



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: Siemens Building Technologies

Requisition and Contract Amount: Requisition SCPL-7-0066270 / \$121,260.00

Description of Services: HVAC / EMC SYSTEM UPGRADES

Sole Source Determination: As per the attached documents

Date of Award: February 28, 2007

FEB28/07 11:37 AM



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
Purchasing Services *JAM*

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 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



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 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 has installed is loaded with APOGEE software which will allow the server to talk directly to the new 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. Ken Beardsley*
2/28/07

REQUISITION



Justification: SERVICE - VARIOUS SCHOOLS

Required Date: Requested Date: 02/23/2007 Phone: (757) 263 - 1175 Vendor: SIEMENS BLDG TECH INC	Fiscal Yr: 07	Requisition No. SCPL-7-0066270
--	------------------	--

**S
H
I
P
T
O**

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

**I
N
V
O
I
C
E**

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	ETHERNET PANEL UPGRADES AT BIRDNECK ES PER ATTACHED PROPOSAL SOLE SOURCE LETTER ATTACHED WORK MAY 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: 70%;">Account Number</th> <th style="width: 30%;">Amount</th> </tr> <tr> <td>115.57200.803201</td> <td style="text-align: right;">\$26,365.00</td> </tr> </table>	Account Number	Amount	115.57200.803201	\$26,365.00	1.00	EA	\$26,365.00	\$26,365.00
Account Number	Amount								
115.57200.803201	\$26,365.00								
2	ETHERNET PANEL UPGRADES AT FIRST COLONIAL HS PER ATTACHED PROPOSAL SOLE SOURCE LETTER ATTACHED WORK MAY 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: 70%;">Account Number</th> <th style="width: 30%;">Amount</th> </tr> <tr> <td>115.57200.803201</td> <td style="text-align: right;">\$29,320.00</td> </tr> </table>	Account Number	Amount	115.57200.803201	\$29,320.00	1.00	EA	\$29,320.00	\$29,320.00
Account Number	Amount								
115.57200.803201	\$29,320.00								

REQUISITION



Justification: SERVICE - VARIOUS SCHOOLS

Required Date: Requested Date: 02/23/2007 Phone: (757) 263 - 1175 Vendor: SIEMENS BLDG TECH INC	Fiscal Yr: 07	Requisition No. SCPL-7-0066270
--	------------------	--

**S
H
I
P
T
O**

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

**I
N
V
O
I
C
E**

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				
3	ETHERNET PANEL UPGRADES AT COX HS PER ATTACHED PROPOSAL SOLE SOURCE LETTER ATTACHED WORK MAY 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: 70%;">Account Number</th> <th style="width: 30%;">Amount</th> </tr> <tr> <td>115.57200.603201</td> <td style="text-align: right;">\$24,620.00</td> </tr> </table>	Account Number	Amount	115.57200.603201	\$24,620.00	1.00	EA	\$24,620.00	\$24,620.00
Account Number	Amount								
115.57200.603201	\$24,620.00								
4	ETHERNET PANEL UPGRADES AT PLAZA ES PER ATTACHED PROPOSAL SOLE SOURCE LETTER ATTACHED WORK MAY 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: 70%;">Account Number</th> <th style="width: 30%;">Amount</th> </tr> <tr> <td>115.57200.603201</td> <td style="text-align: right;">\$21,085.00</td> </tr> </table>	Account Number	Amount	115.57200.603201	\$21,085.00	1.00	EA	\$21,085.00	\$21,085.00
Account Number	Amount								
115.57200.603201	\$21,085.00								

REQUISITION



Justification: SERVICE - VARIOUS SCHOOLS

Required Date: Requested Date: 02/23/2007 Phone: (757) 263 - 1175 Vendor: SIEMENS BLDG TECH INC	Fiscal Yr: 07	Requisition No. SCPL-7-0066270
--	------------------	--

**S
H
I
P
T
O**

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

**I
N
V
O
I
C
E**

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				
5	ETHERNET PANEL UPGRADES AT TECH ED CENTER PER ATTACHED PROPOSAL SOLE SOURCE LETTER ATTACHED WORK MAY 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;"> <thead> <tr> <th style="width: 60%;">Account Number</th> <th style="width: 40%;">Amount</th> </tr> </thead> <tbody> <tr> <td>115.57200.603201</td> <td style="text-align: right;">\$19,870.00</td> </tr> </tbody> </table>	Account Number	Amount	115.57200.603201	\$19,870.00	1.00	EA	\$19,870.00	\$19,870.00
Account Number	Amount								
115.57200.603201	\$19,870.00								
Discount:					\$(0.00)				
TOTAL:					\$121,260.00				

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>	