



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 5

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 971223

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000197550

Legal Name: LEE HARTMAN & SONS INC

Alias/DBA:

Total Bid: \$27,783.09

Response Date: 02/08/2022

Response Time: 11:59

Responded By User ID: lcox

First Name: LARRY

Last Name: COX

Email: lcox@leehartman.com

Phone: 304-397-4100

SO Doc Code: CRFQ

SO Dept: 0803

SO Doc ID: DOT2200000109

Published Date: 1/19/22

Close Date: 2/8/22

Close Time: 13:30

Status: Closed

Solicitation Description: ADDENDUM NO_1 AV System
HR Training Room (81220043)

Total of Header Attachments: 5

Total of All Attachments: 5



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 971223
Solicitation Description: ADDENDUM NO_1 AV System HR Training Room (81220043)
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2022-02-08 13:30	SR 0803 ESR02082200000004696	1

VENDOR
 000000197550
 LEE HARTMAN & SONS INC

Solicitation Number: CRFQ 0803 DOT2200000109
Total Bid: 27783.09000000000014551915228 **Response Date:** 2022-02-08 **Response Time:** 11:59:08
Comments:

FOR INFORMATION CONTACT THE BUYER

John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor Signature X **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	86" LiteTouch Pro Interactive Panel (86LTouchProD) or Equal	1.00000	EA	9639.530000	9639.53

Comm Code	Manufacturer	Specification	Model #
52161505			

Commodity Line Comments:

Extended Description:

86" LiteTouch Pro Interactive Panel (86LTouchProD) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	QSC PTZ Conferencing Cameras (PTZ 12x72) or Equal	2.00000	EA	3060.000000	6120.00

Comm Code	Manufacturer	Specification	Model #
45121506			

Commodity Line Comments:

Extended Description:

QSC PTZ Conferencing Cameras (PTZ 12x72) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	QSC Surface Mount 8" Speakers (AD-S8T) or Equal	2.00000	EA	462.000000	924.00

Comm Code	Manufacturer	Specification	Model #
52161512			

Commodity Line Comments:

Extended Description:

QSC Surface Mount 8" Speakers (AD-S8T) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	QSC Touch Screen Controller (TSC-80w-G2) or Equal	1.00000	EA	1236.000000	1236.00

Comm Code	Manufacturer	Specification	Model #
86141702			

Commodity Line Comments:

Extended Description:

QSC Touch Screen Controller (TSC-80w-G2) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	QSC Q-SYS Network Video Endpoint (NV-32-H) or Equal	1.00000	EA	2670.000000	2670.00

Comm Code	Manufacturer	Specification	Model #
86141702			

Commodity Line Comments:

Extended Description:

QSC Q-SYS Network Video Endpoint (NV-32-H) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	QSC Q-SYS Core 8 Flex Processor or Equal	1.00000	EA	1968.000000	1968.00

Comm Code	Manufacturer	Specification	Model #
86141702			

Commodity Line Comments:

Extended Description:

QSC Q-SYS Core 8 Flex Processor or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	Liberty HDMI Distribution Amplifier (HD14S) or Equal	1.00000	EA	185.570000	185.57

Comm Code	Manufacturer	Specification	Model #
86141702			

Commodity Line Comments:

Extended Description:

Liberty HDMI Distribution Amplifier (HD14S) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	(1) QSC 10 port Switch (NS10-125+) or Equal	1.00000	EA	900.000000	900.00

Comm Code	Manufacturer	Specification	Model #
86141702			

Commodity Line Comments:

Extended Description:

(1) QSC 10 port Switch (NS10-125+) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	Sennheiser TeamConnect 2 Ceiling Microphone (Article No. 507	1.00000	EA	3628.500000	3628.50

Comm Code	Manufacturer	Specification	Model #
52161520			

Commodity Line Comments:

Extended Description:

Sennheiser TeamConnect 2 Ceiling Microphone (Article No. 507488) or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	Equipment rack	1.00000	EA	511.490000	511.49

Comm Code	Manufacturer	Specification	Model #
52161600			

Commodity Line Comments:

Extended Description:

Equipment rack for AV system components

EXHIBIT A – Pricing Page

Dated: 2-8-2022
(Bidder to insert date bid submitted)

SUBMITTED BY:

Lee Hartman Sons, Inc. (hereinafter called "Vendor")

SUBMITTED TO:

West Virginia Department of Transportation (hereinafter called "WV DOT")

The Bidder, being familiar with local conditions affecting the cost of the Work and the Contract Documents, including Instructions to Bidders, Bid Form, General Conditions, Drawings, Specifications, and any Addenda or Clarifications issued, hereby propose to furnish all labor, tools, taxes, transportation and expendable equipment necessary for the satisfactory and complete construction of in every detail and ready for operation, all in full accordance with, and in conformity to, the Contract Documents, for the stipulated sums as follows:

TOTAL BID AMOUNT (Show Bid Amount in both words and numbers.)

For the sum of: \$ 35,716.29

thirty-five thousand seven hundred sixteen dollars and Dollars.
twenty-nine cents

(Show Bid Amount in both words and numbers.)

(In the event of a difference between the written bid amount and the number bid amount, the written bid amount shall govern.)

REQUEST FOR QUOTATION
Audio Visual System for WVDOT HR Training Room

13. PAYMENT: Agency shall pay flat fee as shown on the Pricing Pages Exhibit A, for all Contract Equipment and Services performed and accepted under this Contract. Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

14. TRAVEL: Vendor shall be responsible for all mileage and travel costs, including travel time, associated with performance of this Contract. Any anticipated mileage or travel costs may be included in the flat fee or hourly rate listed on Vendor's bid, but such costs will not be paid by the Agency separately.

15. VENDOR DEFAULT:

15.1. The following shall be considered a vendor default under this Contract:

15.1.1. Failure to provide Contract Items in accordance with the requirements contained herein.

15.1.2. Failure to comply with other specifications and requirements contained herein.

15.1.3. Failure to comply with any laws, rules and ordinances applicable to the Contract Services provided under this Contract.

15.1.4. Failure to remedy deficient performance upon request.

15.2. The following remedies shall be available to the Agency upon default:

15.2.1. Immediate cancellation of the Contract.

15.2.2. Immediate cancellation of one or more release orders issued under this Contract.

15.2.3. Any other remedies available in law or equity.

16. CONTRACT MANAGER: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Harry T. Cox

Telephone Number: 304-397-4100 ext 1301

Fax Number: 304-397-4101

Email Address: hcox@lee-hartman.com

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.

Harry T. Cox, Area Manager
(Name, Title)
Harry T. Cox, Area Manager
(Printed Name and Title)
3 Davis Court, Hurricane, WV 25526
(Address)
304-397-4100 ext 1301, 304-397-4101
(Phone Number) / (Fax Number)
hcox@heehartman.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation 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 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 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.

Hee Hartman & Sons, Inc
(Company)
[Signature] Harry T. Cox, Area Manager
(Authorized Signature) (Representative Name, Title)
Harry T. Cox, Area Manager
(Printed Name and Title of Authorized Representative)
2-7-2022
(Date)
304-397-4100 ext 1301, 304-397-4101
(Phone Number) (Fax Number)



**State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5**

I, Harry T. Cox, after being first duly sworn, depose and state as follows:

1. I am an employee of Lee Hartman + Sons, Inc; and,
(Company Name)
2. I do hereby attest that Lee Hartman + Sons, Inc.
(Company Name)

maintains a written plan for a drug-free workplace policy and that such plan and policy are in compliance with **West Virginia Code §21-1D**.

The above statements are sworn to under the penalty of perjury.

Printed Name: Harry T. Cox
 Signature: [Handwritten Signature]
 Title: Area Manager
 Company Name: Lee Hartman + Sons
 Date: 2-8-2022

STATE OF WEST VIRGINIA,

COUNTY OF Putnam, TO-WIT:

Taken, subscribed and sworn to before me this 8th day of FEB, 2022.

By Commission expires June 19, 2023

(Seal)



[Handwritten Signature]
 (Notary Public)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Lee Hartman & Sons, Inc Address: 3 Davis Court

Name of Authorized Agent: Larry Cox Address: Hurricane, WV 25526

Contract Number: DOT2200000109 Contract Description: AV System HR Training Room

Governmental agency awarding contract: DEPT. OF TRANSPORTATION

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: Larry T. Cox Date Signed: 2-8-2022

Notary Verification

State of West Virginia, County of Putnam:

I, Larry T. Cox, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 8th day of Feb, 2022.

Lisa K. Nolen

Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Lee Hartman & Sons, Inc.

Authorized Signature: *Larry Ten* Date: Feb 8, 2022

State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 8th day of Feb, 2022

My Commission expires June 19, 2023.

AFFIX SEAL HERE



NOTARY PUBLIC *Lisa K. Nolen*

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT2200000109

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.

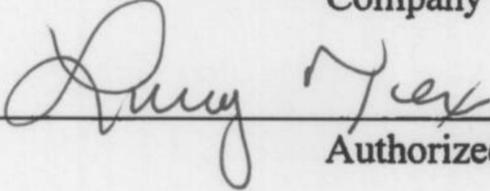
Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input 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 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.

Lee Hartman & Sons, Inc.
Company


Authorized Signature

2-7-2022
Date

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

REC'D AUG 12 2021

CONTRACTOR LICENSE

Authorized by the

West Virginia Contractor Licensing Board

Number: WV037465

Classification:
COMMUNICATION & SOUND

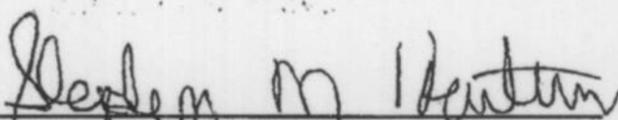
LEE HARTMAN & SONS INC
DBA LEE HARTMAN & SONS INC
3236 COVE RD NW
ROANOKE, VA 24017

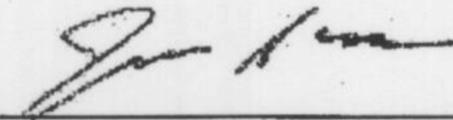
Date Issued

Expiration Date

AUGUST 09, 2021

AUGUST 09, 2022


Authorized Company Signature


Chair, West Virginia Contractor
Licensing Board

**WEST VIRGINIA
CONTRACTOR
LICENSING
BOARD**

A copy of this license must be readily available for inspection by the Board on every job site where contracting 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 is non-transferrable. This license is being issued under the provisions of West Virginia Code, Chapter 30, Article 42.

LEE HARTMAN & SONS INC.

WVDOT-Division of Highways 3rd Floor

Quote #LTC008785 v1

Prepared For:

WVDOT, Division of Highways

Kandy McKinney
1900 Kanawha Blvd, East
Room A-450
Charleston, WV 25305

P: (304) 414-6805

E: kandy.mckinney@wv.gov

Prepared by:

Lee Hartman & Sons - Charleston, WV

Larry Cox
3 Davis Court
Hurricane, WV 25526

P: (540) 366-3493 x1301

E: lcox@leehartman.com

Date Issued:

02.08.2022

Expires:

02.18.2022

Products

L	Manufacturer	Model	Description	Price	Qty	Ext. Price
1	LiteTouch	86 LiteTouch PRO	86in 4K UHD Interactive Touchscreen with Windows 10 Pro PC	\$9,639.53	1	\$9,639.53
2	CHIEF	LTM1U	Micro-Adjust Tilt Wall Mount, Large	\$250.34	1	\$250.34
3	QSC	PTZ-12x72	Q-SYS PoE camera for AV-to-USB Bridging. 12x Optical Zoom 72	\$3,060.00	2	\$6,120.00
4	QSC	AD-S8T-WH	8" Two-way surface speaker, 70/100V transformer with 8? bypa	\$462.00	2	\$924.00
5	QSC	TSC-80W-G2-BK	Q-SYS 8.0 PoE Touch Screen Controller for In-Wall Mounting.	\$1,236.00	1	\$1,236.00
6	QSC	NV-32-H (Core Capable)	4K60 4:4:4 Network Video Endpoint for the Q-SYS Ecosystem, s	\$2,670.00	1	\$2,670.00
7	QSC	CORE 8 FLEX	Unified Core with 8 local audio I/O channels, 64x64 network	\$1,968.00	1	\$1,968.00
8	QSC	SPA2-60	1/2 RU 2 Channel ENERGY STAR amplifier / Stereo operation 60	\$457.84	1	\$457.84
9	Liberty	HD14S	DA HDMI 1:4 4K 18G HDCP 2.2	\$185.57	1	\$185.57
10	QSC	NS10-125+	10-port network switch preconfigured for Q-SYS Audio, Video	\$900.00	1	\$900.00
11	Sennheiser	TeamConnect Ceiling 2	Beamforming ceiling array mic	\$3,628.50	1	\$3,628.50
12	Sennheiser Electronic Corporation	SENSLCMSK	Ceiling Mic Suspension Kit	\$105.02	1	\$105.02
13	Middle Atlantic	EWR-12-22SD	12SP/22D ECONO WLRK,BK,DR	\$511.49	1	\$511.49
14		Miscellaneous Hardware	Hardware, cables, and connectors	\$720.00	1	\$720.00
15		Labor - Programming	System Programming	\$2,400.00	1	\$2,400.00
16		Labor - Installation	Installation Labor	\$4,000.00	1	\$4,000.00
					Subtotal:	\$35,716.29

Agency _____
REQ.P.O# _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Lee Hartman & Sons, Inc.
of 3236 Cove Road NW, Roanoke, VA 24017, as Principal, and The Ohio Casualty Insurance
Company of 62 Maple Avenue, Keene, NH 03431, a corporation organized and existing under the laws of the State of NH
with its principal office in the City of Keene, NH, as Surety, are held and firmly bound unto the State
of West Virginia, as Obligee, in the penal sum of 5% of Bid Price (\$ 5%) for the payment of which,
well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the
Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for
Solicitation #CRFQ 0803 DOT2200000109 Turn Key audiovisual system for the Human Resources
Training Room

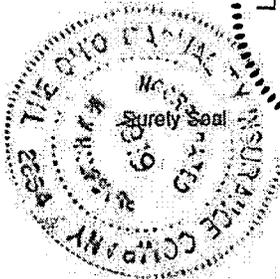
NOW THEREFORE,

(a) If said bid shall be rejected, or
(b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal
attached hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform
the agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in
full force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no
event, exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no
way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby
waive notice of any such extension.

WITNESS, the following signatures and seals of Principal and Surety, executed and sealed by a proper officer of Principal and
Surety, or by Principal individually if Principal is an individual, this 8th day of February, 2022.

Principal Seal



Lee Hartman & Sons, Inc.

(Name of Principal)

By [Signature]
(Must be President, Vice President, or
Duly Authorized Agent)

Vice President
(Title)

The Ohio Casualty Insurance Company
(Name of Surety)

[Signature]
Attorney-in-Fact
Sandra P. Hamilton, Attorney-in-Fact

IMPORTANT - Surety executing bonds must be licensed in West Virginia to transact surety insurance, must affix its seal, and must attach a power of attorney with its seal affixed.

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.

Certificate No. 7342597

American Fire and Casualty Company
The Ohio Casualty Insurance Company

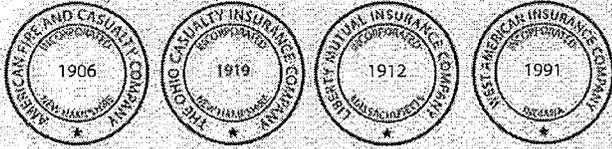
Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Carson B. Hamilton; Elizabeth S. Mabrey; Robert D. Lowery; Sandra P. Hamilton; Stephen T. Hamilton;

all of the city of ROANOKE, state of VA 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 behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 26th day of April, 2016.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 26th day of April, 2016, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017.
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation 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 Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

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.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that 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.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 8th day of February, 2022.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



SPA Series

SPA2-60 | SPA4-60
SPA2-200 | SPA4-100

Low-Z / High-Z Professional Amplifiers

Features

- **Up to 200 watts per channel into 4 and 8 ohms** - the outputs of the SPA2 and SPA4 -60 models are designed to provide up to 60 watts per channel while the SPA4-100 will provide up to 100 watts and the SPA2-200 will provide up to 200 watts per channel into Low-Z loads
- **ENERGY STAR qualified amplifier** - The ENERGY STAR qualified SPA Series employ an efficient class-D design to conserve energy and reduce operational cost
- **Bridgeable outputs for higher power** - Bridging the outputs of the SPA -60 amplifiers provide up to 250 watts, while the SPA2-200 and the SPA4-100 will deliver up to 175 watts into 70V or 100V when bridged
- **Auto-Ramp provides quiet startup and power-down** - The ENERGY STAR auto-ramp circuitry ensures quiet and fast power up from standby and seamless power-down following 25 minutes of inactivity, dramatically reducing power consumption
- **Rack-mountable 1U, half rack width enclosure** - The SPA Series can be mounted in 1 RU, 1/2 rack space, and their clever joining brackets enable easy under-table and wall-mounting



The SPA Series amplifiers from QSC are four, half-rack RU, convection cooled power amplifiers delivering two or four channels of up to 200 watts per channel into 4 Ω and 8 Ω . These amps can also be bridged to supply up to 400 watts into 4 Ω and 8 Ω , and up to 350 watts into 70 V or 100 V loads making them extremely flexible for Low-Z or High-Z applications. Utilizing an advanced Class-D amplifier design and Universal Power Supply, the SPA Series are efficient, allowing them to be convection cooled and are ENERGY STAR qualified with quiet auto-ramp standby functionality. The SPA Series are housed in an unobtrusive black painted 1/2 RU chassis with unique mounting hardware enabling rack, table and wall mounting capabilities.

Efficient Amplifier with Auto-Ramp

The SPA Series amplifiers utilize a highly efficient class-D design that conserves energy to reduce operational costs and requires no active cooling. They are ENERGY STAR qualified with auto-ramp circuitry that seamlessly transitions to/from Standby with no audible pops.

Amplifier Protection

All amplifiers in the SPA Series feature rms and thermal limiting, as well as protection against over current, short circuit, and under/over voltage.

Protection, Control and Mounting

The SPA Series provide rms and thermal limiting as well as over-current and short-circuit protection so you can employ them with confidence. They also come with multiple mounting options. Every SPA Series comes with a complete mounting kit allowing it to be rack mounted by itself or with a second unit in a 1RU space. Included connecting brackets provide additional strength when rack mounting two amps together, but also make for simple under-table or wall mounting (like behind a TV). The SPA Series can also be mounted in plenum spaces when used with the Plenum Kit accessory.



SPA Series

	SPA2-60	SPA4-60	SPA2-200	SPA4-100
Channels	2	4	2	4
Stereo Mode (all channels driven)				
8 Ω	60 W	60 W	200 W	100 W
4 Ω	60 W	60 W	200 W	100 W
Bridged Outputs (all channels driven)				
8 Ω & 4 Ω	200 W	100 W continuous	400 W	200 W
70 V	250 W	125 W	350 W	175 W*
100 V	250 W	125 W	350 W	175 W*
Frequency response (4 Ω and 8 Ω)	20 Hz - 20 KHz +/- 0.1 dB			
Signal to noise (20 Hz - 20 KHz)	>100 dB			
Input sensitivity	1.23 V (+4 dBu)			
Gain at 8 Ω	25.0 dB			
Output circuitry	Class D			
Input impedance	>10k, balanced or unbalanced			
Maximum input level	12.3 V (+24 dBu)			
Cooling	Convection			
Input connectors	3.5 mm Euro, 5 position (green)		3.5 mm Euro, 10 position (green)	
Remote connectors	3.5 mm Euro, 5 position (black)		3.5 mm Euro, 10 position (black)	
Output connectors	5 mm Euro, 4 position (green)			
Front panel indicators	Power, per channel Signal, per channel Protect/Limit			
Rear panel indicators	Bi-Color LED Signal/Protect/Limit per channel			
Controls	4 Ω /8 Ω /70 V Bridged Highpass On/100 V Bridged Highpass (per channel pair)			
General purpose inputs	Remote volume, remote standby, on 3.5 mm connectors (10k potentiometer is not included)			
Highpass filter	80 Hz in Bridged 70 V & 100 V			
Dimensions	1.7" x 8.7" x 9.5" (43 mm x 220 mm x 241 mm)			
Net weight	3.5 lb (1.1 kg)		4.0 lb (1.4 kg)	
Shipping weight	6 lb (2.3 kg)		6.5 lb (2.5 kg)	
Power requirements	Universal Power Supply 100 - 240 VAC, 50 - 60 Hz with active power factor correction			
Agency approvals	UL, CE, Energy Star, RoHS/WEEE compliant, FCC Class B (Conducted and Radiated emissions), UL 2043 with plenum kit accessory			
Carton contents	IEC Cable, quick start guide, connector pack, rack mount ears, mounting brackets			

Specifications subject to change without notice.
*Peak Power – 250 W



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Chief

Large Fusion Micro-Adjustable Tilt Wall Mount

LTM1U | [Fusion Wall-Tilt Series](#)



Chief's Fusion tilt wall mounts were developed based on installer feedback and direct observations of installers in the field. Favorite Fusion features include Centerless shift, Centris tilt, ControlZone leveling adjustment and ClickConnect Latching.

Benefits included increased stability, fast installation, easy cable management and security. The installer-inspired Fusion tilt mount solves top flat panel installation problems, offering flexible adjustments for large displays with a low-profile display mounting solution.

Key Features

- Integrated teardrop design speeds up wall plate installation by allowing pre-installation of the bolts to the wall
- Centerless Shift provides up to 17.5" (445 mm) of post-installation lateral shift - 8.75" (222 mm) left/right of uprights - for limitless centering
- Centris low-profile tilt uses the center of gravity to balance the screen while maintaining a low profile

- Set screws keep the mount rigid, stable and secure throughout the life of the installation
- ClickConnect offers an audible click when the screen safely engages with the mount
- Built-in cable stand provides easy access under the screen
- A full line of accessories can be installed with the mount and the entire unit can be adjusted together
- Multiple installation options for various stud distances
- Exclusive nesting spacers can be stacked to achieve any depth
- Quick-Store Cords use magnets to easily store and access pull cords
- Improved cable management with new end caps
- Integrated Security
- Ships with a custom hardware kit that can be hung from mount rails if installing in stages
- Easy Open box with less waste to throw away

• Specifications

- CertificationsUL Listed, OSHPD Approved
- ColorBlack
- Lateral Shift17.4" (441 mm)
- Manual Height Adjustment1" (25 mm)
- Maximum Screen Thickness6"
- Minimum Depth2" (51 mm)
- Mounting Pattern Compatibility (Universal Versions)100 x 100 - 878 x 500 mm
- Number Of Monitors1
- Overall Dimensions (H x W x D)17 x 34.75 x 2" (432 x 883 x 51 mm)
- Shipping Weight22.01 lbs (9.98 kg)
- Solution TypeUniversal
- Tilt+2°, -12°
- Typical Screen Sizes42 - 86"
- Wall Stud Compatibility In16" - 32" (406 mm - 813 mm)
- Weight Capacity200 lbs (90.7 kg)
- OrientationLandscape

Chief Manufacturing/Legrand

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