



REQUEST FOR BOARD ACTION

ITEM NO. 21.

DATE OF MEETING: May 3, 2010

REQUESTED BY: Rick Benton, County Manager

SHORT TITLE: Resolution Authorizing Purchase Order to Tim's Heating and Air Conditioning, Inc. in the Amount of \$15,656 to Replace Two HVAC Units at DSS; and Authorizing Budget Amendment to Provide Funding Appropriation

BACKGROUND: Two HVAC units over ten years in age at DSS are inoperable and need repair or replacement. The cost of repairs (compressor replacement) is \$9,900 while the cost to replace the units is \$15,656. The recommendation is to replace the units with two new 7.5 ton Trane units, which will carry a five year warranty versus one year for compressor replacement only. A copy of the proposal and justification is attached.

SPECIFIC ACTION REQUESTED: To consider a resolution authorizing a purchase order to Tim's Heating and Air Conditioning, Inc. in the amount of \$15,656 to replace two HVAC units at DSS; and authorizing a budget amendment to provide funding appropriation from fund balance.

COUNTY MANAGER'S RECOMMENDATION

Respectfully recommend approval.


Initial

RESOLUTION

NOW, THEREFORE BE IT RESOLVED by the Pender County Board of Commissioners that:

a purchase order to Tim's Heating and Air Conditioning, Inc. in the amount of \$15,656 to replace two HVAC units at DSS; and a budget amendment to provide funding appropriation in the amount of \$15,656 from general fund balance, is hereby approved. The Chairman/County Manager is authorized to execute any/all documents necessary to implement this resolution.

Transfer From: 10-399000 (\$15,656)
Transfer To: 60-407405-6064 (\$15,656)

AMENDMENTS:

MOVED _____ SECONDED _____

APPROVED _____ DENIED _____ UNANIMOUS

YEA VOTES: Tate ___ Blanchard ___ Brown ___ Rivenbark ___ Williams ___

Jimmy T. Tate, Chairman

Date

ATTEST

Date

Billing: 64 Merganser Loop
Rocky Point, NC 28457
Physical: 103 S Wright St.
Burgaw, NC 28425



Phone: 910-259-8804
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The Name You Can Trust!

4-10-10

To: Paul Parker
Re: Pender County DSS Building (2) 7.5 Ton systems
From: Tim Merritt w/ Tim's Heating and Air Conditioning, Inc. (THAC, Inc.)

Please see below the explanation of justification and reasoning of unit replacements at the Pender County DSS Building.

1. Type of HVAC system currently in place at the DSS building left wing:

Currently all the HVAC units at the DSS building are split heat pumps with refrigerant R-22.

The left wing of the building currently has (2) 7.5 ton Trane Split Heat Pumps with 10 KW heat strips serving this area. The refrigerant in each system is refrigerant R-22. The systems are 10 years of age.

Repair = \$ 9,900

2. Reason for replacement vs. repairing:

Replace (also) = \$ 15,656

It is our (THAC, Inc.) recommendation to replace (2) 7.5 ton systems rather than repairing systems as follows:

- * Both systems have bad compressors and due to the cost to replace it would be better served replacing systems.
- * New systems would operate with new refrigerant 410- refrigerant. Existing refrigerant R-22 to be phased out by 2020.
- * Replacing systems with Trane equipment. By replacing with Trane equipment existing heat strips are able to be reused saving approximately \$960.00.
- * New system would operate more efficiently.
- * New Air Handler would be an easier replacement due to sizes being same as original A/H.
- * Warranty; replacement compressors have only a 1 year replacement warranty. New systems would have a minimum of 5 year compressor warranty. Also, compressor warranty could be extended to 10 year if chosen.

If I can be of any further assistance on this matter please call me at my office or my mobile.

Thanks much,

Tim Merritt pres. / THAC, Inc.

