



**State of West Virginia
Department of Administration
Purchasing Division**

NOTICE

Due to the size of this bid, it was impractical to scan every page for online viewing. We have made an attempt to scan and publish all pertinent bid information. However, it is important to note that some pages were necessarily omitted.

If you would like to review the bid in its entirety, please contact the buyer. Thank you.



January 19, 2011

Krista Ferrell
 Department of Administration
 Building 15
 2019 Washington Street, East
 Charleston, WV 25305

Re: ICL0048

Krista,

Per your request, SEI is providing you a price quotation to provide and install a three phase 100Kva Powerware UPS at your West Virginia Office of Technology located in Sutton, WV. Pricing includes the addendum no. 2 for the isolation transformer.

Description
<p>(1) Powerware 9390 Electronics Module</p> <ul style="list-style-type: none"> -- 100kVA/90kW, scalable to 120kVA/108kW -- Input: 208V (3-phase, 60 Hz) -- Output: 208/120V (3-phase, 60 Hz) -- Includes ConnecUPS Web/SNMP Card with Environmental Monitoring Probe -- Hardwired -- Two standard, factory installed X-Slot communication bays with two slots each -- Dimensions: 73.7" (h) x 35.6" (w) x 31.6" (d) -- Installed Weight: 960 lbs. <p>(1) Powerware 9390 Maintenance Bypass</p> <ul style="list-style-type: none"> -- 3 Breakers: <ul style="list-style-type: none"> • Maintenance Bypass Panel (MBP) • Maintenance Isolation Switch (MIS) • Bypass Input Device (BIB) -- Solenoid interlock with Kirk keys & indicator lamp -- 350A capacity -- Device Rating: 65kAIC -- 208V in/out -- Wall Mounted -- Dimensions: 73.0" (h) x 24.0" (w) x 11.5" (d) -- Installed Weight: 500 lbs. <p>(1) Powerware Integrated Accessory Cabinet - Distribution Cabinet</p> <ul style="list-style-type: none"> -- Input Voltage: 208V -- Output Voltage: 120/208V -- Contains (2) 250A Distribution Breakers (bottom feed) -- Dimensions: 73.7" (h) x 22.5" (w) x 31.6" (d) -- Installed Weight: 360 lbs. <p>(2) Powerware 9390 Battery Cabinets</p> <ul style="list-style-type: none"> -- 480VDC link -- 400A Battery Breaker -- Dimensions (per cabinet): 73.7" (h) x 85.4" (w) x 31.6" (d) -- Installed Weight (per cabinet): 4835 lbs. -- Battery Runtime [UPS + (2) Battery Cabinets: 72 minutes (80kVA/72kW load)] <p>5 x 8 Start-up Plus (1) Year 7 x 24 Onsite Labor/Parts/Travel. Plus (1) Year Remote Monitoring</p> <p style="text-align: center;">Net Cost Per System with Installation: \$108,694.00</p>

RECEIVED

2011 JAN 20 A 10: 30

PURCHASING DIVISION
STATE OF WV

To schedule this work please sign and return a copy of this letter along with your service order number authorizing SEI to do this job. This quote is valid for a period of 60 Days from its date.

The benefits to West Virginia Office of Technology in SEI performing this work are:

- Over 33 years of experience in the power industry
- Qualified and trained service technicians
- Knowledge of the equipment and site

Thank you again for considering SEI for your power requirements. If you have any questions please feel free to give me a call at (301) 694-9601 x212.

Yours truly,

Christian Davis
Sales Manager

Authorization signature

Title

Date

Service Order #

By signing below, vendor certifies that all specifications will be followed, that vendor meets all criteria, and will adhere to the schedule if awarded the purchase order.

Total Cost Quote: \$ 108,694.⁰⁰

CHRISTINA J. DAVIS
Print Name

[Signature] / SERVICE SALES manager
Signature/ Title

System Engineering International
Vendors Name



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

Request for Quotation

RFQ NUMBER
 ISCL0048

PAGE
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF
 KRISTA FERRELL
 304-558-2596

RFQ COPY
 TYPE NAME/ADDRESS HERE

DEPARTMENT OF ADMINISTRATION
 IS&C - COMMUNICATIONS
 1900 KANAWHA BLVD. E.
 BUILDING 5, 10TH FLOOR
 CHARLESTON, WV
 25305 304-558-5472

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/10/2010				
BID OPENING DATE: 01/12/2011		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: KRISTA FERRELL-FILE 21</p> <p>RFQ. NO.: ISCL0048</p> <p>BID OPENING DATE: 01/12/2011</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>(301) 694-9608</p> <p>Christian Davis</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: TELEPHONE: (301) 694-9601 DATE: 1/19/11

TITLE: Service Sales Manager FEN: 52-1800187 ADDRESS CHANGES TO BE NOTED ABOVE

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

State of West Virginia **VENDOR PREFERENCE CERTIFICATE**

Certification and application* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. Application is made for 2.5% resident vendor preference for the reason checked:

- Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
- Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or** 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
- Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

2. Application is made for 2.5% resident vendor preference for the reason checked:

- Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

3. Application is made for 2.5% resident vendor preference for the reason checked:

- Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

4. Application is made for 5% resident vendor preference for the reason checked:

- Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:

- Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:

- Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: System Engineering International Signed: 

Date: 1/19/11 Title: Sales Manager

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: _____

Authorized Signature: _____ Date: _____

State of _____

County of _____, to-wit:

Taken, subscribed, and sworn to before me this ____ day of _____, 20__.

My Commission expires _____, 20__.

AFFIX SEAL HERE

NOTARY PUBLIC _____

**West Virginia office of Technology
Request for Quotation (RFQ)**

The West Virginia Purchasing Division for the agency WVOT requests quotes to supply and install a new Liebert Series 80kVA Liebert NX Three Phase Uninterruptible Power Supply, model 38SA081A0A00, (or Equal) with the following related hardware and specifications:

The system must include AC bypass voltage 208V (three-phase, three or four wire plus ground). **YES (MEET)**

The system must include AC output voltage 208V (three phase, three or four wire plus ground). **YES**

The system must be equal to One (1) 80kVA Liebert NX Three Phase Uninterruptible Power Supply, model 38SA081A0A00, with the following features and characteristics: **YES, 100kVA**

The system must have Input Voltage 208VAC (3 wire plus ground) and must have system Output Voltage 208/120VAC (three phase, three or four-wire plus ground) and must include the following features: **YES**

- Integrated Load Bus Sync TM 1.2.5
- Softscale technology allows future upgrades up to 120kVA **YES**
- IGBT pulse-width modulated (PWM) rectifier providing 0.99 input power factor and 4% reflected input current distortion (THD) **7.3.1**
- Temperature compensated separate battery charger to allow use with valve-regulated lead acid (VRLA), wet cell lead acid, and NiCad battery systems **7.3.3**
- IGBT pulse-width modulated (PWM) inverter **7.1.2**
- Automatic continuous duty static transfer switch **7.1.3**
- Single input, true on-line, double conversion **7.3**
- Field Configurable for dual input (single module systems only) **YES**
- Internal manual bypass switch **7.2.1**
- Withstand rating and UPS width: 65kAIC, UPS Module 25.5 inches wide **YES**
- Digital Signal Processing (DSP) control system **Chapter 7**
- Back-lit LCD Graphic Display with multilingual support and user friendly navigation menu **Chapter 8**
- Alarm History Database **Chapter 8**
- Redundant Cooling Fans **YES**
- Local EPO with provision for Remote EPO **YES 9.1.19**
- Three (3) Intellislots Communication Ports **Chapter 12**
- IP 20 enclosure **YES**

- Casters and leveling feet **YES**
- Meets ISTA 1B transportation requirements **YES**
- Meets FCC Part 15, Class A **YES**
- UL and cUL Listed to UL Standard 1778 **YES**

The system **must** include 1 (One) IS-WEBLB: IntelliSlot Web Card LB. This interface card **must** deliver SNMP, Telnet and web-management capability for enhanced communications and control of Liebert UPS, Power Management or Precision Cooling systems. The card **must** manage a wide range of operating parameters, alarms and notifications, transmitting data over the network. **YES**

The system **must** include an External Battery System rated for 66 minutes at a 80kVA load and **must** have the following features: **YES**

- Two (2) External Battery Cabinet(s) model number: 38BP120XWX1BNS or equal
- Battery Cabinets are shipped separately and include side panels. **YES**
 - Battery interconnect cable kit type: Left Side of UPS **YES**
 - Battery Cabinet cable kits include DC wiring as well as control interface wiring. **YES**

The system **must** include a Liebert Bypass Distribution Cabinet, model FXC12C6NNG6, or equal with the following features:

- 3-Breaker wrap-around maintenance bypass with interlock by solenoid key release unit (SKRU) **YES**
- Distribution, Width and Access Requirements: (2) 225A Breakers, 47in Wide, Front & Rear Access **YES**
- Casters and leveling feet **YES**

And **shall** include interconnecting cables for bolting the Bypass Distribution cabinet to the right side of the UPS **YES**

UPS System Start-up Services, **must** including the following; Start-up includes one site trip by a LGS customer engineer after the UPS has been installed. The site trip **must** include the following services for one UPS module: non-powered inspection UPS electrical and operational checkout, full parts and labor for any remedial work required on the UPS or battery cabinets, and customer operation training. Start-up also **must** include remedial onsite labor, parts, and travel for the full one-year warranty period. Startup **shall** be scheduled at the customers designated time. **YES**

ADDITIONAL SERVICES TO BE PROVIDED BY THE VENDOR

The vendor **must** describe any power interruptions necessary for the installation of this hardware. If it is found necessary for an additional power outage to **YES**

occur, the Data Center Manager **must** be notified at least two weeks before the occurrence. The vendor **must** submit a schedule of dates and times of interruptions in advance so that we can have adequate time to notify end-users. **YES**

The vendor **shall** be responsible for all necessary permits, licenses, and inspections as required. **YES**

The vendor **shall** be responsible for the maintenance and warranty for all hardware and labor by maintaining a 24/7 helpline for technical issues for the period of one year after installation. A live attendant **shall** be on site within 4 hours from a trouble call being placed. **YES**

The vendor **shall** provide training to designated State personnel (not to exceed 6 employees) on the operations of all hardware. **YES**

All installation **shall** be completed within 60 day after receiving of purchase order. **YES**

INSTALLATION ADDRESS

This System is to be installed at the Disaster Recovery Center located at 89 Richard D. Munnich Dr., Sutton WV.

HOURS OF WORK

The normal working hours for the Office of Technology are 7:30 AM to 5:00 PM, Monday through Friday. However, designated State holidays, weekends, and after hours schedules will be accommodated if given advance notice and permission by the Office of Technology.

PERSONNEL

The Vendor **shall** submit a proposed staffing plan including supervisory personnel to accomplish this work in the designated time frame.

EQUAL EMPLOYMENT OPPORTUNITY

The successful vendor **must** be an Equal Opportunity Employer, and **shall** take all employment actions without regard to an individual's race, color, national origin, ancestry, sex, religion, age, physical handicap, disability, or political affiliation.

Eaton 9390 100-160kVA UPS Technical Specification

CONSTRUCTION	100kVA	120kVA	120kVA	160kVA
Model:	9390-100-U 9390-100-UHS	9390-120-N 9390-120-NHS	9390-120-U 9390-120-UHS	9390-160-N 9390-160-NHS
Rating @ 415V	100kVA/90kW	120kVA/108kW	120kVA/108kW	160kVA/154kW
MTBF	150 000h (MIL217)			
Classification	VFI-SS-111			
UPS Dimensions: WxDxH (mm)	944 x 804 x 1872			
Weight (kg) without batteries	480kg	480kg	530kg	530kg
ENVIRONMENT				
Ambient storage temperature	Range of -15 to +55°C in the protective package			
Ambient service temperature	Power electronics part: +0 to +40°C (Max 45°C with 7.5% derating) Battery part: +5 to 25°C without reducing battery life			
Maximum service altitude	1000m above sea level max. 2000m with 1% derating per +100m			
Relative humidity	5 to 95%, no condensation allowed			
Degree of protection	IP20 (EN60529)			
Acoustic noise at 1m (ISO7779)	Normal mode - 70dBA; Stored energy - 70dBA			
Electromagnetic Compatibility	Immunity and emission to IEC/EN 62040-2			
USER INTERFACE				
Display	Graphical LCD with blue backlight, 4x LEDs for notice and alarm			
Standard Communication Ports	1x RS232 for local support, 2 or 4 off X-Slot (Empty), 1x Relay contact, 1x Emergency Power off input, 2x Environmental inputs			
Optional	X Slot cards; Web/SNMP, Relay, Hot Sync, Power Xpert, ModBus			
ELECTRICAL CHARACTERISTICS – INPUT				
Rated input voltage and voltage tolerance	Rectifier: 3 x 230/400Vac nominal (220/380, 230/400, 240/415 Selectable) Tolerance: 190/330–276/478V (-15%, +20%) at 100% load, 161/279-276/478V (-30%, +20%), 50% load Bypass: 3 x 230/400V nominal (220/380, 230/400, 240/415 Selectable) Tolerance: 190/330 – 253/438V (-15%, +10% of nominal)			
Operating Frequency / Tolerance	50 or 60Hz; Tolerance 45-65Hz			
Input current distortion	<5% THDi (Linear load condition at rated input current)			
Input power factor	0.99pf at 30-100% load, 0.96 at 10% load			
Inrush Current	< 100% of rated current			
Number of input phases	3 phases + Neutral (3 phase input)			
Rated Rectifier Input Current	144A rms	173A rms	173A rms	232A rms
Max Rectifier Input Current	200A rms	250A rms	250A rms	265A rms
Bypass Input Current Recommended/Maximum	160A/200A rms	200A rms	200A/250A rms	250A rms
ELECTRICAL OUTPUT CHARACTERISTICS – NORMAL MODE				
Rated apparent/active power	100kVA/90kW	120kVA/108kW	120kVA/108kW	160kVA/154kW
Transfer–normal to stored energy	No break			
Break time / make time	No break			
Rated output voltage	220/380, 230/400, 240/415Vac, three phase			
Output voltage variation	±3V rms			
Crest factor	3:1			
Rated output frequency	50 Hz (default) or 60 Hz			
Output frequency variation (synchronised if applicable)	±2Hz (default), ±0.5Hz or ±1Hz with slew rate 0.5Hz/sec (default), 2.5Hz/sec or 7.5Hz/sec			
Output frequency synchronised phase error at change of mode	Maximum of 8 degrees			
Total voltage distortion	< 3% (Across a linear load); 5% (Across a reference non-linear load)			
Short circuit capability	360A, < 300ms		480A, < 300ms	

Powerware 9390 100-160kVA UPS Technical Specification

	100kVA	120kVA	120kVA	160kVA
Overload capacity without bypass	10min > 100–110% load, 1min > 110–125% load, 10sec > 125–150% load			
Overload capacity with bypass	Continuous > 100–110% load, 10min > 110–150% load, 5msec 1000% load Note: Selected Bypass fuses may limit the overload capability			
Load power factor range	0.7 lagging- 0.8 leading without derating			
Number of output phases	3 Phase			
Output Voltage dynamic variation	0% during transfer from stored energy to normal mode ±6% with 5msec recovery from 10% to 90% load step			
Max output freq rate of change	0.5Hz/s (default), 2.5Hz/s, or 7.5 Hz/s			
ELECTRICAL OUTPUT CHARACTERISTICS – STORED ENERGY				
Rated apparent/active power	100kVA/90kW	120kVA/108kW	120kVA/108kW	160kVA/154kW
Waveform	Sine Wave			
Rated output voltage	220/380, 230/400, 240/415 Vac three phase			
Output voltage variation	±3V rms			
Crest factor	3:1			
Rated peak output voltage	325V, ±20V			
Rated output frequency	50Hz (default) or 60Hz			
Output frequency variation	±0.005Hz (single module), ±0.07Hz (Parallel system)			
Total output voltage distortion	5% THD			
Short circuit capability	360A, < 300ms		480A, < 300ms	
Overload capability	10min > 100–110% load, 1min > 110–125% load 10sec > 125–150% load, 300msec > 150% load			
Load power factor range	0.7 lagging- 0.8 leading without derating			
Number of output phases	3 Phase			
Output voltage dynamic variation	0% during transfer from stored energy to normal mode ±6% with 5msec recovery from 10% to 90% load step			
EFFICIENCY (Input/Output)				
Efficiency at 100/75/50/25% linear load	93.6% / 92.9% / 92.5% / 89.6%			
Efficiency at 100/75/50/25% non-linear load	92.8% / 92.7% / 91.0% / 86.7%			
Heat dissipation *Multiply heat output in kW by 3413 to convert to BTU per hour	57.5kW at 100% 44.2kW at 75% 3.5kW at 50% 3.1kW at 25%	6.9kW at 100% 5.3kW at 75% 4.2kW at 50% 3.7kW at 25%	6.9kW at 100% 5.3kW at 75% 4.2kW at 50% 3.7kW at 25%	10.1kW at 100% 7.8kW at 75% 5.8kW at 50% 3.8kW at 25%
SYNCHRONISATION (If applicable)				
Acceptable voltage difference	±25%			
Range of frequency synch	±2Hz (default), ±0.5Hz, ±1Hz selectable. Slew Rate 1Hz/s (default), 7Hz/s, 3Hz/s, 2Hz/s, 0.5Hz/s selectable			
Maximum phase error	8 Degrees			
BATTERY				
Battery Nominal Voltage	480V (240 Cells)			
Float Charge Voltage	240 x 2.30V = 552V			
Maximum Charge Voltage	240 x 2.35V = 564V			
Restored energy time to 90%	Maximum 10 hours recommended (dependant on battery size)			
Charging Current (at full load)	30A		40A	
Battery recharge profile	Advanced Battery Management (ABM [®]) = 90% resting, 10% floating/charging			
Battery cut off voltage	1.75 with 2 minute countdown timer, 1.56 VPC absolute value			
BYPASS CHARACTERISTICS				
Type of bypass	Automatic Static Bypass			
Transfer	No break			

Date: 07/14/09

Past Performance Evaluation™

D-U-N-S Number for this company: 60-989-5727

The Supplier Performance Review is a report on a single company. This report is divided into four sections:

1. Company Overview

Contains basic location, contact, and operating data available on the company being evaluated.

2. Supplier Performance Ratings

Provides the supplier's Overall Performance Rating, which is an assessment of likely overall performance, and a SIC-level benchmark, which indicates where the supplier's Overall Performance Rating falls in comparison to other rated companies in its SIC group. This section also provides Detailed Performance Ratings for key aspects of supplier performance.

3. Buyers Surveyed

Indicates the industries of the companies that have recently provided ratings on this supplier. Individual raters are not identified in order to preserve confidentiality.

4. Distribution of Feedback

Provides a breakdown of the survey responses received from raters of this supplier. For each of the survey questions, the responses, which were provided on a 0 to 10 scale, are categorized as "positive" (9 to 10), "neutral" (5 to 8), or "negative" (0 to 4).

I. COMPANY OVERVIEW (From Dun & Bradstreet's D-U-N-S)

Primary Name:	SYSTEM ENGINEERING INTERNATIONAL INC	Year Started:	1977
Alternate Names:	(none)	Year of Current Control:	1992
Address:	5115 Pegasus Ct Ste-Q Frederick, MD 21704	Annual Sales:	\$6,000,000
Telephone Number:	+1 (301) 694-9601	Total Employees:	20 total
D-U-N-S® Number:	60-989-5727	SIC/Line of Business:	3571/Electronic computers

For Internal Use Only
Not Licensed For Distribution

Date: 07/14/09

Past Performance Evaluation™

D-U-N-S Number for this company: 60-989-5727

SUPPLIER PERFORMANCE RATINGS

Open Ratings calculates supplier performance scores using a sophisticated algorithm that takes into account the amount of information available on a supplier, the recency of the information, and the accuracy of the raters. Ratings range from 0 to 100, however, this is not a percentile score.

Overall Performance Rating

91



Indicative of likely overall performance

SIC Level Quintile

Bottom



Top

SIC:

3571/Electronic Computers

Detailed Performance Ratings

0 25 50 75 100

RELIABILITY:

How reliably do you think this company follows through on its commitments?

93



COST:

How closely did your final total costs correspond to your expectations at the beginning of the transaction?

92



ORDER ACCURACY:

How well do you think the product/service delivered matched your order specifications and quantity?

92



DELIVERY/TIMELINESS:

How satisfied do you feel about the timeliness of the product/service delivery?

88



QUALITY:

How satisfied do you feel about the quality of the product/service provided by this company?

91



BUSINESS RELATIONS:

How easy do you think this company is to do business with?

93



PERSONNEL:

How satisfied do you feel about the attitude, courtesy, and professionalism of this company's staff?

94



CUSTOMER SUPPORT:

How satisfied do you feel about the customer support you received from this company?

92



RESPONSIVENESS:

How responsive do you think this company was to information requests, issues, or problems that arose in the course of the transaction?

92



Date: 07/14/09

Past Performance EvaluationSM

D-U-N-S Number for this company: 60-989-5727

3 BUYERS SURVEYED

The most recent feedback obtained on this supplier came from companies in the following industries.

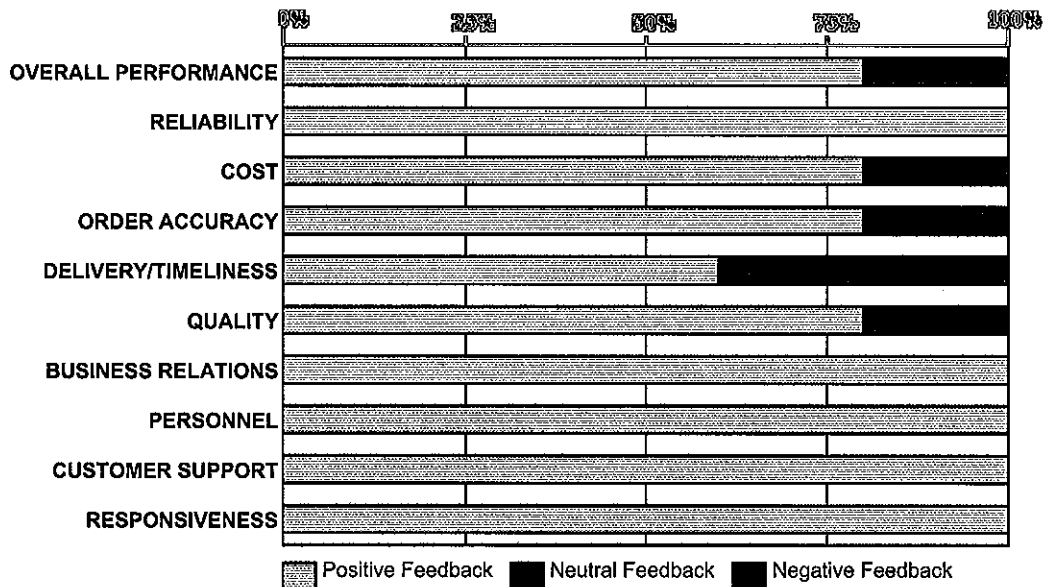
SIC/Line of Business:

- Unknown/not available
- 5045/Computers, peripherals & software
- 5065/Electronic parts and equipment
- 5611/Men's & boys' clothing stores
- 8221/Colleges and universities

Number of surveys completed during the past 30 days is 5.

4 DISTRIBUTION OF FEEDBACK

This supplier's ratings were based in part on survey feedback from past customers. This chart provides a breakdown of the survey responses received from customers in the last 12 months. For each of the survey questions, the responses, which were provided on a 0 to 10 scale, are categorized as "positive" (9 to 10), "neutral" (5 to 8), or "negative" (0 to 4). The percentages of responses falling into each category are shown below.



Note: The supplier ratings set forth above represent the opinions of the surveyed customer references and not those of Open Ratings or Dun & Bradstreet. Some references may not have provided ratings for all performance aspects.

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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 exceeds 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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: System Engineering International

Authorized Signature: [Signature] Date: 1/19/11

State of Maryland

County of Frederick, to-wit:

Taken, subscribed, and sworn to before me this 9 day of January, 2011.

My Commission expires My Commission Expires April 25, 2012

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]