

NOTICE OF SOLE SOURCE PROCUREMENT

Date: Thursday, March 02, 2006

Vendor/Contractor: Siemens Building Technology, Inc.

Contract Amount: Requisition #SCPL-6-0052902 - \$ 26,800.00
Requisition #SCPL-6-0052901 - \$ 82,150.00
Requisition #SCPL-6-0052899 - \$ 97,800.00
Requisition #SCPL-6-0052900 - \$ 75,660.00
Requisition #SCPL-6-0052898 - \$ 98,595.00
Requisition #SCPL-6-0052897 - \$101,260.00
Total: \$482,265.00

Description of Services: Upgrades of existing HVAC systems at various schools

Sole Source Determination: Proprietary technology required to upgrade existing systems.

Date of Award: March 6, 2006



VIRGINIA BEACH CITY PUBLIC SCHOOLS

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

MEMORANDUM

TO: Tony Arnold

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

SUBJECT: SOLE SOURCE PURCHASE – HVAC / EMC SYSTEM UPGRADES

DATE: January 24, 2006

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 system.

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 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 this 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 This is an outdated process that is slow and subject to many errors.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 has installed is 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.

Approved: J. Blady 3/2/06

PURCHASE REQUISITION



VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2512 GEORGE MASON DRIVE
VIRGINIA BEACH VA 23456

Entered Date: 01/25/2006	FY 06	Requisition No. SCPL-6-0052902
Required Date:		

Justification: SERVICE - RED MILL ES	
S H I P T O	VIRGINIA BEACH CITY PUBLIC SCHOOLS SCHOOL PLANT SERVICES 213 NORTH WITCHDUCK ROAD VIRGINIA BEACH VA 23462

Vendor: SIEMENS BLDG TECH INC Phone: (757) 490-6026 ext.	
I N V O I C E	VIRGINIA BEACH CITY PUBLIC SCHOOLS OFFICE OF BUSINESS SERVICES P.O. BOX 6038 VIRGINIA BEACH VA 23456

Requesting Department	Requestor	Phone #	Requisition Type		
SCHOOL PLANT	HASHER, JOHN		ST		
Item	Class-Item and Description	Quantity	Unit	Unit Price	Total
1.0	FURNISH & INSTALL APOGEE ETHERNET MBC PANEL UPGRADES FOR RED MILL ES PER ATTACHED PROPOSAL AND ETHERNET UPGRADE SPECIFICATIONS SOLE SOURCE LETTER ATTACHED	1.00	EA	\$26,800.00	\$26,800.00
Subtotal:					\$26,800.00
TOTAL:					\$26,800.00

VBCPS Accounting Information

460.00000 . 603407.1001000 . 5000

Request submitted by:	425/66 <small>Name Title</small>
Request approved by:	 <small>Name Title</small>
Purchase authorized by:	 <small>Name Title</small>

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.)

Purchase action taken by: _____

PURCHASE REQUISITION



VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2512 GEORGE MASON DRIVE
VIRGINIA BEACH VA 23456

Entered Date: 01/25/2006	FY	Requisition No.
Required Date:	06	SCPL-6-0052901

Justification: SERVICE - OCEAN LAKES HS	
S H I P T O	VIRGINIA BEACH CITY PUBLIC SCHOOLS SCHOOL PLANT SERVICES 213 NORTH WITCHDUCK ROAD VIRGINIA BEACH VA 23462

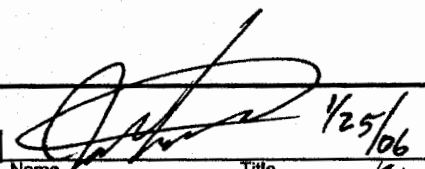
Vendor: SIEMENS BLDG TECH INC Phone: (757) 490-6026 ext.	
I N V O I C E	VIRGINIA BEACH CITY PUBLIC SCHOOLS OFFICE OF BUSINESS SERVICES P.O. BOX 6038 VIRGINIA BEACH VA 23456

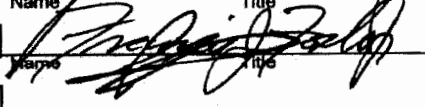
Requesting Department	Requestor	Phone #	Requisition Type		
SCHOOL PLANT	HASHER, JOHN		ST		
Item	Class-Item and Description	Quantity	Unit	Unit Price	Total
1.0	FURNISH & INSTALL APOGEE ETHERNET MBC PANEL UPGRADES PER ATTACHED PROPOSAL AND ETHERNET UPGRADE SPECIFICATIONS SOLE SOURCE LETTER ATTACHED	1.00	EA	\$82,150.00	\$82,150.00
Subtotal:					\$82,150.00
TOTAL:					\$82,150.00

VBCPS Accounting Information

460.00000-603407.1001000.5000

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 submitted by:  1/25/06
Name Title

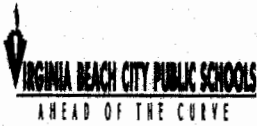
Request approved by: 
Name Title

Purchase authorized by: _____

Purchase action taken by: _____

SPM 3/1/06

PURCHASE REQUISITION



VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2512 GEORGE MASON DRIVE
VIRGINIA BEACH VA 23456

Entered Date: 01/25/2006	FY	Requisition No.
Required Date:	06	SCPL-6-0052899

Justification: SERVICE - TALLWOOD ES

S H I P T O	VIRGINIA BEACH CITY PUBLIC SCHOOLS SCHOOL PLANT SERVICES 213 NORTH WITCHDUCK ROAD VIRGINIA BEACH VA 23462
--	--

Vendor: SIEMENS BLDG TECH INC Phone: (757) 490-6026 ext.

I N V O I C E	VIRGINIA BEACH CITY PUBLIC SCHOOLS OFFICE OF BUSINESS SERVICES P.O. BOX 6038 VIRGINIA BEACH VA 23456
--	---

Requesting Department	Requestor	Phone #	Requisition Type		
SCHOOL PLANT	HASHER, JOHN		ST		
Item	Class-Item and Description	Quantity	Unit	Unit Price	Total
1.0	FURNISH & INSTALL AN EXTENSION OF EXISTING SIEMENS BLDG TECHNOLOGIES ENVIRONMENTAL CONTROL, ENERGY MANAGEMENT AND/OR BUILDING AUTOMATION SYSTEM FOR TALLWOOD ES PER ATTACHED PROPOSAL AND ETHERNET UPGRADE SPECIFICATIONS SOLE SOURCE LETTER ATTACHED	1.00	EA	\$97,800.00	\$97,800.00
				Subtotal:	\$97,800.00
				TOTAL:	\$97,800.00

VBCPS Accounting Information

460.00000.403407.100.1000.5000

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 submitted by: [Signature] 1/25/06
Name Title

Request approved by: [Signature]
Name Title

Purchase authorized by: _____
Name Title

Purchase action taken by: _____

Sam
3/1/06

PURCHASE REQUISITION



VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2512 GEORGE MASON DRIVE
VIRGINIA BEACH VA 23456

Entered Date: 01/25/2006	FY	Requisition No.
Required Date:	06	SCPL-6-0052900

Justification: SERVICE - SALEM ES	
S H I P T O	VIRGINIA BEACH CITY PUBLIC SCHOOLS SCHOOL PLANT SERVICES 213 NORTH WITCHDUCK ROAD VIRGINIA BEACH VA 23462

Vendor: SIEMENS BLDG TECH INC Phone: (757) 490-6026 ext.	
I N V O I C E	VIRGINIA BEACH CITY PUBLIC SCHOOLS OFFICE OF BUSINESS SERVICES P.O. BOX 6038 VIRGINIA BEACH VA 23456

Requesting Department	Requestor	Phone #	Requisition Type		
SCHOOL PLANT	HASHER, JOHN		ST		
Item	Class-Item and Description	Quantity	Unit	Unit Price	Total
1.0	FURNISH & INSTALL AN EXTENSION OF EXISTING SIEMENS BLDG TECHNOLOGIES ENVIRONMENTAL CONTROL, ENERGY MANAGEMENT AND/OR BUILDING AUTOMATION SYSTEM FOR SALEM ES PER ATTACHED PROPOSAL AND ETHERNET UPGRADE SPECIFICATIONS SOLE SOURCE LETTER ATTACHED	1.00	EA	\$75,660.00	\$75,660.00
Subtotal:					\$75,660.00
TOTAL:					\$75,660.00

VBCPS Accounting Information

460.00000.603407.1001000.5000

Request submitted by: [Signature] 1/25/06
Name Title

Request approved by: [Signature]
Name Title

Purchase authorized by: _____
Name Title

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.)

Purchase action taken by: _____
OBS/Purchasing Division

SRM
3/1/06

PURCHASE REQUISITION



VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2512 GEORGE MASON DRIVE
VIRGINIA BEACH VA 23456

Entered Date: 01/25/2006	FY	Requisition No.
Required Date:	06	SCPL-6-002898

Justification: SERVICE - PARKWAY ES

S H I P T O	VIRGINIA BEACH CITY PUBLIC SCHOOLS SCHOOL PLANT SERVICES 213 NORTH WITCHDUCK ROAD VIRGINIA BEACH VA 23462
--	--

Vendor: SIEMENS BLDG TECH INC Phone: (757) 490-8026 ext.

I N V O I C E	VIRGINIA BEACH CITY PUBLIC SCHOOLS OFFICE OF BUSINESS SERVICES P.O. BOX 6038 VIRGINIA BEACH VA 23456
--	---

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

Item	Class-Item and Description	Quantity	Unit	Unit Price	Total
1.0	FURNISH & INSTALL AN EXTENSION OF EXISTING SIEMENS BLDG TECHNOLOGIES ENVIROMENTAL CONTROL, ENERGY MANAGEMENT AND/OR BUILDING AUTOMATION SYSTEM FOR PARKWAY ES PER ATTACHED PROPOSAL & ETHERNET UPGRADE SPECIFICATIONS SOLE SOURCE LETTER ATTACHED	1.00	EA	\$98,595.00	\$98,595.00
Subtotal:					\$98,595.00
TOTAL:					\$98,595.00

VBCPS Accounting Information

460.00000.603407.001000.5000

Request submitted by: [Signature] ^{1/25/06}
Name: _____ Title: _____

Request approved by: [Signature]
Name: _____ Title: _____

Purchase authorized by: _____
(For School Board Use Only)

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.)

Purchase action taken by: _____
OBS/Purchasing Division

PURCHASE REQUISITION



VIRGINIA BEACH CITY PUBLIC SCHOOLS
SCHOOL ADMINISTRATION BUILDING
2512 GEORGE MASON DRIVE
VIRGINIA BEACH VA 23456

Entered Date: 01/25/2006	FY 06	Requisition No. SCPL-6-0052897
Required Date:		

Justification: SERVICE - ROSEMONT FOREST ES	
S H I P T O	VIRGINIA BEACH CITY PUBLIC SCHOOLS SCHOOL PLANT SERVICES 213 NORTH WITCHDUCK ROAD VIRGINIA BEACH VA 23462

Vendor: SIEMENS BLDG TECH INC Phone: (757) 490-6026 ext.	
I N V O I C E	VIRGINIA BEACH CITY PUBLIC SCHOOLS OFFICE OF BUSINESS SERVICES P.O. BOX 6038 VIRGINIA BEACH VA 23456

Requesting Department	Requestor	Phone #	Requisition Type		
SCHOOL PLANT	HASHER, JOHN		ST		
Item	Class-Item and Description	Quantity	Unit	Unit Price	Total
1.0	FURNISH & INSTALL AN EXTENSION OF EXISTING SIEMENS BLDG TECHNOLOGIES ENVIRONMENTAL CONTROL, ENERGY MANAGEMENT AND/OR BUILDING AUTOMATION SYSTEM FOR ROSEMONT FOREST ES PER ATTACHED PROPOSAL & ETHERNET UPGRADE SPECIFICATIONS SOLE SOURCE LETTER ATTACHED	1.00	EA	\$101,260.00	\$101,260.00
Subtotal:					\$101,260.00
TOTAL:					\$101,260.00

VBCPS Accounting Information

460.00000.603407.1001000.5000

Request submitted by:	4/25/06
Request approved by:	
Purchase authorized by:	

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.)

Purchase action taken by:	OBS/Purchasing Division
---------------------------	-------------------------

SM
3/1/06