

Unisys Corporation NorthGate Business Park 304 340 4400 290 Association Drive Charleston, WV 25311

Telephone 304 340 4423 Fax

January 29, 2008

West Virginia Purchasing Division Department of Administration **Building 15** 2019 Washington Street, East Charleston, WV 25305-0130

Dear Sir or Madam:

Unisys Corporation is pleased to provide the enclosed quotation for RFQ Number AUD083280.

Please review the enclosed quotations for Computer Room Air Conditioning and an Uninterruptible Power System. Should you require any additional information, please call Mr. Kennedy at 518-331-0491.

We at Unisys appreciate the continued interest of the West Virginia State Auditor's Office in our products and services.

Sincerely,

Michael Kennedy Portfolio Sales Executive Lara C. Novino Contracts Manager



Statement of Understanding

This proposal has been prepared in accordance with Unisys understanding of your requirements based on the information provided. All timings, flow charts, system design and related information contained in this proposal represent Unisys best estimates. However, since the actual results in your particular operations (including among other aspects speeds, personnel requirements and costs) may vary from those indicated in the proposal due to variations in software, programs, volume, environment, personnel, and other factors, the final determination that the proposed products and services meet your requirements must be yours.

This proposal contains confidential information of Unisys Corporation. In consideration of the receipt of this document, recipient agrees not to reproduce or make this information available in any manner to persons outside the group directly responsible for evaluation of its contents, except as required by law.

The Unisys products and services contained in this proposal (HVAC and UPS equipment, installation and maintenance) will be supplied under the terms and conditions set forth in the Unisys - State of West Virginia Master Agreement #95010052, a copy of which is on file at the West Virginia Department of Administration and at the West Virginia Attorney General's Office, and the attached Amendment to that Agreement which incorporates our agreement for Limitation of Liability. Should an award be made to Unisys, Client shall reference this quote on its order and include a copy of this quote and the signed Amendment.

This proposal is valid for 90 days unless extended by Unisys in writing.



Amendment to existing Master Agreement

West Virginia Purchase Requisition Number: AUD083280

Description of Product/Services: HVAC and UPS equipment, installation and maintenance

Total Charges of Products/Services: \$ 249,979

(1) Despite any terms to the contrary in the Agreement any third party commercial off the shelf (COTS) software provided under the above referenced order shall be subject to any customary license terms of the licensor that accompany the product whether in the form of a shrink wrap, click wrap, click through, browse through or any other form.

(2) In accordance with Section 14.1 of the West Virginia Master Agreement #95010052, the parties agree to the following limitation of liability for direct damages for the above referenced order.

The entire liability of Unisys and Customer's exclusive remedy for damages from any cause related to or arising out of this Agreement, regardless of form or action, will not exceed the greater of (a) \$100,000 or (b) the charges paid to Unisys during the 24 month period immediately prior to Customer's notice of intent to initiate action. Such limitation of liability shall not apply to claims for personal injury, wrongful death or tangible property damage or claims under Section 15 (Patent, Copyright and Trade Secret Indemnification).

(3) Requirements for products to operate to the "satisfaction" of the State are clarified and limited as follows:

Acceptance of equipment is limited to a test of the equipment supplied to verify its operability and completion of the installation service. Unisys personnel shall have the right to be present and participate in the test, and the test shall be performed within ten (10) days of Unisys notification to the State that the equipment is installed and ready for use. Test failures attributable to the electrical system, the unavailability of sufficient electrical power from the State or other matters attributable to the State or third parties are not grounds for non-acceptance of Unisys deliverables. Equipment will be deemed accepted upon the earlier of (i) receipt of written notice of acceptance from the State, (b) 10 days following installation of the equipment (as verified by Unisys notice to the State that the equipment is ready for testing) if the State has not provided a written notification of material non-conformance of the equipment with the equipment published specifications or upon (c) the state's use of the equipment in production.

UNİSYS

(4) Manufacturing Information. The proposed products are currently manufactured items. These products are not scheduled for discontinuance within the next three years, although continued manufacturing over this future timeframe cannot be guaranteed.

Upon execution of this Agreement by both parties, Unisys will accept and process the order for products and/or services.

Agreed and Accepted:

UNISYS CORPORATION	WV STATE TREASURER'S OFFICE
(Signature) (Signature)	(Signature)
Print Name/Title	Print Name/Title
Date	Date



Amendment to existing Master Agreement

West Virginia Purchase Requisition Number: AUD083280

Description of Product/Services: HVAC and UPS equipment, installation and maintenance

Total Charges of Products/Services: \$ 249,979

(1) Despite any terms to the contrary in the Agreement any third party commercial off the shelf (COTS) software provided under the above referenced order shall be subject to any customary license terms of the licensor that accompany the product whether in the form of a shrink wrap, click wrap, click through, browse through or any other form.

(2) In accordance with Section 14.1 of the West Virginia Master Agreement #95010052, the parties agree to the following limitation of liability for direct damages for the above referenced order.

The entire liability of Unisys and Customer's exclusive remedy for damages from any cause related to or arising out of this Agreement, regardless of form or action, will not exceed the greater of (a) \$100,000 or (b) the charges paid to Unisys during the 24 month period immediately prior to Customer's notice of intent to initiate action. Such limitation of liability shall not apply to claims for personal injury, wrongful death or tangible property damage or claims under Section 15 (Patent, Copyright and Trade Secret Indemnification).

(3) Requirements for products to operate to the "satisfaction" of the State are clarified and limited as follows:

Acceptance of equipment is limited to a test of the equipment supplied to verify its operability and completion of the installation service. Unisys personnel shall have the right to be present and participate in the test, and the test shall be performed within ten (10) days of Unisys notification to the State that the equipment is installed and ready for use. Test failures attributable to the electrical system, the unavailability of sufficient electrical power from the State or other matters attributable to the State or third parties are not grounds for non-acceptance of Unisys deliverables. Equipment will be deemed accepted upon the earlier of (i) receipt of written notice of acceptance from the State, (b) 10 days following installation of the equipment (as verified by Unisys notice to the State that the equipment is ready for testing) if the State has not provided a written notification of material non-conformance of the equipment with the equipment published specifications or upon (c) the state's use of the equipment in production.

UNİSYS

Agreed and Accepted:

(4) Manufacturing Information. The proposed products are currently manufactured items. These products are not scheduled for discontinuance within the next three years, although continued manufacturing over this future timeframe cannot be guaranteed.

Upon execution of this Agreement by both parties, Unisys will accept and process the order for products and/or services.

UNISYS CORPORATION

(Signature)

(Signature)

Print Name/Title

Date

WV STATE TREASURER'S OFFICE

(Signature)

Print Name/Title

Date

UNÎSYS

Unisys Proposal for

West Virginia Auditors Office

RFQ AUD083280 Data Center Environmental Systems

January 30, 2008

Proposal Response RFQ AUD083280 Data Center Environmental Systems January 30, 2008

I. Project Description

This proposed Statement of Work (SOW) describes the products and services to be provided to the West Virginia Auditor Office for environmental upgrades to their disaster recovery data center facility in the event of an award to Unisys based on the published RFQ AUD083280.

II. Project Background

The West Virginia Auditors Office (WVAO) is soliciting bids from contractors for products and services for a full turnkey* environmental solution to support both the facility and data center located at 200 West Main Street, Clarksburg, WV 26301. The major components of this RFQ are Air Conditioning, Uninterruptible Power Supply, and installation of both.

In response to the above-referenced RFQ, Unisys proposes the supply of the products and services described herein based on the requirements of the RFQ and the terms set forth herein.

* For the purposes of this proposal, the word "turnkey" shall mean: (a) the delivery and installation by Unisys of the products specified in Unisys response; (b) the testing and implementation of the products as defined in Unisys proposal; and (c) the ongoing maintenance of the products as defined in Unisys proposal in accordance with the terms and conditions of the final agreement between the parties, and specifically excluding any products and services beyond those described herein.

III. Overview of Products and Services

In the event of an award to Unisys, Unisys will provide the products and installation services described herein to upgrade the Clarksburg data center. These products and services to be provided by Unisys are as follows.

- A. One 15 ton and one 10 ton Liebert Computer Room Air Conditioners (CRACs), which will be configured such that one unit will back up the other in the event of an equipment failure or scheduled maintenance.
- B. One 40 kva Powerware Uninterruptible Power Supply (UPS) with a battery supply to last approximately one hour.
- C. Delivery, rigging and installation of the CRAC and UPS units.
- D. Start-up and testing of the installed units.
- E. Project Management

F. Equipment maintenance for years 2 through 5. (Year one covered under third party warranty.)

IV. Timeframe

Upon commencement of a validly binding contract, Unisys will order the products listed in the Bill of Materials within this proposal. Manufacturers lead time for delivery of products is predicted to be approximately eight (8) weeks following acceptance by Unisys of an order from WVAO under the parties' existing agreement. Once delivered, Unisys expects the installation and testing to be complete in approximately four (4) weeks.

Timeframes are estimates and will be refined and communicated to WVAO through regular status reports provided by the Unisys Project Manager.

V. Bonds

Unisys includes the following Bonds with its quote for this project.

Bid Bond for 5% of bid price.

Unisys understands that the State has requested a Performance Bond for 100% of Bid Price, and will comply with this requirement as part of the final contract in the event of an award to Unisys.

VI. Contractor License Number

WV 14839 Issued July 1, 2007

VII. Contact Name

Michael Kennedy Sales Executive 10B Madison Avenue Extension Albany, NY 12203

518-331-0491 office 518-452-6238 fax

VIII. Bill of Material

UNÎSYS

The proposed products are currently manufactured items. These products are not scheduled for discontinuance within the next three years, although continued manufacturing over this future timeframe cannot be guaranteed.

The proposed products are manufactured in the United States. Steel, glass and aluminum sub-components are not guaranteed to originate in the US.

A. Liebert 15 Ton CRAC

One (1) Liebert Model DH199A-CAEI, 208 Volts, 60Hz, 3 Phase Deluxe System/3 Environmental Control System: Nominal 15 ton Air Cooled Downflow System, MBH at 72°F, 50% RH

One (1) 95°F Ambient Fan Speed Control Condenser Model DCDF205-Y, 208/230 Volts, 60Hz, 3 Phase

• Includes Factory Wired Condenser Disconnect Switch

System Accessories:

- Advanced Microprocessor-Based Temperature and Humidity Controls
- Display Language is English
- Audible and Visual Alarms
- 3 HP Fan Motor
- 4-Step Cylinder Unloaders
- Electric Reheat
- Infrared Humidifier
- Locking Disconnect Switch
- 4" 20% Filter Package
- 12" High Floorstand
- Turning Vanes
- Dual Float Condensate Pump
- Qty-2 LT300 Point Leak Detection Sensor
- Main Color: Unisys White (Z-0660)
- Accent Color: Unisys White (Z-0660)

Services Include:

One year Parts only warranty

Special Features Include:

• One (1) UNISYS spec for all SYS3 or Chal3000 models. Unit to be configured & built with UNISYS labeling, identification, and instruction manuals.

B. Liebert 10 Ton CRAC

UNÎSYS

One (1) Liebert Model DH125A-CAEI, 208 Volts, 60Hz, 3 Phase Deluxe System/3
Environmental Control System: Nominal 10 ton Air Cooled Downflow System, MBH at 72°F, 50% RH

One (1) 95°F Ambient Fan Speed Control Condenser Model DCDF165-Y, 208/230 Volts, 60Hz, 3 Phase

• Includes Factory Wired Condenser Disconnect Switch

System Accessories:

- Advanced Microprocessor-Based Temperature and Humidity Controls
- Display Language is English
- Audible and Visual Alarms
- 3 HP Fan Motor
- 4-Step Cylinder Unloaders
- Electric Reheat
- Infrared Humidifier
- Locking Disconnect Switch
- 4" 20% Filter Package
- 12" High Floorstand
- Turning Vanes
- Dual Float Condensate Pump
- Qty-2 LT300 Point Leak Detection Sensor
- Main Color: Unisys White (Z-0660)
- Accent Color: Unisys White (Z-0660)

Services Include:

One year third party warranty for parts only

Special Features Include:

• Unit to be configured & built with UNISYS labeling, identification, and instruction manuals.

C. 40 kva UPS with One Hour Batteries

Powerware 9390-80 40 kVA, On Line UPS, 40kVA/36kW. 208V in/out. Includes 3 breaker bypass sidecar cabinet. Double Conversion Topology, Unit efficiency up to 94%, Unit output rating @ 0.9 Power Factor, Input current distortion < 4.5%, Patented ABM Technology, Patented HotSync parallel firmware control, Scalable Architecture, Parallel Redundancy and Capacity capable, Variable DC bus for optimizing battery runtime options. 5x8 Start-up: PLUS One year onsite parts & labor coverage (7x24), PLUS: One year remote monitoring (Web/SNMP card w/ EMP provided upon acceptance and registration of eNotify).

UPS Cabinet Dimensions:

18.9"W x 31.6"D x 73.7"H

UPS Cabinet Weight:

640 lbs.

Powerware Part Number: TB0411300033010 Quantity: 1

<u>Battery Cabinet System</u>, (1) IBC-L Integrated Battery Cabinet, 480 VDC. Back-up time @ 0.9pf (40 kVA/36kW) 66 minutes

Battery Cabinet Dimensions:

42.7"W x 31.6"D x 73.7"H

Battery Cabinet Weight:

4785 lbs.

Powerware Part Number: TL0403B47111100

Quantity: 1

IX. Equipment Maintenance

A. Liebert

The following services are included in this bid.

- 1st year labor standard service: Liebert 1st year standard parts only plus 1st year labor assistance to replace failed in-warranty parts only (Labor to be provided by Liebert USA contractors only).
- Extended compressor warranty for years 2 through 5
- Factory Supervised Warranty Inspection and Basic Operator Training and Warranty Inspection Start-up
- Liebert maintenance service for years 2 through 5

B. Powerware

PowerTrust Service Plans, post warranty for the PW9390 for years 2 through 5.

X. Statement of Work

The following activities will be performed during the installation of one 80 KVA UPS, one 10 ton and one 15 ton Computer Room Air Conditioner (CRAC).

- All labor and material for installation with the exception of electrical feeds.
- Receiving and rigging UPS equipment into position.
- Supplying additional floor pedestals to support the UPS.
- Installing batteries in UPS battery rack.
- Cutting access flooring as necessary for installation of CRAC floor stands.
- Receiving and rigging CRAC equipment into position.
- Supplying floor protection as necessary.
- Engineering expenses for rigging equipment only.
- Installing one 10 ton and one 15 ton CRAC units with air cooled roof top condensers.
- Permit fees.

UNİSYS

- Startup of equipment using factory-authorized technicians.
- Testing of equipment following startup.
- Project Management- consisting of services to manage and provide oversight of the performance of the Unisys services quoted herein

XI. Part Supply Infrastructure

A. Liebert

The primary Liebert parts depots housing all replacement parts for United States are in Columbus, OH and Ironton, OH. For the equipment proposed here, Liebert Deluxe System/3 units, the replacement parts warehouse is based in Columbus.

It is normal operating procedure to ship, usually overnight, parts that are needed under emergency conditions. Parts are shipped directly to the address of the owner or alternately to the address of the contractor responsible for repair work.

B. Powerware

Parts supplies are located in the field to provide approximately 80% of all emergency needs. The factory serves as the central stocking facility where a dedicated supply of all parts is available within 24 hours. Parts are manufactured and centrally warehoused in Raleigh, North Carolina; batteries are located in approximately ten (10) regional stocking locations in addition to the Raleigh logistic center. Most parts and common battery types are available within 24 hours or less.

XII. References

The following references are customers where Unisys has installed equipment similar to that proposed here.

A. Liebert

- 1. Union Centre National Bank, NJ quantity 3 10 ton Unisys/Liebert Deluxe Systems HVAC Barbara Liebman 908-206-2956
- 2. Yardville National Bank, NJ quantity 2 8 ton Unisys/Liebert Deluxe Systems HVAC Rich Kaufman 609-689-8040
- 3. Best Buy, NY 20 ton Unisys/Liebert Deluxe System HVAC Audra Ellis 607-689-8040

B. Powerware

- 1. Wachovia Dealer Services, Inc., Irving, CA Gregory Spivey 800-289-8004
- 2. New York State Insurance Fund, Albany, NY, Jeffrey Digman 518-437-6400
- 3. Charmer Sunbelt Group, Baltimore, MD, Robert Valentin 410-401-9390

UNÎSYS

XIII. Assumptions and Exclusions

Unisys proposal and the pricing set forth herein are based on the following assumptions and expectations. Changes in any of the assumptions may result in an equitable adjustment in the work, schedule and/or price.

- 1. Unisys assumes that the worksite is free of asbestos or other environmental hazards. We reserve the right to immediately suspend work and terminate if we find environmental hazard problems.
- 2. Unisys assumes Union Labor is not required. Prevailing Rate wages will be paid.
- 3. Unisys assumes that the building is structurally sound to accommodate this equipment installation.
- 4. Electrical power for the HVAC and UPS system, including without limitations electrical connections to the installed equipment, is to be provided by the State or third parties employed directly by the State. Unisys is not responsible for providing such items.
- 5. Adequate electrical power meeting equipment manufacturer recommendations must be available for product testing no later than 10 days following the installation of the equipment.
- 6. Unisys assumes that a Building Permit and an Electrical Permit will be required. Unisys will bear the cost for these two permits but expects WVAO to assist in their preparation if required. Additional permits are not included.
- 7. Unisys assumes that appropriate access to necessary facility areas will be provided by WVAO to enable our performance of the services. This may include off-hour access such as early morning, late evening or weekend.
- 8. Unisys assumes that normal work hours will be 8:00am to 5:00pm M-F. Work beyond normal hours will be subject to the agreement of both parties.
- 9. Any architectural, engineering, or structural work related to this project is considered out-of-scope.
- 10. Unisys assumes that provision and installation of an emergency generator in not required in this RFQ response even though the generator in mentioned in the engineering reports.

XIV. Pricing

Summary Cost Sheet

HVAC Total	57,033
UPS Total	64,491
Maintenance *	1,280
Delivery / Installation	123,062
Hardware components and Cables	Included
Consumable Supplies	N/A
Documentation	Included
Training	1,088
Other (Performance Bond)	3,025
Total	249,979

UNISYS

Three Year Total Cost of Ownership

Total Cost for 5 Years	279,419
Maintenance Year 2 thru 3 **	30,720
Maintenance Year 1 *	0
Initial Product and Installation	248,699

^{*} Year 1 maintenance included with product cost.

Payment for the services within this SOW will be invoiced upon completion of the installation services (Unisys notification that the products are ready for testing).

Products will be invoiced upon acceptance in accordance with the acceptance terms outlined in the Amendment to the Agreement included in this response.

All of the above charges represent Unisys prices and the proposed costs to the State for the products and services detailed herein.

XV. Required Forms

- Purchasing Affidavit- included
- Insurance Certificate- will be provided upon award
- Bid Bond- included

^{**} Price calculated using today's rate times 24 months. Potential price increases not included.



ADSCOR

RFQ COPY

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

<u>AUD083280</u>

ADDRESS:CORRESPONDENCE TO ARTENTION OF RON PRICE 304-558-0492

TYPE NAME/ADDRESS HERE

STATE AUDITOR'S OFFICE

O T (O D			MS OF SAL	5	SHPVA		FOB.	FREIGHT TERMS
01/08. BID OPENING DATE		01/70/	2000					
	. .	01/30/		CAT		OPENIN	<u> FIME</u>	01:30PM
LINE	QUA	VTITY	UOP	NO.	ITEM NUMBER	Ū	NIT PRICE	AMOUNT
				:				
0001		_	LS		031-06			•
	HVAC/U	· l De eve	TEM				 .	_
	NVAC/ U	റോ ഉദ്യ	1 E 14					
•				ĺ	•			
	TO PRO	VIDE A	ND IN	STALL	HVAC/UPS SYSTEM	AS PER	THE	
	ATTACH	ED SPE	CIFIC	ATION	\$			
	A MAND	ATODY	DN_61	re po	E-BID WILL BE HE	I D AN 7	<i>(1) (</i> (0.0)	
	AT 11:	30 AM	AT 200	WES	T MAIN STREET, C	I VDK CBII FD AN T	\16\08	
	FAILUR	E TO A	TTEND	THE	PRE-BID SHALL RE	SULT IN		
	DISQUA	LIFICA	TION O)F TH	E BID. NO ONE P	ERSON C	AN	
	REPRESI	ENT MO	RE THA	ואס אי	BIDDER.			
÷					·			
		Ī						
	WRITTE	4 QUES	LIONS	MAY	BE SUBMITTED UNT	IL 4:00	PM ON	
	JANUARY	/ 18,	2008 T	O THE	FOLLOWING:			
٠	RON PRI	rce						
	PURCHAS		VISIO	N				
	2019 WA	SHING	ON ST	REET,	EAST			477
	CHARLES				j		•	
	FAX: 3 Email:							
	CHAIL:	KEKIL	E GW VA	DHIN.	GUV			
-				- 1				
	PREFERE	NCE FO	RUSE	OF D	OMESTIC STEEL PR	ODUCTS		
1	I EVO					_		
	l. EXC	CHVCIN	EN AU	TOTAL	ZED BY THE DIRECT PURSUANT TO SUB	TOR OF	THE	
	NO:	CONTRA	CTOR	MAY U	SE OR SUPPLY STE	EL PPOI	N Z BELUW	7
· l	AS	TATE C	ONTRIA	CT PR	OJECT OTHER THAN	THOSE	STEEL	
	PRO	DUCTS	MADE :	IN TH	E UNITED STATES.	AS USE	D USED I	N
. 1	THI	S CONT	RACT,					
				.]				
NATURE 1/2 ^	<i></i>	, , , , , , , , , , , , , , , , , , ,	<u> </u>	EE REVE	RSE SIDE FOR TERMS AND COND	ITIONS		
A ()	ra.	10	10	\mathcal{U}_{\prec}	TELEPHONE 35980	666	DATE	112 9109
	a OK	MA FEIN	380	38	7840		RESS CHANGE	S TO BE NOTED ABOVE

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia.
- 2. The State may accept or reject in part, or in whole, any bid,
- 3. All quotations are governed by the West Virginia Code and the Legislative Rules of the Purchasing Division.
- Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
- 5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
- 6. Payment may only be made after the delivery and acceptance of goods or services.
- 7. Interest may be paid for late payment in accordance with the West Virginia Code.
- 8. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 11. The laws of the State of West Virginia and the Legislative Rules of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
- Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 13. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
- 14. HIPAA Business Associate Addendum The West Viginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division.
- 2. SPECIFICATIONS: Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- Complete all sections of the quotation form.
- 4. Unit prices shall prevail in cases of discrepancy.
- 5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 6. BID SUBMISSION: All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130



Request for Quotation

AUD083280

304-558-0492

AMOUNT

ADDRESS CORRESPONDENCE TO ATTENTION OF RON PRICE

RFQ COPY TYPE NAME/ADDRESS HERE WISISLOW Mal

STATE AUDITOR'S OFFICE

BUILDING 1, ROOM W100

VENDOR 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0230 558-2251 DATE PRINTED TERMS OF SALE SHIP VIA FO.B. FREIGHT TERMS 01/08/2008 BID OPENING DATE: 01/30/2008 BID OPENING TIME LINE QUANTITY LIOP ITEM NUMBER UNIT PRICE

- "STATE CONTRACT PROJECT" MEANS ANY ERECTION OR CONSTRUCTION OF, OR ANY ADDITION TO, ALTERATION OF OR OTHER IMPROVEMENT TO ANY BUILDING OR STRUCTURE, INCLUDING, BUT NOT LIMITED TO, ROADS OR HIGHWAYS, OR THE INSTALLATION OF ANY HEATIN OR COOLING OR VENTILATING PLANTS OR OTHER EQUIPMENT, OR THE SUPPLY OF AND MATERIALS FOR SUCH PROJECTS, PURSUANT TO A CONTRACT WITH THE STATE OF WEST VIRGINIA FOR WHICH BIDS WERE SOLICITED ON OR AFTER JUNE 6, 2001.
- "STEEL PRODUCTS" MEANS PRODUCTS ROLLED, FORMED, В. SHAPED, DRAWN, EXTRUDED, FORGED, CAST, FABRICATED OR OTHERWISE SIMILARLY PROCESSED, OR PROCESSED BY A COMBINATION OF TWO OR MORE OF SUCH OPERATIONS, FROM STEEL MADE BY THE OPEN HEARTH, BASIC DXYGEN, ELECTRIC FURNACE, BESSEMER OR OTHER STEEL MAKING PROCESS.
- "UNITED STATES" MEANS THE UNITED STATES OF AMERICA AND INCLUDES ALL TERRITORY, CONTINENTAL OR INSULAR, SUBJECT TO THE JURISDICTION OF THE UNITED STATES.
- THE DIRECTOR OF THE PURCHASING DIVISION MAY, IN WRITING, AUTHORIZE THE USE OF FOREIGN STEEL PRODUCTS IF:
 - THE COST FOR EACH CONTRACT ITEM USED DOES NOT EXCEED ONE TENTH OF DNE PERCENT (.1%) OF THE TOTAL CONTRACT COST OR TWO THOUSAND FIVE HUNDRED DOLLARS (2,500.00), WHICHEVER IS FOR THE PURPOSES OF THIS SECTION, THE COST IS THE VALUE OF THE STEEL PRODUCT AS DELIVERED TO THE PROJECT OR,

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



Request for Quotation

AUD083280

3

address correspondence to all ention of RON PRICE 304-558-0492

RFQ COPY TYPE NAME/ADDRESS HERE

STATE AUDITOR'S OFFICE

BUILDING 1, ROOM W100 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0230 558-2251

ADDRESS CHANGES TO BE NOTED ABOVE

DATE PRINTED TERMS OF SALE SHIP VIA FOB FREIGHT TERMS 01/08/2008 BID OPENING DATE: 01/30/2008 OPENING TIME 01:30PM LINE **QUANTITY** UOP AMOUNT **TEM NUMBER** UNIT PRICE THE DIRECTOR OF THE PURCHASING DIVSION DETERMINES THAT SPECIFIED STEEL MATERIALS ARE NOT PRODUCED IN THE UNITED STATES IN SUFFICIENT QUANTITY OR OTHERWISE ARE NOT REASONABLY AVAILABLE TO MEET CONTRACT REQUIREMENTS. A CONTRACTOR WHO USES STEEL PRODUCTS IN VIOLATION OF THIS SECTION MAY BE SUBJECT TO CIVIL PENALTIES PURSUANT TO WV CODE SECTION 5A-3-56. REV. 10/01/01 EXHIBIT 5 NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 75 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED. THE DIRECTOR OF PURCHASING RESERVES THE CANCELLATION: RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN. WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR HARRISON COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT) SEE REVERSE SIDE FOR TERMS AND CONDITIONS

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED "VENDOR"



Request for REQNUMBER Quotation

AUD083280

ADDRESS CORRESPONDENCE TO ATTENTION OF

RON PRICE 304-558-0492

STATE AUDITOR'S OFFICE

BUILDING 1, ROOM W100 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0230 558-2251

RFQ COPY TYPE NAME/ADDRESS HERE

DATE PRU	NTED	TE	MS OF SAL	F	SHIP VIA		F.O.E	FREIGHT TERMS
01/08						<u> </u>		TICION TELEVIC
BID OPENING DATE		01/30/	2008		L., , , , , , , , , , , , , , , , , , ,	RID	OPENING TIME (1:30PM
LINE				CAT				
LINE	QU,	INFITY	UOP	NO.	ITEM NUMBER	.	UNITPRICE	AMOUNT
	INTERE REQUIR OR IN	EST FOR RED BY ANY AM	PAYMI STATE Erica	ENTS LAW) N INS	DUE (EXCEPT CONTAINED	FOR IN TH RCHIT	RBITRATION OR ANY INTEREST IS CONTRACT ECTS DOCUMENTS	
· · · · · · · · · · · · · · · · · · ·	WORKER	RS' COM	PENSA	FION:	VENDOR IS	REQU	IRED TO PROVIDE ON IF SUCCESSFUL	
	OF THI	S CONT	RACT:				A REQUIREMENT	
	OF COM ISSUAN THE BI	MERCIA ICE OF D DOCU	L GENE CONTRA MENTS,	RAL CT. THE	LIABILITY II UNLESS OTHI	NSURA ERWIS	LL FURNISH PROOF NCE PRIOR TO E SPECIFIED IN DF INSURANCE	
	FURNIS	H PROO	F OF B	NILD	ERS RISK - A	ALL R	FUL VENDOR SHALL ISK INSURANCE IN OF THE CONTRACT.	
	THE BI SUBMIT BIDDER	D PAYAI TED WI Shall	BLE TO TH EAC ALSO	THE H BII FURN	STATE OF WE D AS A BID I ISH A PERFOR	EST VI BOND. RMANCE	TOTAL AMOUNT OF TRGINIA, SHALL B THE SUCCESSFUL BOND AND LABOR THE CONTRACT.	
	BONDS IRREVO SOLVEN	MAY BE Cable I T Sure	PROVI ETTER TY COM	DED I	IN THE FORM CREDIT, OR I AUTHORIZED	OF A BOND F TO DO	CERTIFIED CHECK FURNISHED BY A D BUSINESS IN TH REDIT SUBMITTED	
	IN LIE ONLY B OR BUS 5% BID	U OF A E ALLOW INESS C	PERFO PED FO HECKS	RMANC R PRO ARE	E AND LABOR JECTS UNDER NOT ACCECPT	8 & MA 8 \$100 ABLE	TERIAL BOND WILL ,000. PERSONAL IN LIEU OF THE AND MATERIAL	
IGNATURE X	BOND. Ua		VVV	SEE REVI	ERSE SIDE FOR TERMS		DITIONS DATE	189108
TILE (1)	MAC	RIGHT	١ .	380-	2 8 78 UM		ADDRESS CHANGES	TO BE NOTED ABOVE
		171					I SPACE ABOVE LABELI	



RFQ COPY

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130 Charleston, WV 25305-0130

TYPE NAME/ADDRESS HERE WISYSCOY

Request for Quotation

AUD083280

5

ADDRESS CORRESPONDENCE TO ATTENTION OF

RON PRICE

304-558-0492

STATE AUDITOR'S OFFICE

DATE PRI	NTED	TEF	MS OF SAL	E	sı	IIP VIA	***	FOR	FREIGHT TERMS
01/08	/2008			99900000000000000000000000000000000000		***************************************	*****		
BID OPENING DATE		01/30/	2008			BI	D C	PENING TIME O	1:30PM
LINE	QU	ANTITY	UOP	CAT NO	ПЕМ	NUMBER		UNIT PRICE	AMOUNT
·	REV.	11/00							
	EXHIB	ET 7							
	DOMEST PROJEC		MINUM	, GLA	SS & ST	EEL IN F	PU B	LIC WORKS	
	SEQ., ALTERA PUBLIC IN THE MORE T STEEL GLASS, IN ADD FOR US DOMEST THE PR POUNDS	EVERY ATION, WORKS CASE HAN \$5 ARE RE OR ST ITION, E AT T IC ALU ODUCT	CONTRACTOR CONTRACTOR	CT F I M IE TH OR W ODUC OF OF GLAS S TH E USE	DR CONSPROVEMENT OF COST TO CO	TRUCTION NT OR MA IS MORE RE THE RE THAN WILL AC JCED IN RY OR EQ WORKS S TEEL, UN 100 OR L UBLIC WO	NITCOOF UHER	RECONSTRUCTION, RECONSTRUCTION, RECONSTRUCTION, RECONSTRUCTION, RECONSTRUCTION, ST OF STEEL IS ,000 POUNDS OF PT ONLY ALUMINUI E UNITED STATES PMENT PURCHASED LL BE MADE OF SS THE COST OF S THAN 10,000 S PROJECTS. RODUCTS MAY BE	
	ACCEPT TO BE 20% OR PRODUC PRODUC LABOR DEPART ONLY I PRICE	ED ONL UNREAS TS. IF TS TO F SURPLUS MENT OF F DOMES THAN TH	Y IF TONABLE HIGHER THE SUPS AREA LABORIC PROPERTY OF THE PORTIC PROPERTY OF THE PORTICE PROPERTY OF THE PORTICE PORTI	HE CO THAN DOMES PLIED T, AS R, FO RODUC	OST OF I ICH COST I THE BI STIC ALU O OR PRO O DEFINE OREIGN P CTS ARE MADE PR	OMESTICE UNR D PRICE MINUM, DUCED ID BY TH RODUCTS 30% OR ODUCTS.	EAS GLAN E II MON	RODUCTS IS FOUNI SONABLE IF IT IS OR FOREIGN MADE ASS OR STEEL A "SUBSTANTIAL UNITED STATES AY BE SUPPLIED RE HIGHER IN	
GNATURE	IF, PR	IOR TO				TERMS AND C	ONDI		
	Sile	CIV	yun		<u> </u>	TELEPHONEZ) ,	981016014 DATE	1124/08
Comid	>M&	FEIN	3(038	37040	/		.4	TO BE NOTED ABOVE
. WHI	EN RESPO	ONDING T	0 RFQ, I	NSERT	NAME AND) ADDRESS	IN	SPACE ABOVE LABELE	D 'VENDOR'



Request for Quotation

AUD083280

PAGE

4

WADDRESS CORRESPO	NDENCE TO ATTENTION OF

RON PRICE 304-558-0492

STATE AUDITOR'S OFFICE

	RFQ COPY Type name/address here
V E N D	Unisys Corporator
ñ	Blubal PA 19424
	Mudell 14 17909

DATE PRIN	TED	······································	HMS OF SALE		SHIP VIA		FI)B	FREIGHT TERMS	
01/08/	2008								·	
BID OPENING DATE:		01/30/	2008			BID	OPENING	TIME O	1:30PM	
LINE	QUAN	ITITY		AT.	ITEM NUMBER		UNF	PRICE	AMOUNT	
				10						33.33
						l				
					FFICER D					
	DETERM	INES T	HAT THE	RE EXIS	TS A BID	FOR	LIKE FO	REIGN		
	ALUMIN	UM, GL	ASS OR	STEEL T	HAT IS R	EASO	NABLE AN	D LOWER		1
	THAN T	HE LOW	EST BID	DOMEST	IC PRODU	CTS,	THE SPE	NDING		- 1
	OFFICE	MAY R	EQUEST,	IN WRI	TING, A	REEV	ALUATION	AND		ĺ
	REDUCT.	ION IN	THE LO	WEST BI	D FOR SU	CH D	DMESTIC	PRODUCTS		
	ALL VE	NDORS	MUST IN	DICATE	IN THEIR	BID	IF THEY	ARE		
	SUPPLY	ING FO	REIGN A	LUMINUM	, GLASS	or s	TEEL.			
		•]
	REV. 3	/88	1							
			ŀ	l				-		
1										
	EXHIBI.	Г9 🗍		Ì						1
				-		. 1			·	1
	NOTICE	FOR I	SSUANCE	& ACKN	OWLEDGEM	ENT O	F CONST	RUCTION		
	PROJEC [*]									1
						}				- 1
	THE ARC	CHITEC	T/ENGIN	EER AND	OR AGEN	CV SH	ALL RE	REQUIRED	•	
					SCHEDULE					-
					DA FOR S			S +		
					DA I DA O					
	(1) TH	IF ARC	HITECTA	NETNEE	R SHALL F	PEPA	DE THE	ADDENDUM		
1					THAT HAVE					ŀ
					PROJECT					İ
		3	I	1	D TO THE					l
			IVISION		ARCHITECT				,	
1			3 .		M TO THE				4	
			TRACT :			SIAI	E AGENC	FUK		
1	THILDH !	III. UU	TIRMUI .	3 113301		1				
	(2) TH	E BIIV	TO CHALL	SEND -	THE ADDEN	MILTI	TO ALL			
					NECESSAR			IE DTD		
					NECESSAR 1 SHOULD					
	PENING			(41)	DAYS PRI	ון אט.	O INE BI	. D		İ
١	SL ENTING	DAIE	'			1.				
١,	'Z) A:	i ADDI	NDA CH	uun nr	CODMALIN		NOW FROM	יז עם מי		
	(3) AL	r while	HC AUN:	OFD RE	FORMALLY	ALK	NUWLEDGE	U BY AL		
7			J "SE	PEVERSESI	DE FOR TERMS A	ND COND	ITIONS			
GNATURE//	/	Non	1 <i>NV</i> (.		TELEPHO		-9861) / DATE	Buhx	<u>3334</u>
ILE.	40-12	1 V) [/	$V \cap V$			ΔL)	214	ININO	_
75/1/2/1/1/	IMA	PEI	` 3K	UZX7	840		ADDR	ess changes	TO BE NOTED ABOVE	
V / Y / WALLE	NIDESPO	NDING T	O REO INS	FRT NAME	AND ADDD	EQQ IN	SPACE ABO	OVE LARELE	O VENDOD'	i



Request for Quotation

AUD083280

2000	ADDRESS CORRI	ESPONDENCE	TO ATTENTION	OF
DON	DOTOF			
	PRICE			
<u> 304-</u>	<u>-558-0492</u>			

RFQ COPY TYPE NAME/ADDRESS HERE

STATE AUDITOR'S OFFICE

DATE PRINTED 01/08/2008		IMS OF SALE		HP VIA	FOR		FREIGHTTERMS
BID OPENING DATE:	01/30/	2008		BID	OPENING TIN	1E 01	L:30PM
EINE O	JANTITY	UOP CA		NUMBER	UNIT PRIC		AMOUNT
DIVIS THAT SHALL EXCEP SOLE DATE.	APPLY ALSO A TION MA PURPOSE	THE SA TO THE PPLY TO Y BE FOR	ME RULES ORIGINA AN ADDEND AN ADDEN	AND RE L BIDDIN UM DOCUME DUM THAT	E PURCHASI GULATIONS G DOCUMENT NT. THE ON IS ISSUED F TIME AND/O	ILY OR THE	
	IT 10	NDWLEDGE	MENT				
ADDEN	DUM(S).	AND HAVE	MADE THE	OF THE FOL NECESSARY CIFICATION	LOWING CHE REVISIONS	CKED TO	
ADDEN	DUM NOS	.:					
NO. 1	• [• • • • • • • • • • • • • • • • • • • •				ļ	
NO. 2	•						
NO. 3							
NO. 4							
NO. 5	•						
					E RECEIPT (OF THE BID:		
		N MADE C	R ASSUMED		DE DURING A	ANY	
IGNATURE AND CONTROL OF THE PROPERTY OF THE PR			1	TELEPHONE	166HY	DATE /	129102
Corugasy	AND TO T	- <i>- 3</i> 80:	8.789	6	ADDRESS		O BE NOTED ABOVE



Request for Quotation

AUD083280

PAGE

RON PRICE
304-558-0492

REQ COPY TYPE NAME/ADDRESS HERE Unisyp Worpoyahon Unisys way

STATE AUDITOR'S OFFICE

DATEPRIN	ITED	TER	MS OF SAI	E	SHIP VIA	FOB.	FREIGHT TERMS
01/08/							
BID OPENING DATE	:: ::	01/30/	2008	800000000000000000000000000000000000000	BID	OPENING TIME ()1:30PM
LINE	QUAI	VIIIY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
					,		
	ORAL D	Iscuss	ION H	ELD B	ETWEEN VENDOR'S	REPRESENTATIVES	
	AND AN	Y STAT	E PER	SONNE	L IS NOT BINDING	. ONLY THE	
,					WRITING AND ADDE		•
	SPECIF	ICATIO	NS BY	AN D	FFICIAL ADDENDUM	IS BINDING.	
		\mathcal{J}_{α}		16			
			7.(1	./. ./		GNATURE	
		2/		1			
		. U.S.	77	(_0	Pay. G.M.D. M co	MPANY	
			1/2	9/	A -		
*	• • • • • •	•••••	1,10	عا عر • تمر •	(-)	TE	
	REV. 1	1/96					
	_	-	Ī				
			CO	TRAC	TORS LICENSE		
	WEST V	TOCINI	СТА	re co	DE 21-11-2 REQUI	DEC THAT ALL	
	PERSONS	S DESIR	RING	TO PE	RE 21-11-2 REQUI	RES INAL ALL G WORK IN THIS	
	STATE I	MUST BE	ELIC	ENSED.	. THE WEST VIRG	INIA CONTRACTORS	
					DWERED TO ISSUE		
					FOR A CONTRACTO		
					WEST VIRGINIA D		
	25305.				ING 3, ROOM 319,	CHARLESIUN, WV	
				(33)	,, 550 , 670.		
	WEST V	IRGINIA	STAT	E COL	DE 21-11-11 REQU	IRES ANY	
					NCLUDE THE CONT	RACTORS	
	LICENSE	. NUMBE	R ON	THEIR	BID.		
	BIDDER	TO COM	PLETE	.		1.	
					1101515 M	to coxxx atix A	
į	CONTRAC	TORS N	AME:	.	M//2/	Ur pur acrion	.†
[00UTD:			_ , _	W.V.O.A	11 829	
	CONTRAC	. IUKS L	TCENS	E NO.	· · · / V · · / · · / · / ·	7 W. J. J	•
IGNATURE /	1/1/	A##		SEE REVI	HSE SIDE FOR TERMS AND CON	DITIONS	
XI 11	<u> 1 VIV</u>	WO			TELEPHONE	1806614 Th	9910 J
The state of the s	1 100	FEIN	38	1738	7840	ADDRESS CHANGE	TO BE NOTED ABOVE
- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V V V) REO	NICEDT	NAME AND ADDRESS IF	LODAGE ADOVE LADEL	



Request for Quotation

AUDORZORO

PAGE

9

<u>_____</u>

	MODULES OF STATE OF S	<u>NGCHO BUIERNO</u>
RUN	PRICE	
I .	558-0492	

RFQ COPY
TYPE NAME/ADDRESS HERE
Unisys Corroration
Unisys Way

SH P

STATE AUDITOR'S OFFICE

DATE PRIN	TED	TEA	MS OF SAL	£	SHIP VIA	FO.B.		FREIGHT TERMS
	01/08/2008							
BID OPENING DATE	: 5 000000000000000000000000000000000000	01/30/	2008		BID	OPENING T	IME O	L:30PM
LINE	QUA	NTITY	UOP	CAT NO	ITEM NUMBER	UNIT.PA	ICE	AMOUNT
							80.000100100000000000000000000000000000	
	THE CI	ICCECCE	p.r	חחבם	WILL BE REQUIRED	TO FURNIC	*11 A	
					ORS LICENSE PRIO			
		HASE O				. 10 13307	INCL OI	
				AP	PLICABLE LAW			
					E CODE, PURCHASI			
					HE INFORMATION P			
•					TION" ISSUED BY		SING	
	?	EMENT.	IHE S	ULE A	UTHORITY GOVERNI	NG THIS		
	PRUCUR	ENENT						
	ANY TN	FORMAT	TON P	RAVID	ED IN SPECIFICAT	TON MANUAL	S. OR	
					AL OR WRITTEN, W			
					ION PROVIDED FRO			
					PARAGRAPH IS VO			
	EFFECT	•	ļ					
					ENT THE VENDOR/C			
					ION, THIS CONTRA ND IS TERMINATED			
	ORDER.		יטע עוי	ID, A	AN 12 IEKUTUALEN	MTIHOO! L	UKIHEK	
	OKDEK.		.		•			
	REV. 1	/2005	- 1	1				
						•		
				וסא	TICE			
								· ·
	A SIGN	ED BID	MUST	BE SL	JBMITTED TO:	•		
	ות	EDADTME	NT OF	- ADMI	MICTOATION			·
į		URCHASI			INISTRATION			
		UILDING	1	. * 131	11			
1				ON ST	REET, EAST	•		
The contract of the contract o		HARLEST			305-0130			

	************			oeccoeu	RSE SIDE FOR TERMS AND CON	Nethanie		
IGNATURE /	9 11.	ر سر 1	/\	oce nevi			DATE	1/5/// 8
Ma(11/	11/V				866614	/	167100
(B) ShaG	SMON	FEIN	38	028	7840		S CHANGES	TO BE NOTED ABOVE
WHE	N RESP	ONDING TO			NAME AND ADDRESS IN	SPACE ABOV	E LABELEI) 'VENDOR'



Request for Quotation

AUD083280

PAGE

10

RON PRICE
304-558-0492

RFQ COPY TYPE NAME/ADDRESS HERE Unisys Corporation Unisys way Blue Bell PA 19424

STATE AUDITOR'S OFFICE

DATE PRIN	200000000000000000000000000000000000000	TEF	MS OF SAI	E	SH	P VIA	FO		FREIGHT TERMS
BID OPENING DATE:		01/30/	2008	•		חזפ	OPENING	TIME OI	:30PM
LINE		VIITY	UOP	CAT.	TEM!	UMBER BID		PRICE	AMOUNT
				NO.					
						FORMATIO		FACE OF	
	SEALED	BID							
	BUYER:	RP-4	1						
	REQ. N	D.: A	UDO83	223					
	BID OP	ENING	DATE	AND T	IME				
					NG YOUR	CASE IT BID: 452			
	PLEASE CONCERI				Mice	erson to	ke nac	<u> </u>	`
				-	5184	452 -	623	8'	
	*****	THIS	IS T	IE EN	O OF RFQ	AUD083	280 ****	* TOTAL:	249,949
mangaranga at	-		,						
					•				
				4throdifferential	•	When the state of			ļ
SIGNATORE 10 (MI.	VVV	0	SEE REVI	erse side for	TERMS AND CON	OHIONS	DATE /	1/29/08
7 ON DICK	5 Marci	FEIN	381	038	7841) .	ADDR	ESS CHANGES	TO BE NOTED ABOVE
WHE						ADDRESS I	N SPACE ABO	OVE LABELEI	O 'VENDOR'

AUD083280 WV State Auditor's Office

PART 1 GENERAL INFORMATION Purpose:

The Acquisition and Contract Administration Section of the Purchasing Division, hereinafter referred to as "State", is soliciting quotes for the West Virginia State Auditor's Office, also referred to as "Agency" or WVSAO is soliciting a bids from qualified vendors for products and services for a full turnkey environmental solution to support both the facility and the data center located at 200 West Main Street Clarksburg, WV 26301.

Project:

Agency currently utilizes the existing HVAC to address environmental needs. As the Agency will be using this location for their Disaster Recovery (DR) Site upon completion of this project, improvements must be made before the equipment can be relocated to the Clarksburg site.

PART 2 OPERATING ENVIRONMENT

Location:

200 W. Main Street, Clarksburg, WV 26301

Background:

Agency currently has a data center located at the project address, but with minimum equipment maintained on site.

PART 3 PROCUREMENT SPECIFICATIONS General Requirements:

Major sections to this RFQ

HVAC: Provide and install/maintenance
UPS: Provide and install/maintenance
Additional Installation Hardware

Quote as per the following:

1. Heating, Ventilation, and Air Conditioning (HVAC) system shall provide cooling on a 24 hours-per-day, 365 days-per-year basis for the Clarksburg data center and contain a level of redundancy such that if one unit fails completely, the remaining unit has the capacity to keep the room cool to the required specification, 70 degrees F \pm 2 degrees and 50% \pm 8 Relative Humidity (R/H).

a. The vendor will need to quote as per the following <u>or</u> <u>equivalent</u>. See attached specification sheet

- 2. Uninterruptible Power Supply (UPS) system that is rated at 40 KVA upgradeable to 80 KVA with enough battery back-up to support an outage of approximately one hour for the Clarksburg data Center.
 - a. The vendor shall affirm that the current raised floor will support the weight of the proposed unit and supply if necessary any support structure required.
 - b. The vendor will need to quote as per the following <u>or</u> equivalent. See attached specification sheet
- 3. The vendor will include the cost of all additional hardware that is required to successfully install the environmental system. This is to include but not limited to cables, wiring, connectors, plugs, transfer switch, etc.
- 4. The vendor will be responsible for the entire project from start to finish. This is to include but not limited to: Personnel that might be required to verify the power, structure, cooling, working with American Electric and Power (AEP) to ensure that there is adequate power supplying the facility, contractors, the building owner, local and state

municipalities, acquiring all permits and licenses that are required to complete the job successfully. Therefore: The vendor must provide a detailed Scope of Work (SOW) for this installation and any associated cost. It is preferred that this be provided with the bid.

- 5. The vendor must provide a detailed listing and or narrative of the repair part supply/replacement infrastructure that is in place to guarantee timely supply of parts for ALL proposed hardware. It is preferred that this be provided with the bid.
- 6. The vendor must quote monthly maintenance charges for seven days by twenty-four hours per day (7x24); five days by nine hours per day (5x9) maintenance service as separate items. The Auditor reserves the right to select the one most appropriate service to be included in the final contract pricing.
- 7. The environmental system quoted must currently be manufactured (e.g. not discontinued or will be discontinued within the next 3 years).
- 8. The specific environment solution proposed by the vendor must be operating to the customer's satisfaction in three (3) user sites in the United States. Names and telephone numbers of the customer for reference purposes should be included with the vendor proposal. In the event that any vendor does not have the exact system installed as proposed, the vendor shall provide the names and telephone numbers for reference of three (3) satisfied customers as reference of installation, by the proposing vendor, that have the same functionality and as similar to the same equipment as possible to the proposed equipment.
- 9. Final acceptance of the UPS equipment and installation is contingent upon a successful test of a power outage where the UPS system will supply the necessary power. Final acceptance of the HVAC equipment and installation is contingent upon a successful test of one AC unit being shut down and the other unit auto starting to take over the load in the data center.

- 1. Roof membrane and construction for the higher roof level is EPDM.
- 2. The Owner and the owner's subcontractor will be responsible for the power supply to the roof top condensing units and HVAC units in the computer room.
- 3. The building owner and owner's subcontractor shall be responsible for the power supply to the UPS.
- 4. A new panel box is to be supplied by the owner.
- 5. The electrical distribution panel for connections for all new equipment shall be located in the Computer Room.
- 6. The lower roof is the preferred location for the outside condensing units and it will be the responsibility of the successful bidder to remove the existing abandoned equipment located there.
- Maintenance will be one year with two, one-year renewal options paid quarterly
 in arrears. All parts should be covered under warranty and maintenance periods
 unless it is a consumable item.
- 8. The refrigerant and electrical piping and conduit can be installed thru the interior of the building.
- 9. Electrical power will be supplied to the Data Center by the owner and the owner's subcontractor for connection of the CRAC units and UPS.
- 10. It is the responsibility of the bidder to determine the method of bringing the equipment into the building.
- 11. UPS should be wired for maximum capacity (80KVA) to accommodate a potential future upgrade.
- 12. The floor in the entrance way and hallway will support the equipment during moving. The building floor under the access flooring will support the equipment in the data center.
- 13. Normal working hours for this project will be 7:00am to 5:00pm, Monday through Friday.

See Chart below for possible equipment that will be placed at the Clarksburg Location:

Equipment		Power kW	Total Pwr kW	Plug type	BTUs	Total BTUs
Libra 580 MCP		0.79	1.58		5372	10744
ES7000/510		1.2	4.8		4000	16000
Dell 2850		0,7	4.9		2390.5	16733.5
CX300 1 g	nc	0.618	0.518		2000	2000
CX300-DAE d	isk array	0.392	0.392		1340	1340
Centera Ch	VR40-PER	5.6	2.5	L6-30	1020	1020
Cisco9216A		0.845	1.69		2885.675	5771,35
Telcom/server	rack	3.5	3.5		11952.5	11952.5
UHS5160		5.3	5.3		18099	18099
UMS2003		0.175	0.175		597.625	597.625
desktop laser		1	1		3415	3415
workstations		0.7	2.1		974	2922
racks from NW3C		2	2 6		6830	20490
			34.555			111085
UPS			36kW	(25kVA)		11800
lights 3 v	vatts per sq	ft	1248W			4243
people					?	?
Totals						127128 10.594 tons

HVAC

15 Ton:

One (1) Liebert Model DH199A-CAEI, 208 Volts, 60Hz, 3 Phase Deluxe System/3 Environmental Control System: Nominal 15 ton Air Cooled Down flow System, MBH at 72°F, 50% RH

One (1) 95°F Ambient Fan Speed Control Condenser Model DCDF205-Y, 208/230 Voits, 60Hz, 3 Phases

Includes Factory Wired Condenser Disconnect Switch

System Accessories:

- Advanced Microprocessor-Based Temperature and Humidity Controls
- Display Language is English
- Audible and Visual Alarms
- 3.0 HP Fan Motor
- Electric Reheat
- Infrared Humidifier
- Locking Disconnect Switch
- 4" 20% Filter Package
- 12" High Floor stand
- Turning Vanes
- Qty-2 LT300 Point Leak Detection Sensor
- Services Include:
 - One year Parts only warranty

10 Ton:

One (1) Liebert Model DH125A-CAEI, 208 Volts, 60Hz, 3 Phase Deluxe System/3 Environmental Control System: Nominal 10 ton Air Cooled Down flow System, MBH at 72°F, 50% RH

One (1) 95°F Ambient Fan Speed Control Condenser Model DCDF205-Y, 208/230 Volts, 60Hz, 3 Phases

Includes Factory Wired Condenser Disconnect Switch

System Accessories:

- Advanced Microprocessor-Based Temperature and Humidity Controls
- Display Language is English
- Audible and Visual Alarms
- 3.0 HP Fan Motor
- Electric Reheat
- Infrared Humidifier
- Locking Disconnect Switch
- 4" 20% Filter Package
- 12" High Floor stand
- Turning Vanes
- Qty-2 LT300 Point Leak Detection Sensor
- Services Include:
 - One year Parts only warranty

UPS

> Powerware 9390-80 40 kVA, On Line UPS, 40kVA/36kW. 208V in/out. Includes 3 breaker bypass sidecar cabinet. Double Conversion Topology, Unit efficiency up to 94%, Unit output rating @ 0.9 Power Factor, Input current distortion < 4.5%, Patented ABM Technology, Patented HotSync parallel firmware control, Scalable Architecture, Parallel Redundancy and Capacity capable, Variable DC bus for optimizing battery runtime options. Start-up: PLUS One year on-site parts & labor coverage (7x24), UPS Cabinet Dimensions: 18.9"W x 31.6"D x 73.7"H

UPS Cabinet Weight:

> Battery Cabinet System, (1) IBC-L Integrated Battery Cabinet, 480 VDC. Back-up time @ 0.9pf (40 kVA/36kW) 59 minutes

Battery Cabinet Dimensions:

42.7"W x 31.6"D x 73.7"H

Summary Cost Sheet

Cost Sheet Form

This cost sheet is reflective of all totals.



William E. Yoke, Jr. AIA



POST OFFICE BOX1484
CLARKSBURG, W.V. 26301
205 WASHINGTON AVE.
(304) 624-6326
FAX: (304) 623-9858
EMAIL
wyk@wykarchitects.com

October 9, 2007

Kirk Rector WV State Auditor's Office 1900 Kanawha Boulevard, East Capitol Complex, Building 1, Suite W-100 Charleston, WV 25305

Re: Data Center for Northern WV Field Office

Dear Kirk:

In accordance with CMA Engineering's Revised Report of October 2, 2007, we have reviewed the structural capabilities of the existing building in regard to the placement of the emergency generator and the remote condensing units for the Liebert HVAC equipment.

The report provides detailed information on the required footprint size of the generator and its service clearance requirements. There is no place on the roofs of the existing building that will provide the area needed, and the existing structure will not accommodate the weight loads, operating vibration or start up movement. In addition, access for fueling and service is not feasible. As noted, in the report, the most logical locations for the generator are a structural platform constructed in the alley behind the building, or on grade on the adjoining property. Clearly, the on-grade location is preferable. I spoke to the City Manager regarding the ultimate use of the property, and he advised that the City would like to lease or purchase it for use as a parking lot and green space. I explained the need for and size requirements for the generator. We will follow up on this as the building comes down and the use of the site is determined.

Paragraph 4f. on the last page of the report requests confirmation that the roof structure will accommodate the loads from the remote condensing units for the Data Center HVAC equipment. We reviewed two potential locations for these condensing units – a low roof off of the third floor, and higher roof above the third floor. There is some abandoned equipment on the lower roof that should be removed, and in either case the units will need to be set on curbs or blocking to keep them level and get them up off of the roof surface. The existing structure of either roof will accept the weight of the units.

Please contact me if you have any questions or if we need to provide any additional information.

Sincerely,

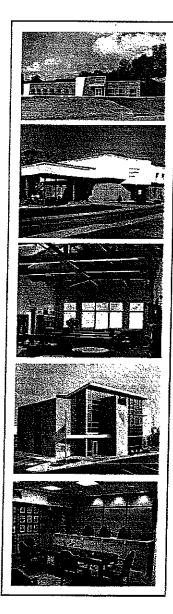
WYK Associates, Inc.

William E. Yoke Jr., AIA

Copy: CMA Engineering, Inc.



William E. Yoke, Jr. AIA



POST OFFICE BOX1484 CLARKSBURG, W.V. 26301 205 WASHINGTON AVE. (304) 624-6326 FAX: (304) 623-9858 EMAIL wyk@wykarchitects.com

September 27, 2007

Kirk Rector WV State Auditor's Office 1900 Kanawha Boulevard, East Capitol Complex, Building 1, Suite W-100 Charleston, WV 25305

Re: Data Center for Northern WV Field Office

Dear Kirk:

Please find attached the revised report from CMA Engineering evaluating the equipment and electrical service for the proposed upgrade of the data center in Clarksburg. The revised report reflects additional information gathered from your office, Tim Sharpe of William R. Sharpe Electric and Penny Baldwin of Allegheny Power Co. As the report indicates, and, as we have discussed, there are still some outstanding issues in regard to the location of the emergency generator and power company access to transformers and electrical service entrances at both 200 W. Main Street and the adjoining building on 2nd Street.

We believe the report meets the requirements for Phase 1 of our scope of work. We are prepared to answer any additional questions that you may have, and will continue to seek answers from the various parties regarding the options for placing the generator and the required modifications to the electrical service. We are available to meet at the site to confirm any additional requirements for the installation of the equipment, location of the generator or the service upgrade.

Please contact me if you have any questions or if we need to provide any additional information.

Sincerely,

WYK Associates, Inc.

William E. Yoke Jr., AIA

Copy: CMA Engineering, Inc.

October 2, 2007

Mr. Bill Yoke, A.I.A. WYK Associates, Inc. 205 Washington Avenue Clarksburg, WV 26301

Subject:

WVSAO Clarksburg Data Center Review

Phase 1 & Phase 2 Scope of Work

Revised

Dear Mr. Yoke,

This letter is a revision of our earlier summary. The earlier report was based on the understanding that both of the new HVAC units would be required to operate together on emergency power. Afterward, it was clarified that the smaller (10-ton) HVAC unit would only be in operation when the larger (15-ton) unit was not available. Therefore another generator loading simulation was made without the need to serve the smaller HVAC unit. The following is our revised summary based on this corrected information.

CMA Engineering Inc. (CMA) has completed their review of the HVAC and Electrical Equipment List in comparison with the New Data Center Layout and Equipment List as furnished by the Owner. We have the following observations to note for the Owner:

HVAC Equipment:

The proposed two Liebert Units and their associated remote condensing units 1. specified appear to meet the heating and cooling loads as scheduled by the Owner for this new space layout. One item we would recommend be added to this specification would be cylinder unloaders and associated controls for each compressor on each of the two units (to allow the machines to have some step control to match the space cooling load requirements). Liebert's "Site Scan" controls systems are recommended for each unit. This feature will allow a systematic stepping of startups for individual components to minimize engine/generator set size due to startup surges. It is understood that only one of the two HVAC units will be in operation at any time and that, typically, the larger (15-ton) unit will be serving the center. The smaller (10-ton) unit will operate only when the larger unit is unavailable due to maintenance or other reasons. Therefore, provisions must be made, either with the HVAC controls systems (Liebert's "Site Scan" or equivalent) or by other means to ensure that both units are not operated together when emergency power is in service supplied by the engine / generator set.

> Charleston 824 Cross Lanes Drive Charleston, West Virginia 25313 (304) 343-0316 tel (304) 343-5146 fax

Morgantown 5 Riddle Court Morgantown, West Virginia 26505 (304) 598-2558 tel (304) 598-2472 fax



UPS Equipment:

2. The 36 KW / 40 KVA uninterruptible power service (UPS) seems adequately sized to handle the loads indicated (34.6 KW). A 12-pulse rectifier-switching circuit or equivalent enhanced controls in the rectifier section are also recommended to reduce generator alternator size.

Emergency Generator Equipment:

- 3. After running a number of simulations of the existing and new equipment to be served by this system we feel this engine / generator set may be sized from a minimum of 150 KW (to cover only proposed loads for the data center) and could require a sizing of up to 230 KW (if additional building loads are required per the existing building distribution system reviewed) and provided with the following options to allow a staggered start of associated equipment through the ATS and other associated controls:
 - a. Liebert's "Site Scan" controls systems are recommended for each Liebert HVAC unit (as detailed in Item #1 above).
 - b. A general service upgrade consisting of a 1,200 amp main distribution panel and an 800-amp automatic transfer switch that would serve the existing 600 amp panelboard plus a new 800-amp emergency distribution panel. Ground-fault interruption (GFI) protection will not be required for the emergency power panelboard. The new emergency distribution panel would serve all of the needs of the new data center including the two (2) new HVAC units, the UPS and the existing 100 amp panel "A". As stated before, provisions will have to be made by the HVAC controls systems (or by other means) to ensure that both units are not started when running on emergency power.

Automatic Transfer Switch (ATS) Equipment:

4. This ATS must be changed to suit the revised sizing of equipment noted in item 3 above to be at least 800-amp capacity, rated for exterior applications (NEMA 3R rating).

See the attached riser diagram of the proposed service upgrade and new equipment.

In addition to reviewing this proposed HVAC and Electrical equipment versus the data center equipment list we wish to note the following major concerns which we feel must be addressed during a design effort to allow this project to be completed successfully. This design effort is outside the scope of our services, but we feel it is critical for us to note these issues to the Owner in order to ensure there are no design assumptions made. We feel a complete engineering design with detailed construction documents should be completed prior to ordering this equipment to ensure all of the proposed equipment and systems will adequately fit in the tight confines of the existing alley and lower level electrical entrance space.



- 1. The existing building that houses the new Data Center has two electrical entrances. The electrical entrance which must be upgraded to serve the new emergency generator, ATS, associated emergency loads, and the existing 600-amp, 120/208-volt, 3-phase service presently feeds into the basement area through a power company current transformer box and into the existing 600 amp service panelboard. We feel this service must be changed out to approximately a 1,200-amp (maximum) service with a new 1,200-amp panelboard and then to back-feed the existing 600 amp service in the basement. There is currently no location that we can foresee in the basement which will allow this installation which only leaves an exterior installation for the panelboard, ATS, CT cabinet, etc. This will require exterior rated equipment which has not been specified at this point.
- 2. The only location we can possibly foresee which will work for installation of the new emergency engine/generator set is outside the building on grade in the alley. However, this may even prove unacceptable. The alley is reported to be only 9 feet, 9 inches wide. If the equipment could be located there, then some security measures to isolate this equipment from the public are also required to still provide emergency egress from the adjacent buildings if required by the Local Fire Department.
- The exterior location of this emergency engine/generator set will require a 3. screened enclosure and the required air flow clearances per the manufacturer's recommendations to allow proper heat transfer and maintenance. A sound attenuated enclosure may also be needed to reduce noise to the data center and to the adjacent properties. Rough sizing of a 230KW engine / generator set with a weatherproof enclosure and a 336 gallon fuel tank (for 18 hours of operation) is 40 inches wide by 106 inches high by 105 inches long and requires 36 inches clear space on each side and 36 inches clear space on each end for maintenance access. If a sound-attenuated enclosure is required, then the length increases to 142 inches. The other dimensions stay the same. Rough sizing of a 150 KW engine / generator set is the same as for the 230 KW set. Height of the equipment varies depending on storage size, typically 106 inches or slightly taller. The 36 inch clearance for maintenance access remains the same. The manufacturer's minimum maintenance and operational clearances must be maintained on all sides for service / repair access and for proper airflow. This equates to a total footprint, including maintenance access (for door swings) of 177 inches by 112 inches for either the 150 KW or the 230 KW sets. The footprint grows to 214 inches by 112 inches for both sets, if sound-attenuation is required. Review of these actual dimensions for operation and maintenance must be completed prior to ordering material for this installation. This smaller range of equipment with a width footprint of 112 inches (9 feet, 4 inches) may make location of this equipment in the alley (at 9 feet, 9 inches wide) a possibility. However, there would be no fire escape / egress access through that area and the equipment may have to be installed on an elevated structural platform to allow maintenance access to the



pad-mounted transformers also located in that alley. In conversations with the end user of the facility, it has been learned that it may be possible to locate the emergency engine / generator set on adjacent property that is being cleared for a parking lot. However, this will need to be further reviewed during preparation of construction documents.

- 4. We would also recommend the following general space construction modifications:
 - a. Clean and seal the under-floor area of the clean room (below the raised floor which will be used as a supply plenum for the new HVAC units).
 - b. Ensure that all of the cabling in this under-floor area is either in conduit or plenum rated.
 - c. Remove or seal off supply or return ducts from other HVAC systems now crossing over the new Data Center Space. Re-insulate any supply duct to ensure no condensation occurs above the ceiling.
 - d. Consider closing off and sealing the walls to bottom of the floor structure above the new Data Center to prevent air from other areas of the building from entering this space. This also will help for any potential security concerns of this space.
 - e. Provide fire alarm system detection for the under-floor area and above ceiling area for the new Data Center and connect to the building fire alarm system since the space is not currently served by a fire sprinkler system.
 - f. Verify existing structure capabilities to locate the new remote condensing units on the roof. Routing of the new refrigerant piping and power to these units must be done through chases which are sealed off to meet the required fire rating separation in the facility.
 - g. Provide new condensate drain piping and routing to adequate floor drains in the facility to serve the new Data Center HVAC units.
 - h. We also would recommend some form of under-floor moisture sensor and an alarm to prevent potential damage due to piping leaks or condensation build up since this space is also used as a wiring path.

Please feel free to contact me at your convenience if you have any questions or concerns with this information.

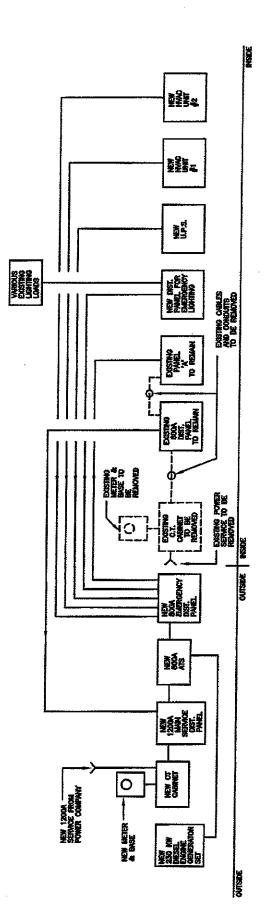
Sincerely, CMA Engineering, Inc.

Timothy L. Cox, P.E. President TLC

Cc: Dan Ellars, P.E.



المساوط فسيلط اللاقات



ELECTRICAL RISER

STATE OF WEST VIRGINIA **Purchasing Division**

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

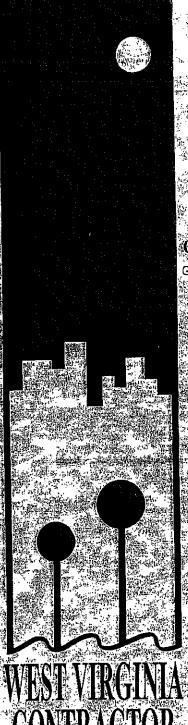
LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission. or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/ purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-acknowledges the information in this said affidavit and are in compliant.)	-5-3), it is hereby certified that the vendo ance with the requirements as stated.
Vendor's Name: 1(1)815 COMMANN	
Authorized Signature:	Date: //9///

Date:

Purchasing Affidavit (Revised 06/15/07)



CONTRACTOR LICENSE

Authorized by the

West Virginia Contractor Licensing Board

Number: _ wv014899

Classification:

GENERAL BUILDING

UMISYS CORPORATION
POSEOX 2349
CHARLESTON: WV 25328

Towns Trans

Expiration Date

Authorizad Company Signature

Hill A. Cool

Chair, West Virginia Contractor Licensing Board

This license, or a copy thereof, must be posted in a conspicuous place at every construction site where work is being performed. This license number must appear in all advertisements, on all bid submissions and on all fully executed and binding contracts. This license cannot be assigned or transferred by licensee. Issued under provisions of West Virginia Code, Chapter 21, Article 11.

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we UNISYS CORPORATION

(Here insert full name and address or legal title of Contractor)

Township Line & union Meeting Roads, Blue Bell, PA 19422

as Principal, hereinafter called the Principal, and LIBERTY MUTUAL INSURANCE COMPANY

(Here insert full name and address or legal title of Surety)

512 Township Line Road, Suite 350, 3 Valley Square, Blue Bell, PA 19422

a corporation duly organized under the laws of the State of MASSACHUSETTS *

as Surety, hereinafter called the Surety, are held and firmly bound unto West Virginia Auditor Office
(Here insert full name and address or legal title of Owner)

(WVAO), Building 1, Room W100, 1900 Kanawah Boulevard, Charleston, WV 25305

as Obligee, hereinafter called the Obligee, in the sum of 5% of the Amount Bid

Dollars (\$

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

(Here insert full name, address and description of project)

Computer Room HVAC and UPS Product and Installation

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this

30th

day of January

XX 2008

(Seal)

House M. Krawchuk (Witness)

UNISYS CORPORATION

JAMES G. MOMULANDE) DIRECTOR, RICK MANAGEMENT

IBERTY MUTUAL INSURANCE COMPANY

(Surety) (Seal)

(Title)
Neil C. Donovan, Attorney-in-fact

*and authorized to transact business in the State of West Virginia

(Witness)

AIA DOCUMENT A310 · BID BOND · AIA ® · FEBRUARY 1970 ED · THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 N.Y. AVE., N.W., WASHINGTON, D. C. 20006

pm EST on any business day.

Attorney

ᢐ

To confirm the validity of this Power of 1-610-832-8240 between 9:00 am and

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

LIBERTY MUTUAL INSURANCE COMPANY **BOSTON, MASSACHUSETTS** POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint

RICHARD H. SHEPHERD, R. H. SHEPHERD, JR., ALAN R. HEIN, DAVID E, KELLS, JR., DAVID B. KANE, ROBERT J. COLMAN. NEIL C. DONOVAN, ALL OF THE CITY OF FORT WASHINGTON, STATE OF PENNSYLVANIA......

, each individually if there be more than one named, its true and lawful attorney in-fact to make, execute, seal, acknowledge and deliver, for and on its

execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

That this power is made and executed pursuant to and by authority of the following By-law and Authorization:

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys in-fact:

Pursuant to Article XIII, Section 5 of the By-Laws, Garnet W. Elliott, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to appoint such attorneys in-fact as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this 29th day of October 2007

COMMONWEALTH OF PENNSYLVANIA COUNTY OF MONTGOMERY

On this 29th day of October , 2007, before me, a Notary Public, personally came Garnet W. Elliott, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.

Lnavě

CERTIFICATE

Alternal Saul Teresa Pastella, Notary Public Plyanouth Two., Montgomery County My Commission Expires Mar. 26, 2009

LIBERTY MUTUAL INSURANCE COMPANY

Garnet W. Elliott, Assistant Secretary

I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.

This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.

VOTED that the facsimile or mechanically reproduced signature of any assistant secretary of the company, wherever appearing upon a certified copy of any power of attorney issued by the company in connection with surety bonds, shall be valid and binding upon the company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this 30th January



David M. Carey, Assistant Secretary