



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 3

List View

- General Information**
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1142514
 Procurement Type: Central Contract - Fixed Amt
 Vendor ID: 000000219290
 Legal Name: Y & S TECHNOLOGIES INC
 Alias/DBA:
 Total Bid: \$63,111.00
 Response Date: 01/16/2023
 Response Time: 14:23
 Responded By User ID: mordyf
 First Name: Saul
 Last Name: Finck
 Email: saul@yandstech.com
 Phone: 718-473-0284

SO Doc Code: CRFQ
 SO Dept: 0313
 SO Doc ID: DEP2300000022
 Published Date: 1/10/23
 Close Date: 1/17/23
 Close Time: 13:30
 Status: Closed
 Solicitation Description: BTO248-22 Dell PowerEdge R650 or equivalent
 Total of Header Attachments: 3
 Total of All Attachments: 3

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Dell PowerEdge R650 or equivalent	8.00000	EA	7847.000000	62776.00

Comm Code	Manufacturer	Specification	Model #
43211501			

Commodity Line Comments: Pricing includes a 3 year 24x7 4 hour onsite response with keep your drive warranty

Extended Description:

Dell PowerEdge R650 or equivalent

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Shipping				0.00

Comm Code	Manufacturer	Specification	Model #
78121603			

Commodity Line Comments:

Extended Description:

FREIGHT FEE

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Support Base Year 1				0.00

Comm Code	Manufacturer	Specification	Model #
81111812			

Commodity Line Comments: Pricing includes a 3 year 24x7 4 hour onsite response with keep your drive warranty

Extended Description:

Support Base Year 1

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Support Renewal Year 2				0.00

Comm Code	Manufacturer	Specification	Model #
81111812			

Commodity Line Comments: Pricing includes a 3 year 24x7 4 hour onsite response with keep your drive warranty

Extended Description:

Support Renewal Year 2

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Support Renewal Year 3				0.00

Comm Code	Manufacturer	Specification	Model #
81111812			

Commodity Line Comments: Pricing includes a 3 year 24x7 4 hour onsite response with keep your drive warranty

Extended Description:

Support Renewal Year 3

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Support Renewal Year 4				335.00

Comm Code	Manufacturer	Specification	Model #
81111812			

Commodity Line Comments: Year 4 Premier Support 24X7 X4 Hour
Onsite Response Warranty +YDYD

Extended Description:
Support Renewal Year 4



Date 01-16-2023

ENVIRONMENTAL PROTECTION
OFFICE OF ADMINISTRATION
601 57TH ST SE WV
Document ID: CRFQ-0313-DEP2300000022-3
BTO248-22 Dell PowerEdge R650 or equivalent
Joseph E Hager III

Vendor Y&S Technologies
383 Kingston AVE STE 357
Brooklyn NY 11213
Email Address: saul@yandstech.com
Cage Code: 5A2W3
D&B# 82 8859616
FED# 611569225
Type of business: S Cooperation

Proposal

Dear Joseph,

After extensive research, we are proposing a solution by Lenovo. Lenovo is the leading PC manufacture in the world. Over the past **30 quarters** they have had the highest growth rate of any major PC manufacture in the world. Their US headquarters is located in Raleigh, North Carolina and all tech support are handled by US technicians based out of Atlanta, GA. Lenovo has acquired prestigious accounts, including the NYC Board of Education (largest school district in the country), Clark County School District (Las Vegas) and the United Nations Etc.

Lenovo Corporation has been in business for over 25 years. They began as a small manufacturer of PC clone computers and 10 years ago they purchased the IBM ThinkPad line computers. Just as, IBM they value engineering and quality. The products that they release meets the heights standards of quality and durability. **Gartner**, an independent and well-known testing lab, rates Lenovo as the leader in this industry. We will be attaching the **Gartner Table** for your consideration.

QTY 8 Servers

For this solution, we are proposing **QTY 8 of the Lenovo ThinkSystem SR630 MFR# 7Z71SMQ900 which meets the specifications requested. Please see the full build below on what we are proposing. Please note specification are per server.**

Specifications

Components	Description	Qty
7Z71SMQ900	ThinkSystem SR630 V2-3yr Warranty	1
BNAQ	Enable selection of latest options and features where available. Previous versions are disabled. To be able to select the previous versions, select None.	1
BH9Q	ThinkSystem 1U 2.5" Chassis with 8 or 10 Bays	1
BFYE	Operating mode selection for: "Efficiency - Favoring Performance Mode"	1
BB2Z	Intel Xeon Silver 4314 16C 135W 2.4GHz Processor	2
B963	ThinkSystem 16GB TruDDR4 3200 MHz (2Rx8 1.2V) RDIMM (Total 256GB)	16
5978	Select Storage devices - configured RAID	1

BRQV	ThinkSystem RAID 5350-8i PCIe 12Gb Internal Adapter	1
B9XD	Controller 1 HW RAID Array 1 RAID 1	1
BA7G	ThinkSystem 2.5" S4520 480GB Read Intensive SATA 6Gb HS SSD	2
B8N0	ThinkSystem 1U 8x2.5" SAS/SATA Backplane	1
B8N2	ThinkSystem 1U PCIe Gen4 x16/x16 Riser 1	1
B8NC	ThinkSystem 1U LP+LP BF Riser Cage Riser 1	1
B5T1	ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter	1
ATZU	Emulex 16Gb Gen6 FC Single-port HBA	2
BHTU	ThinkSystem V2 750W(230V/115V) Platinum Hot-Swap Power Supply v2	2
6570	2.0m, 13A/100-250V, C13 to C14 Jumper Cord	2
AUPW	ThinkSystem XClarity Controller Standard to Enterprise Upgrade	1
BH9M	ThinkSystem V2/V3 1U Performance Fan Option Kit	8
B8LC	ThinkSystem Toolless Slide Rail Kit v2 with 1U CMA	1
B0MK	Enable TPM 2.0	1
B7XZ	Disable IPMI-over-LAN	1
B97M	ThinkSystem SR630 V2 MB	1
BHSS	MI for PXE with RJ45 Network port	1
BA12	Controller 1 HW RAID Array 1 HDDs	2
BK14	Low voltage (100V+)	1
B8KV	ThinkSystem 1U 8x2.5" SAS/SATA HDD Type Label	1
B8KY	ThinkSystem WW Lenovo LPK	1
AUTQ	ThinkSystem small Lenovo Label for 24x2.5"/12x3.5"/10x2.5"	1
B7KM	ThinkSystem OCP NIC Label 1-4	1
AWF9	ThinkSystem Response time Service Label LI	1
B97G	SR630 V2 Service Label for LI	1
B8JV	ThinkSystem 750W Pt Power Rating Label WW	1
BMJF	ThinkSystem MB to CFF RAID v2	1
BMJC	ThinkSystem 8x2.5" BP and 6+4 x2.5" BP Power Cable v2	1
BTU2	ThinkSystem SR630 V2 MB PECIE 1 to CFF RAID 9350	1
BA1Z	ThinkSystem 1U CFF RAID to 10x2.5" Backplane SAS/SATA G4 Cable 2	1
BE0E	N+N Redundancy With Over-Subscription	1
B955	ThinkSystem 4R ICX CPU HS Clip	2
AVWK	ThinkSystem EIA Plate with Lenovo Logo	1
B173	Companion Part for XClarity Controller Standard to Enterprise Upgrade in Factory	1
B989	ThinkSystem V2 1U Package	1
B984	ThinkSystem 1U PLV Top Cover Sponge	1
BH9R	10x2.5" Media Bay w/ Cable	1
BHJS	1U MB PSU Airduct for CPU>125W	1
B978	ThinkSystem SR630/SR850/SR860 V2 Standard Heatsink	2
B5X6	ThinkSystem 1U 2x2.5" Fixed Filler	1
AUWG	Lenovo ThinkSystem 1U VGA Filler	1
B8NB	ThinkSystem 1U MS LP Riser Filler	1
AURS	Lenovo ThinkSystem Memory Dummy	16
B8NM	ThinkSystem 1U MS Air Duct	1
B8NK	ThinkSystem 1U Super Cap Holder Dummy	1
AVEN	ThinkSystem 1x1 2.5" HDD Filler	6
A2HP	Configuration ID 01	1
5641PX3	XClarity Pro, Per Endpoint w/3 Yr SW S&S	1
1340	Lenovo XClarity Pro, Per Managed Endpoint w/3 Yr SW S&S	1
5374CM1	Configuration Instruction	1
BSGR	ThinkSystem RAID 5350-8i PCIe 12Gb Internal Adapter Placement	1
A2JX	Controller 01	1
A2HP	Configuration ID 01	1

Warranty

We are providing a 3-year Premier Support 24X7 X4 Hour Onsite Response Warranty +YDYD

Pricing

Part Number	Description	QTY	Unit Price	Total Price
7Z71SMQ900	Lenovo Think System SR630 with the specifications above	8	\$7,298.00	\$58,384.00
5PS7A67541	3-year Premier Support 24X7 X4 Hour Onsite Response Warranty +YDYD	8	\$549.00	\$4,392.00
				Total Price: \$62,776.00

Optional pricing for 4th year warranty

Part Number	Description	QTY	Unit Price	Total Price
5PS7A67682	Year 4 Premier Support 24X7 X4 Hour Onsite Response Warranty +YDYD	8	\$335.00	\$2,680.00

Lead Time

We can provide delivery of the equipment in 20 days or less and our price includes shipping and handling

Terms and conditions

Y&S accepts all terms and conditions of this bid.



Y&S References

Y&S has provided solutions like this throughout the country. Here are a few references for your convenience:

- 1) **West Virginia Alcohol Beverage Control Administration.** The point of contact is Randy Haynes. We supplied over 12 Lenovo servers in the last 4 years
- 2) **Applied Materials** in Hopewell Junction, NY. Point of Contact is Paul Llanos, Ph #845-227-0298, E-mail Paul.Llanos@amat.com. **We provided Applied Materials with over \$800,000 worth of System X Server equipment over the past couple of years.**
- 3) **Reginal Transportation Authority** in Dayton, OH. Point of Contact is Jim Canaday, Ph #937-425-8320, E-mail jcanaday@greaterdaytonrta.org. We provided 5 Lenovo System X servers with Microsoft Licenses worth over \$189,000 in June 2016.
- 4) **Wilton Public Schools** in Wilton, CT. The point of contact is Helaine Walker who is the senior Admin for the IT Director. Helaine can be reached by 203-834-4874 or by walkerh@wilton.k12.ct.us. We sold over \$575,000 worth of Lenovo Laptops and accessories with Image services.

Brief History of our Company

Y&S Technologies is a registered 8a, Minority, Woman Owned Small Business located in a HUBZone, and have been in business for over fourteen years with a primary focus on the education and government sector. Our senior staff members have over 40 years of combined experience, selling and servicing the academic and government market. We offer our customers highly competitive solutions, the best products at the best prices, and a high level of service and support. These qualities directly contribute to our successful and expanding business.

In 2021 alone, Y & S Technologies sold over \$49 million worth of products and services to agencies and companies of all sizes, all over the country. We are proud Platinum Lenovo Partners, which situates us to obtain the best costs and most solid transit times on any orders we place on behalf of our customers. The above list of references is only a sample of the work we've done connecting state/local agencies with major manufacturers. Our expertise in building quality (environmentally friendly) technological solutions for our customers, combined with our capability to procure and deliver bulk product, on time, make Y & S Technologies the right choice for you.

If you should need any further information please feel free to contact me at your convenience.

Saul Finck
Director of Sales
Y&S Technologies



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

State of West Virginia
 Centralized Request for Quote
 Info Technology

Proc Folder: 1142514		Reason for Modification: Addendum #2 issued to publish additional vendor questions and extend bid due date.
Doc Description: BTO248-22 Dell PowerEdge R650 or equivalent		
Proc Type: Central Contract - Fixed Amt		
Date Issued	Solicitation Closes	Solicitation No
2023-01-10	2023-01-17 13:30	CRFQ 0313 DEP2300000022
		Version
		3

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code:

Vendor Name: TE STECHNOLOGIES

Address: 383 KINGSTON AVE STE # 357

Street: 383 KINGSTON AVE STE # 357

City: BROOKLYN

State: NY **Country:** USA **Zip:** 11213

Principal Contact: SAGI FICK

Vendor Contact Phone: 718-473-0204 **Extension:** 203

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X 

FEIN# 611569225 **DATE** 01/15/2023

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection to establish a contract for the one-time purchase of Eight (8) Dell PowerEdge R650 Server computers or equal per the attached specifications and terms and conditions.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Dell PowerEdge R650 or equivalent	8.00000	EA	\$ 7,847.00	\$ 62,776.00

Comm Code	Manufacturer	Specification	Model #
43211501	LENOVO	SR630 that meets specifications	SR630

Extended Description:
Dell PowerEdge R650 or equivalent

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Shipping			\$ 0	\$ 0

Comm Code	Manufacturer	Specification	Model #
78121603			

Extended Description:
FREIGHT FEE

(Faint background text and signatures)

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Support Base Year 1				
			Included with server		\$0 \$0

Comm Code	Manufacturer	Specification	Model #
81111812			

Extended Description:
Support Base Year 1

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Support Renewal Year 2				
			Included with server		\$0 \$

Comm Code	Manufacturer	Specification	Model #
81111812			

Extended Description:
Support Renewal Year 2

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US	ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Support Renewal Year 3				
			included with server	\$0	\$0

Comm Code	Manufacturer	Specification	Model #
81111812			

Extended Description:
Support Renewal Year 3

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US	ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	Support Renewal Year 4				
		1		\$335.00	\$335.00

Comm Code	Manufacturer	Specification	Model #
81111812	Lenovo	warranty registered	

Extended Description:
Support Renewal Year 4

SCHEDULE OF EVENTS

Line	Event	Event Date
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	Document Phase	Document Description	Page
DEP2300000022	Final	BTO248-22 Dell PowerEdge R650 or equivalent	5

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Environmental Protection to establish a contract for the one-time purchase of Eight (8) Dell PowerEdge R650 Server computers or equal per the attached specifications and terms and conditions.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Dell PowerEdge R650 or equivalent	8.00000	EA	# 7,847	# 62,776

Comm Code	Manufacturer	Specification	Model #
43211501	<i>Lenovo</i>	<i>SR 630</i>	<i>SR 630</i>

Extended Description:
Dell PowerEdge R650 or equivalent

*8 x 6 mbbes
SPECIFICATIONS*

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Shipping				<i>included with the server \$0 \$0</i>

Comm Code	Manufacturer	Specification	Model #
78121603			

Extended Description:
FREIGHT FEE

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Support Base Year 1				
			<i>1 inc 14201 int're server \$0</i>		<i>\$0</i>

Comm Code	Manufacturer	Specification	Model #
81111812			

Extended Description:
Support Base Year 1

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Support Renewal Year 2				
			<i>1 inc 14201 int're server \$0</i>		<i>\$0</i>

Comm Code	Manufacturer	Specification	Model #
81111812			

Extended Description:
Support Renewal Year 2

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Support Renewal Year 3				
		<i>Included in the server \$0</i>			<i>\$0</i>

Comm Code	Manufacturer	Specification	Model #
81111812			

Extended Description:
Support Renewal Year 3

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	Support Renewal Year 4				
		<i>1</i>	<i>\$ 375.00</i>		<i>\$ 2,680.00</i>

Comm Code	Manufacturer	Specification	Model #
81111812			

Extended Description:
Support Renewal Year 4

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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SOLICITATION NUMBER: CRFQ 0310 DEP2300000022

Addendum Number:

No.02

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Addendum issued to publish and distribute the attached documentation to the vendor community.

1. To publish agency responses to additional vendor submitted questions. No more additional questions will be accepted.
2. To extend bid due date until 01/17/2023

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: CRFQ DEP23*22

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

YES Technology
Company

[Signature]
Authorized Signature

01/15/2023
Date

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Saul Finck Director of Sales

(Address) 383 Kingston AVE STe 357 Brook;yn NY 11213

(Phone Number) / (Fax Number) 718-473-0284x203

(Email address) saul@yandstech.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Y&S Technologies

(Company)

(Signature of Authorized Representative)

Saul Finck Director of Sales 01-14-2023

(Printed Name and Title of Authorized Representative) (Date)

718-473-0284x203 718-360-9627

(Phone Number) (Fax Number)

saul@yandstech.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Y&S Technologies

Company



Authorized Signature

01-14-2023

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Lenovo ThinkSystem SR630 V2

Built for business-critical
versatility



Customer Inspired, Purpose Built

The Lenovo ThinkSystem SR630 V2 is a 1U rack server that delivers mainstream performance and density combined with internal expandability for hybrid data center workloads such as: cloud, virtualization, analytics, computing and gaming. In addition to industry-leading reliability, ThinkSystem SR630 V2 is equipped with Lenovo XClarity management capabilities as well as Lenovo ThinkShield security for end-to-end protection.

More processor cores (up to 40) from 2 third-generation Intel® Xeon® Scalable processors as well as denser memory from 32 DIMMs and support for 16 dedicated Intel® Optane™ DC persistent memory 200 series modules make running multiple processes simultaneously a snap, increasing performance when multitasking or working powerful apps and programs. With data stored closer to the processor, applications can access data faster driving swifter response times for real-time analytics, financial transactions, electronic medical records, fraud detection, and much more.

Unique Lenovo AnyBay technology optimizes storage flexibility and bolsters performance with support for up to 10x 2.5 inch hot-swap front drive bays. In addition, large gains in IO operations per second (IOPS) can be obtained with a novel EDSFF drive configuration of up to 16x E1.S NVMe drives allowing customers to further optimize their database and analytics workloads.

Management and Security

Lenovo XClarity management controller supports an easy-to-use application with industry standard Redfish-compliant REST APIs that provide streamlined hardware provisioning and maintenance, enabling a data-driven, centralized view of data center operations.

Trust Lenovo ThinkShield to protect and defend your data center infrastructure from attacks, with a comprehensive end-to-end approach to security that begins with development and continues through supply chain and the full life cycle of the device

Finally, Lenovo's portfolio of services support the full lifecycle of your Lenovo IT assets - from planning, deployment and support to asset recovery

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ThinkSystem



Specifications

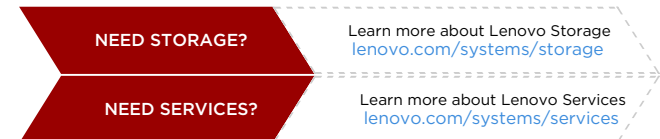
Form Factor/Height	1U rack server
Processor	Up to 2x 3rd generation Intel® Xeon® Scalable processors, up to 40 cores, up to 270W TDP
Drive Bays	Front and rear drive bays of up to 4x 3.5-inch + 2x 2.5-inch drives, or 12x 2.5-inch drives, or 16x EDSFF drives; Up to 12x NVMe drives supported; 2x M.2 boot drives (RAID 1); 2x 7mm boot drives in rear (RAID 1)
Memory	32x DDR4 memory slots; Maximum 8TB using 32x 256GB 3DS RDIMMs; Supports up to 16x Intel® Optane™ DC persistent memory 200 Series modules (PMem)
Expansion Slots	Up to 3x PCIe 4.0 slots, 1x OCP 3.0 slot, 1x cabled HBA/RAID adapter that doesn't occupy a standard PCIe slot
GPUs	Up to 3x single-width 75W GPUs
Network Interface	LOM adapter installed in the OCP 3.0 slot; PCIe adapters
Ports	Front: 1x USB 3.1 G1, 1x USB 2.0 with XClarity Mobile support, 1x VGA (optional), 1x external diagnostics handset port Rear: 3x USB 3.1 G1, 1x VGA, 1x RJ-45 (management), 1x Serial port (optional)
HBA/RAID Support	SW RAID standard; optional HW RAID with/without cache or 8/16-port SAS HBAs
Power	Dual redundant power supplies (up to 1800W Platinum)
Systems Management	Lenovo XClarity Controller
OSes Supported	Microsoft, SUSE, Red Hat, VMware. Visit lenovopress.com/osig for more information.
Limited Warranty	1-year and 3-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades

About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a US\$45 billion Fortune 500 company and a global technology leader in driving Intelligent Transformation. Lenovo's data center solutions (ThinkSystem, ThinkAgile) are creating the capacity and computing power that are changing business and society.

For More Information

To learn more about the Lenovo ThinkSystem SR630 V2, contact your Lenovo representative or Business Partner or visit www.lenovo.com/thinksystem. For detailed specs, consult the [SR630 V2 Product Guide](#)



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