



# **VIRGINIA BEACH CITY PUBLIC SCHOOLS**

A H E A D O F T H E C U R V E

## **NOTICE OF SOLE SOURCE OR EMERGENCY PROCUREMENT**

**Date:** February 28, 2007

**Vendor/Contractor:** Damuth Trane Services

**Requisition and Contract Amount:** Requisition SCPL-7-0066265/ \$104,000

**Description of Services:** HVAC / EMC SYSTEM UPGRADES

**Sole Source Determination:** As per the attached documents

**Date of Award:** February 28, 2007

FEB28'07 AM 11:46 AM '07



# **VIRGINIA BEACH CITY PUBLIC SCHOOLS**

A H E A D O F T H E C U R V E

## **MEMORANDUM**

**TO:** The Record

**FROM:** John A. Manzella, CPPB *JAM*  
Purchasing Services

**SUBJECT:** SOLE SOURCE PURCHASE – HVAC / EMC SYSTEM UPGRADES

**DATE:** February 28, 2007

The service requested on the attached Requisitions will not be formally bid. School Plant has documented on the attached letter that due to software compatibility only Damuth Trane Services can do the required work to extend the existing EMC SYSTEM at the respective Schools.

Damuth Trane Services is the only authorized distributor for these products in this geographic area, therefore purchase of these items are sole source.

JAM/kc



**VIRGINIA BEACH CITY PUBLIC SCHOOLS**  
A H E A D O F T H E C U R V E

**MEMORANDUM**

**TO:** Kevin Beardsley

**FROM:** Fran Foster  
Director  
John H. Hasher  
Mechanical Systems Coordinator

**SUBJECT:** SOLE SOURCE PURCHASE – HVAC / EMC SYSTEM UPGRADES

**DATE:** February 23, 2007

The attached Requisition is for alterations to the existing energy management systems at various Schools. When dealing with Direct Digital Controls (DDC), there are many components of the system that must work together. When upgrading existing equipment, we tend to only address one group of components at a time. Throughout this process we must maintain the ability for each piece of equipment to communicate with the remaining parts. This equipment is vendor specific and can only be procured by one source in this geographic zone. The existing systems in these schools are Trane; therefore in order to uphold the compatibility with the existing systems no other control contractor can make the required changes to the program.

This project consists of upgrading of BMTS controllers to BMTX controllers. This is a direct result of improved technology allowing for more data transfer at a greater speed. These BMTX's are vendor specific and interact with other equipment (UPCM's) out in the schools. The UPCM's are individual controllers for each piece of equipment, typically between 50-200 per school. Only Trane BMTX's can interact with Trane UPCM's. Additionally, only Trane can purchase and install Trane-type products.

Currently we use dial up modems in each facility to communicate with our control panels. This is an outdated process that is slow and subject to many errors. While this has been our standard for many years, we believe that this project will upgrade our ability to communicate more efficiently with the buildings. The server that Trane has installed is loaded with TRACER software which will allow the server to talk directly to the BMTX's in the schools via the Ethernet without any other equipment. Any additional hardware installed between the server and BMTX will decrease the reliability dramatically. Additionally any in-between software will not be able to be upgraded at the same rate as the control software. This will pose problems in the future as new technology becomes available. We do not want to install Interpreters or Ethernet modems at each school to accomplish this task. When dealing with technology, increased equipment poses an increased potential for problems.

*Approved: J. Kevin Beardsley  
2/28/07*

# REQUISITION



**Justification:** SERVICE -VARIOUS

Required Date:	Fiscal Yr:	Requisition No.
Requested Date: 02/22/2007	07	SCPL-7-0066265
Phone: (757) 263 - 1175		
Vendor: DAMUTH TRANE/DAMUTH SERVICE		

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MR.FRAN FOSTER  
SCHOOL PLANT SERVICES  
213 NORTH WITCHDUCK ROAD  
VIRGINIA BEACH, VA 23462

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OFFICE OF BUSINESS SERVICES  
P.O. BOX 6038  
VIRGINIA BEACH, VA 23456

Requesting Department		Requestor	Phone #			Requisition Type				
SCPL - SCHOOL PLANT		PAT HANEY	(757) 473 - 5190			ST - STANDARD				
Item	Class-Item and Description	Quantity	Unit	Unit Price	Total					
1	PROVIDE TRANE TRACER ES INTERNET CAPABILITIES FOR PEMBROKE MEADOWS ES, THREE OAKS ES, TRANTWOOD ES, HERMITAGE ES, CORPORATE LANDING MS, ARROWHEAD ES PER ATTACHED PROPOSAL  SOLE SOURCE LETTER ATTACHED  WORK CAN BEGIN MARCH 1, 2007, AND MUST BE COMPLETED BY AUGUST 24, 2007  CONTACT JOHN HASHER AT 473-5190 TO COORDINATE WORK SCHEDULE  <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <th style="width: 60%;">Account Number</th> <th>Amount</th> </tr> <tr> <td>115.57200.603201</td> <td style="text-align: right;">\$104,000.00</td> </tr> </table>	Account Number	Amount	115.57200.603201	\$104,000.00	1.00	EA	\$104,000.00	\$104,000.00	
Account Number	Amount									
115.57200.603201	\$104,000.00									
				Discount:	\$(0.00)					
<b>TOTAL:</b>					<b>\$104,000.00</b>					

Request submitted by: _____ <p style="text-align: center;">Name Title</p>	We the undersigned, by approving this requisition, hereby certifies that, to the best of his/her knowledge, the requisition fully complies with all provisions of the State and Local Government Conflict of Interest Act (Code of Virginia, 2.2-3106 et seq.)
Request approved by: _____ <p style="text-align: center;">Name Title</p>	
Purchase authorized by: _____ <p style="text-align: center;">(For School Board use Only)</p>	Purchase action taken by: _____ <p style="text-align: center;">OBS/Purchasing Division</p>