed his request and recommendation to replace Rescue 22. Discussion was held relative to the request and options, and with setting up a depreciation schedule for this vehicle. Joe Halencak/PWD-Fleet Superintendent, responded to questions on the depreciation schedule, and advised of his recommendation to purchase a new vehicle versus purchasing a new cab and chassis and rehabilitating and transferring the current storage box. Discussion was held. Rick Benson/County Administrative Officer,
suggested that if the Board determines it wants to purchase a new vehicle that a budgeted amount be approved. Supervisor Turpin asked about the status of Rescue unit 26 and prioritizing replacement of vehicles; and Joe Halencak responded. Supervisor Allen asked that if funding is approved for purchase of a new vehicle that the Fire Chief meet with the Fleet Superintendent, MPUD Chief Dulcich, and the two Board liaison members on the final selection of the vehicle.

Input from the public was provided by the following:

Marvin Wells asked each Board member to consider the importance of the life of their next of kin and that of a public member when considering the options, and to let their heart be the guide in this decision.

Jim Dulcich, Chief of MPUD Fire Department, advised they house Rescue 22 and he feels that it is imperative that they have a good running vehicle that is capable of doing its job. He feels the current vehicle is under-horsepower and that a larger box is needed for the equipment and generator. He recommended option 3 with a medium duty vehicle.

Following discussion, the Board approved option 3/the purchase of a new/demo rescue vehicle with a budget of $200,000, with direction that the recommendation for a specific vehicle go through the Board liaison committee, and that the Fire Chief work with the Fleet Superintendent on the final selection. Rick Benson asked for clarification of final approval; and Supervisor Cann advised that his motion includes that if the liaison committee or the Fleet Superintendent does not agree with the recommendation that the matter will come back to the Board. Steve Dahlem/County Counsel, recommended that the terms and legality of the contract be subject to approval of County Counsel; and the motion was amended, agreeable with the maker and second, to include this.

RESULT:ADOPTED AS AMENDED [UNANIMOUS]

MOVER: Kevin Cann, District IV Supervisor
SECONDER: Jim Allen, District V Supervisor
AYES: Stetson, Turpin, Bibby, Cann, Allen

Cc: Bill Davis, Auditor
Mary Hodson, Deputy CAO
Peter Rei, Public Works Director
File
COUNTY of MARIPOSA JSA  
DEPARTMENT OF PUBLIC WORKS  
Divisions of:  
- Design & Construction  
- Administration  
- Operations  
- Fleet Services

Peter Rei  
Director

To: Jim Wilson, Mariposa County Fire Chief  
From: Joe Halencak, Mariposa County Fleet Superintendent  
Date: February 1, 2012  
Subject: Estimate for R-22

As per your request for an estimate on a new Ford F-550 4X4, for the replacement cab and chassis to replace Rescue 22. This estimate includes reusing the rear utility box on Rescue 22 and having it re-painted. The estimate only includes minor body repairs and as I notice there is some more than minor body damage that is not estimated to be repaired.

The below listed estimated costs are for an 2012 Ford F-550 4X4 from the State of California contract # 1-11-23-20 which is valid until a new contract is issued and then the prices will change per that contract. The estimated build time for this vehicle per Ford Motor Company is 16 weeks from the time it is ordered by the dealer.

The time it will take to be set up per your request will be extensive as many vendors will be involved to get it accomplished. This is an estimated cost only.

MAJOR STANDARD EQUIPMENT: 2WD, 141” WB (60” CA), CLOTH BENCH SEAT, XL TRIM, AM/FM STEREO, 6.2L ENGINE, 5-SPEED AUTO TRANS, TELESCOPING TRAILER MIRRORS, A/C, SPEED CONTROL/TILT WHEEL FOB Sacramento Ca

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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<tbody>
<tr>
<td>4X4</td>
<td>$22,090.00</td>
</tr>
<tr>
<td>84” cab to Axle</td>
<td>$4,022.00</td>
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<tr>
<td>Limited slip</td>
<td>$651.00</td>
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<tr>
<td>40/20/40 seating</td>
<td>$329.00</td>
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<tr>
<td>Vinyl Seating</td>
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<tr>
<td>Regular cab</td>
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<tr>
<td>#19,500 GVW (includes 6.8L V-10 gas motor)</td>
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<tr>
<td><strong>Total Vehicle Cost</strong></td>
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<tr>
<td>California Sales Tax</td>
<td>$2,576.80</td>
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<tr>
<td>California Tire Tax</td>
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<tr>
<td>Delivery</td>
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<tr>
<td><strong>Total</strong></td>
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Code 3 Lighting: $8,000.00  
Decals: $2,000.00  
Transfer and re-paint old body: $6,515.46  
Wire rear body to new chassis: $2,500.00  
Winch Bumper: $6,000.00  
Transportation: $2,000.00  
Radio: $1,200.00

**Estimated total Cost**: $63,103.51
Replacement Analysis-Rescue 22

Option 1: Purchase New Cab & Chassis-Rehabilitate and Transfer Current Storage Box

Recommended Option: Per the attached Fleet Management estimate, this option is estimated to cost $63,104. The cab and chassis of choice is a 2012 Ford F-550 4x4 with a 6.8 liter gasoline engine. The current storage box from current R-22 will be removed, refurbished, rewired and mounted on the new vehicle. Contemporary Code-3 lighting package and communication equipment will be added. This 19,500 pound GVW vehicle will increase carrying weight approximately 3,000 pounds over the current vehicle. This option will not increase storage space but it will carry the weight more efficiently and safely. This option will meet current department needs but will not provide a long-term solution demanded by future growth.

Option 2: Repair Current Vehicle—Initial Estimate $38,000 (Approximate)

Current R-22 is a one-ton 1995 Chevrolet cab and chassis with a small block diesel motor and automatic transmission. It has logged less than 25,000 miles. When purchased, the light duty storage box from the previous generation vehicle was transferred to the new cab and chassis. From the outset, R-22 has been has been at its maximum weight limit. Even though it has received routine service and preventive maintenance, this vehicle has taken a beating over the years. In addition to needing a new diesel motor, the current lightweight automatic transmission will, in all probability, not stand up to a new, high compression diesel motor. The transmission will need replacing. Also, the years of the vehicle carrying the maximum weight load has resulted in both front and rear suspension systems being excessively worn and in need of rehabilitation. Once this vehicle is repaired, it will remain a 1995 vehicle incapable of carrying the needed weight. This is an early estimate. Once the actual work begins expenses could go much higher.

Option 3: Purchase New Rescue Vehicle

A survey of apparatus manufacturers produced the following new vehicles available for immediate delivery. Following prices include CA sales tax and delivery fees:

1. 2011 Hackney/International Terra Star Light Duty Rescue-$120,061
2. 2011 Wynn/Ford F-550 Light Duty Rescue-$111,641
3. 2011 Hackney/Kenworth T370 Medium Duty Rescue-$275,766
4. 2012 Pierce Encore Medium Duty Rescue-$302,000
5. 2011 Wynn/Freightliner Medium Duty Rescue-$178,891
6. 2009 Ford F-550 Light Duty Rescue-$159,862
7. 2009 Westmark/International Medium Duty Rescue-$182,156
8. 2009 Taylor-Made Light Duty Rescue-$139,850

Option 4: Purchase Used Rescue Vehicle (Prices do not include sales tax and delivery)

1. 1993 International 4700-Ambulance; 96,435 miles, $15,000 FOB Olympia WA
2. 2001 Alexis/Chevrolet Medium Duty, 4,000 miles, $77,000 FOB Alabama
3. 2000 EVI/International Medium Duty, 65,000 miles, $119,000 FOB Alabama
4. 1996 SVI/Freightliner Medium Duty, 52,000 miles, $99,000 FOB Alabama
5. 1992 Ford F-700 Medium Duty, 88,200 miles, $49,500 FOB South Carolina
6. 1988 Ford F-800 Medium Duty, 145,000 miles, $19,500 FOB South Carolina
7. 2000 KME/Chevrolet 16' Heavy Duty, 28,000 miles, $189,500 FOB South Carolina
8. 1987 GMC Heavy Duty, 75,000 miles, $29,500 FOB Missouri
9. 1991 Four Guys/Ford F-800 Medium Duty, 17,251 miles, $46,500 FOB Missouri
10. 1997 Ford F-800 Medium Duty, 50,885 miles, $89,800 FOB Missouri