COUNTY AGENDA REQUEST

Department:	Fire and Emergency Services	Presenter(s):	M. Allen McCullough
Meeting Date:	Thursday, December 13, 2012	Type of Request:	Consent

Wording for the Agenda:

Approval of staff's recommendation to allow W.W. Williams to complete the repair of a generator at Fire Station #5, in an amount not to exceed $17,821.07, to pay an additional invoice to Pro Power Solutions in the amount of $869.50 for service calls already completed for repair work, and approval of a Fiscal Year 2013 budget amendment of $18,691.00 to cover this repair cost.

Background/History/Details:

On October 3, 2012, an alarm was recognized on the station panel indicating trouble with the backup power station generator at Fire Station #5. Fleet Maintenance was called to evaluate and schedule needed repairs.

Pro Power Solution was called to diagnose and repair the unit. They identified a bad circuit board and had to order it since one was not readily available. After the bad circuit board was received and installed, the generator still failed. It was later discovered that burnt wires were leading to the alternator "rotor". The technician indicated that the rotor appeared to have either a dead short or that the unit took a lightening strike. Pro Power initially provided a written quote to replace the rotor assembly, but then indicated that the work could be more extensive and costly.

Pro Power and four other vendors then provided responses and amounts to repair the generator The responses and amounts are based on a worst case scenario, although the actual expenditures may be significantly lower than the amounts provided. Staff requests utilizing W.W. Williams to repair the generator in an amount to exceed $17,821.07, while, in addition, to pay Pro Power Solution for the work they have already performed in the amount of $869.50. The potential aggregate cost for this request is $18,690.57.

What action are you seeking from the Board of Commissioners?

Approval of staff's recommendation to authorize W.W. Williams to complete the repair of a generator at Fire Station #5, in an amount not to exceed $17,821.07, to pay an additional invoice to Pro Power Solutions in the amount of $869.50 for service calls already completed for repair work, and approval of Fiscal Year 2013 budget amendments to increase operating equipment services for $14,018 in Fire (75%) and $4,673 in EMS (25%) with funding provided from the unreserved undesignated Fund Balances.

If this item requires funding, please describe:

FY2013 budget amendments are necessary to increase operating equipment services for $14,018 in Fire (75%) and $4,673 in EMS (25%) with funding provided from the unreserved undesignated Fund Balances.

Has this request been considered within the past two years?	No	If so, when?	
Is Audio-Visual Equipment Required for this Request?*	No	Backup Provided with Request?	Yes

**** All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	
Approved by Purchasing	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval	Yes		

Staff Notes:

The total EMS fund balance at 6/30/2012 is $2,041,210 of which $991,175 is unreserved undesignated.
The total Fire fund balance at 6/30/2012 is $2,663,651 of which $658,195 is unreserved undesignated.

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To: Board of Commissioners

From: M. Allen McCullough, Fire Chief
Director of Public Safety

Date: November 27, 2012

Subject: Accept staff's recommendation to repair the generator at Fire Station 5 in the amount not to exceed $18,690.57.

Background/History/Details:
On October 3, 2012, an alarm was recognized on the station panel indicating trouble with the backup power station generator. Fleet Maintenance was called to evaluate and schedule any needed repairs. This generator was installed new at the time of station construction in 2002.

Pro Power Solution was initially called out to diagnose and repair the unit and they identified a bad circuit board (exciter). This circuit board was not readily available and had to be ordered. After receiving and installing the parts, the generator still failed to make power. After further disassembly, they discovered some burnt wires leading to the alternator "rotor". The technician indicated the rotor appeared to either have a dead short or the unit took a lightning strike.

Pro Power Solution provided a written quote to replace the rotor assembly at a cost of $9,839.26, but later indicated it may need a complete alternator assembly. After further discussion, they provided a quote for a worst-case scenario. Below are responses and amounts received from Pro Power Solutions and other vendors for the same scope of work. Note also that we are at $869.50 with Pro Power Solutions for their original service calls.

- Pro Power Solutions — $18,461.10
- Southern Power Systems — Cannot get parts from supplier suggested calling another vendor.
- W.W. Williams — $17,821.07
- Cummins South — Not a Kohler Dealer, advised us to call someone else.
- Queen Capitol — $18,471.00

As previously mentioned, these prices are based on a worst-case scenario. The total amount could be closer to $10,000 if the rotor assembly is the actual problem.

Fire & EMS has explored other solutions including the use of available used generators, monitored the DOAS web site for available units, and considered the cost of a complete replacement unit.

At this time, the recommendation is to authorize W. W. Williams to complete the repair ($17,821.07) and pay the invoice for Pro Power Solutions ($869.50) for service calls already completed in the amount not to exceed $18,690.57.

MAM:ct