



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: March 21, 2006

Vendor/Contractor: Damuth Trane

Requisition and Contract Amount: Requisition SCPL-6-0053491 - \$56,364.08

Description of Services: HVAC **Direct Digital Controls Upgrades**

Sole Source Determination: As per the attached documents

Date of Award: March 21, 2006



IRGINIA 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 Direct Digital Controls Upgrades

DATE: March 21, 2006

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 can do the required work to extend the existing HVAC Direct Digital Controls Upgrades at the respective Schools.

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

JAM/kc

Approved: *J. Ken Blasby* 3/15/06





VIRGINIA BEACH CITY PUBLIC SCHOOLS

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

MEMORANDUM

TO: Kevin Beardsley

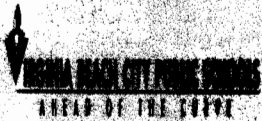
FROM: Fran Foster 
Director
John H. Hasher 
Mechanical Systems Coordinator

SUBJECT: SOLE SOURCE PURCHASE – HVAC / EMC SYSTEM UPGRADES

DATE: February 13, 2005

The attached Requisition is for alterations to the existing energy management systems at Corporate Landing Middle School. 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 system in this school is Trane, therefore in order to uphold the compatibility with the existing system no other control contractor can make the required changes to the programs and system.

PURCHASE REQUISITION



VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2912 GEORGE WASON DRIVE
VIRGINIA BEACH VA 23462

Entered Date: 02/16/2008
Required Date:

Justification: SERVICE - CORPORATE LANDING MS

VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL PLANT SERVICES
213 NORTH WITCHDUCK ROAD
VIRGINIA BEACH VA 23462

Vendor: DANRUTH TRANSDATA/774 BERRY PAVEMENT (757) 495-2300

VIRGINIA BEACH CITY PUBLIC SCHOOLS
OFFICE OF BUSINESS SERVICES
P.O. BOX 9938
VIRGINIA BEACH VA 23468

Requesting Department	Requester	Phone #	Requisition Type
SCHOOL PLANT	HASHER, JOHN		ST

Item	Class-Item and Description	Quantity	Unit	Unit Price	Total
1.0	<p>REMOVE INLET VANES AND INSTALL VARIABLE FREQUENCY DRIVES ON AIR HANDLER UNITS #3, 12, 16, 5, 1 AND ROOFTOP UNITS #1 AND 2 AT CORPORATE LANDING MS PER ATTACHED PROPOSAL.</p> <p>CONTACT JOHN HASHER AT 473-5190 TO SCHEDULE WORK</p> <p>WORK TO COMMENCE JUNE 19, 2008, AND FINISH BY AUGUST 14, 2008. ANY WORK NOT COMPLETED BY AUGUST 14 MUST BE COMPLETED AFTER HOURS WITH NO ADDITIONAL COMPENSATION</p> <p>SOLE SOURCE LETTER ATTACHED</p>	1.00	EA	\$56,364.08	\$56,364.08
Subtotal:					\$56,364.08
TOTAL:					\$56,364.08

VBCPS Accounting Information

ACCOUNT NUMBER	AMOUNT
115.57200.603201	\$56,364.08

RECEIVED

MAR 13 2008

VIRGINIA BEACH CITY
SCHOOL BOARD
BUSINESS SERVICES

Request submitted by: *[Signature]* 2/16/08

Request approved by: *[Signature]*

Purchase authorized by: *[Signature]*

Purchase action taken by: _____

KH

50PL-6-005 3491

Corporate Landing Middle School Variable Frequency Drive Replacement

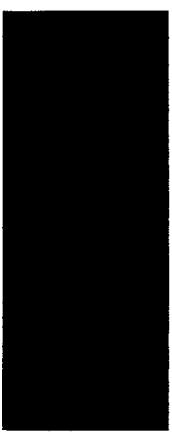
	SUPPLY	List Price	COST	RETURN	List Price	COST	CONTROLS	Critical Zone Reset	TOTAL	Completed
AHU # 15	25 HP	4,080.00	1,922.80	3 HP	1,225.00	752.25	3,990.00	1,435.00	8,100.05	YES
AHU # 7	15 HP	2,485.00	1,268.85	3 HP	1,225.00	752.25	3,990.00	1,435.00	7,446.10	YES
AHU # 8	10 HP	1,910.00	1,033.10	3 HP	1,225.00	752.25	3,990.00	1,435.00	7,210.35	YES
AHU # 9	7.5 HP	1,825.00	998.25	2 HP	1,225.00	752.25	3,990.00	1,435.00	7,175.50	YES
AHU # 10	15 HP	3,155.00	1,543.55	3 HP	1,225.00	752.25	3,990.00	1,435.00	7,720.80	YES
AHU # 3	25 HP	4,080.00	1,922.80	5 HP	1,430.00	836.30	3,990.00	1,435.00	8,184.10	2
AHU # 12	20 HP	3,155.00	1,543.55	3 HP	1,225.00	752.25	3,990.00	1,435.00	7,720.80	2
AHU # 16	20 HP	3,155.00	1,543.55	5 HP	1,430.00	836.30	3,990.00	1,435.00	7,804.85	2
RTU # 2	20 HP	4,828.00	2,228.66	5 HP	1,430.00	836.30	3,990.00	1,435.00	7,953.66	2
RTU # 1	15 HP	3,857.00	1,831.37	5 HP	1,430.00	836.30	3,990.00	1,435.00	7,256.37	2
AHU # 1	15 HP	2,485.00	1,268.85	5 HP	1,430.00	836.30	3,990.00	1,435.00	7,530.15	2
AHU # 5	15 HP	2,485.00	1,268.85	5 HP	1,430.00	836.30	3,990.00	1,435.00	7,530.15	2
AHU # 6	15 HP	2,485.00	1,268.85	3 HP	1,225.00	752.25	3,990.00	1,435.00	7,446.10	2
AHU # 13	15 HP	2,485.00	1,268.85	5 HP	1,430.00	836.30	3,990.00	1,435.00	7,530.15	2
AHU # 14	15 HP	2,485.00	1,268.85	5 HP	1,430.00	836.30	3,990.00	1,435.00	7,530.15	2
AHU # 2	10 HP	1,910.00	1,033.10	3 HP	1,225.00	752.25	3,990.00	1,435.00	7,210.35	2
AHU # 11	10 HP	1,910.00	1,033.10	2 HP	1,225.00	752.25	3,990.00	1,435.00	7,210.35	2
TOTAL PROJECT										128,259.98

1 - Next phase
5% increase
TOTAL

2 - Next phase
5% increase
TOTAL

2005

2006



* Summer 2006

*



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: March 21, 2006

Vendor/Contractor: Siemens Technologies

Requisition and Contract Amount: Requisition SCPL-6-0053495 - \$70,234.00

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

Sole Source Determination: As per the attached documents

Date of Award: March 21, 2006



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: March 21, 2006

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 Siemens Building Technologies/Landis Division can do the required work to extend the existing EMC SYSTEM at the respective Schools.

Siemens Building Technologies/Landis Division is the only authorized distributor for these products in this geographic area, therefore purchase of these items are sole source.

JAM/kc

Approved: *J. Kevin Blasky* 3/15/06





IRGINIA 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 13, 2005

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 Siemens; therefore in order to uphold the compatibility with the existing systems no other control contractor can make the required changes to the program.

The first part of this project is the upgrading of Stand-alone Control Units (SCU) to Modular Building Controllers (MBC). This is a direct result of improved technology allowing for more data transfer at a greater speed. These projects were already scheduled for this summer and need to be accomplished regardless of the web-based project. These SCU's and MBC's are vendor specific and interact with other equipment (TEC's) out in the schools. The TEC's are individual controllers for each piece of equipment, typically between 50-200 per school. Only Siemens SCU's or MBC's can interact with Siemens TEC's. Additionally, only Siemens can purchase and install Siemens-type products.

The second part of this project is going to the APOGEE Ethernet upgrade. 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 Siemens will be installing will be loaded with APOGEE software which will allow the server to talk directly to the MBC's in the schools via the Ethernet without any other equipment. Any additional hardware installed between the server and MBC 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.

The approximate breakdown of this project is as follows:

-\$135,175 – equipment upgrade (SCU-MBC)

-\$25,000 – graphics and server

PURCHASE REQUISITION

VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2042 BUCKINGHAM DRIVE
VIRGINIA BEACH VA 23462

18787 07 131 0077

Entered Date: 02/10/2008
Required Date:

Justification Number - 54,281 148

VIRGINIA BEACH CITY PUBLIC SCHOOLS
 SCHOOL PLANT SERVICES
 213 NORTH WYOMING ROAD
 VIRGINIA BEACH VA 23462

Vendor: VIRGINIA BEACH CITY PUBLIC SCHOOLS

VIRGINIA BEACH CITY PUBLIC SCHOOLS
OFFICE OF BUSINESS SERVICES
P.O. BOX 2028
VIRGINIA BEACH VA 23462

Requesting Department	Requestor	Priority	Request Type		
SCHOOL PLANT	HASHER, JOHN		ST		
Item	Class Item and Description	Quantity	Unit	Unit Price	Total
1.0	FURNISH & INSTALL APOGEE ETHERNET MDC PANEL UPGRADE AT SALEM HS PER ATTACHED PROPOSAL CONTACT JOHN HASHER AT 473-6190 TO SCHEDULE WORK WORK TO COMMENCE JUNE 19, 2008, AND FINISH AUGUST 18, 2008. ANY WORK NOT COMPLETED BY AUGUST 18 MUST BE COMPLETED AFTER HOURS WITH NO ADDITIONAL COMPENSATION SOLE SOURCE LETTER ATTACHED	1.00	EA	\$70,234.00	\$70,234.00
Subtotal:					\$70,234.00
TOTAL:					\$70,234.00

VBCPS Accounting Information

ACCOUNT NUMBER	AMOUNT
115.57200.603201	\$70,234.00

RECEIVED
MAR 13 2008
VIRGINIA BEACH CITY
SCHOOL BOARD
BUSINESS SERVICES

Request submitted by:

Request approved by:

Purchase authorized by:

Purchase action taken by:

SIEMENS

- Mr. John Hasher
- Virginia Beach City Public Schools
- 213 N. Witchduck Road
- Virginia Beach, Virginia 23462

SERVICE PROPOSAL

No: Q-0579
Date: 11/3/05
Limiting Date: 01/31/06

Project: SCU and MBC APOGEE Ethernet MBC Panel Upgrades for Five (5) Schools

Proposal: We propose to furnish and install APOGEE Ethernet MBC panel upgrades for Salem HS, Green Run HS, Tallwood HS, StrawbridgeES, and BF Williams ES. Includes all labor, material, wiring, programming, start-up and check-out of the entire system.

Included:

Salem HS:	Five (5) SCU upgrades and Three (3) MBC upgrades	<i>SCA- 6-0053495</i>	\$70,234.00
Green Run HS:	One (1) SCU upgrade and Three (3) MBC upgrades		\$30,511.00
Tallwood HS	Two (2) SCU upgrades		\$21,880.00
Strawbridge ES:	One (1) SCU upgrade and Two (2) MBC upgrades		\$23,135.00
BF Williams ES:	One (1) SCU upgrade and One (1) MBC upgrade		<u>\$14,415.00</u>
TOTAL COST:			<u>\$160,175.00</u>

- Connect to existing Siemens APOGEE System 600 Graphical Workstation Server.
- System Graphics. Equipment only, no floor plans.
- APOGEE database conversion.
- 20 Hours Training.
- All work will be accomplished during normal working hours.
- Tie-into the existing Siemens Building Technologies System 600.
- Terms of Payment: Monthly Progress Payments.

Excluded:

- Ethernet drops to the new Ethernet MBC panels.
- Maintenance of VBCPS Ethernet system.
- All SCU panels and MBC Controller Modules to be returned to Siemens.

Cost: \$160,175.00

If you have any questions in reference to this proposal, please feel free to contact our office.

Sincerely,
Siemens Building Technologies, Inc.

Matthew T. Eyler
Account Executive

Siemens Building Technologies, Inc.

Landis Division
5269 Cleveland Street, Suite 101
Virginia Beach, VA 23462

Tel: (757) 490-6026
Fax: (757) 490-0610